

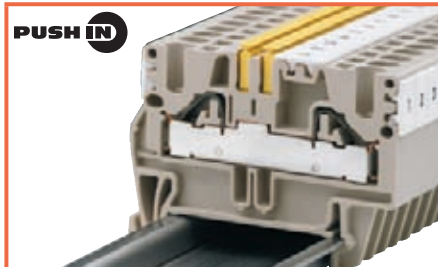
<b>Modular Terminal Blocks</b>	<b>Overview</b>	<b>A</b>
	Terminals, P-Series (Push In technology)	<b>B</b>
	Terminals, I-Series (IDC technology)	<b>C</b>
	Terminals, Z-Series (Tension clamp technology)	<b>D</b>
	Terminals – Screw Clamp, W-series, Stud style and SAK ranges	<b>E</b>
	Feed-through device terminals	<b>F</b>
	Accessories	<b>G</b>
	Components for installations	<b>H</b>

<b>Appendix</b>	<b>Weidmüller Service</b>	<b>V</b>
	<b>Technical appendix</b>	<b>W</b>
	<b>Index</b> Search according to type or order number, Addresses worldwide	<b>X</b>

# Modular Terminal Blocks

## P-Series

Page B.4



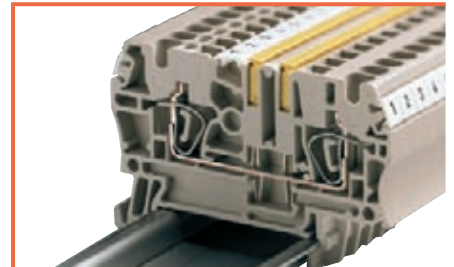
## I-Series

Page C.6



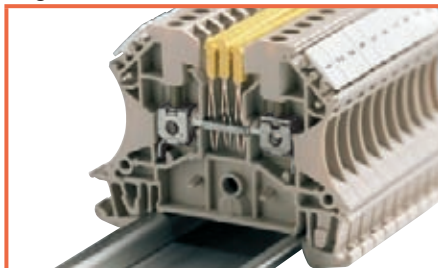
## Z-Series

Page D.4



## W-Series

Page E.4



## Modular terminals TS 15

Page E.96



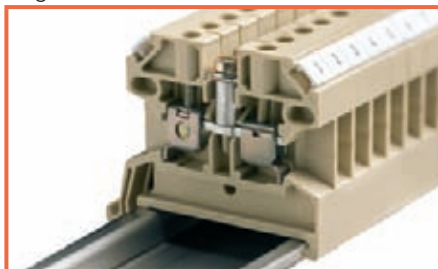
## Stud terminals

Page E.104



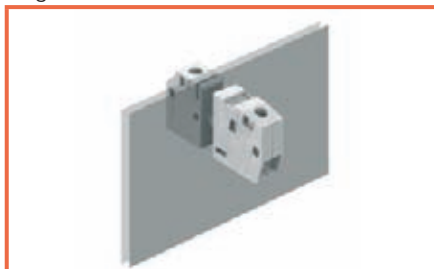
## SAK-Series

Page E.144



## Feed-through device terminals WGK

Page F.3



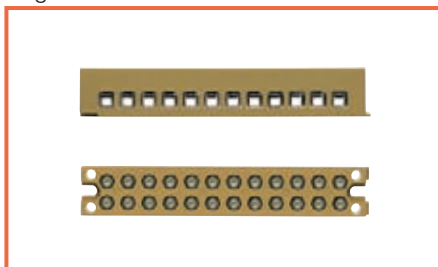
## Shield connection terminals KLBÜ

Page G.4



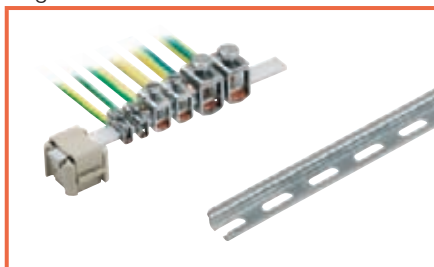
## Multipin terminal strips

Page G.12



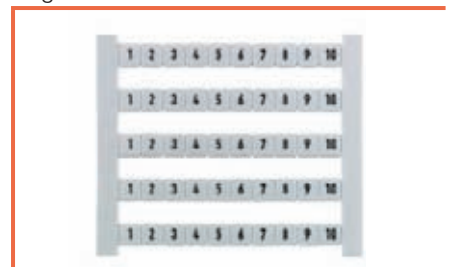
## Busbars / terminal rails

Page G.19



## Connector markers

Page G.34





**Tools**

Page G.60



**Wire end ferrules**

Page G.82



**Insulated cable lugs**

Page G.94



**Junction box terminals D-Series**

Page H.3



**Lighting terminals D-Pack / D-Lux**

Page H.4



**Eurostrips D-Strip**

Page H.7





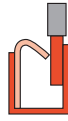
# Modular Terminal Blocks

---

<b>Modular Terminal Blocks</b>	Overview	A.2
--------------------------------	----------	-----

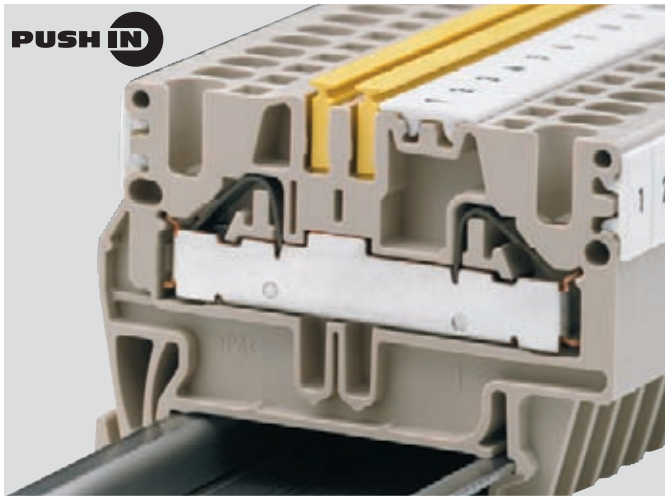
---

# Always the optimum connection for your application



## Push In technology / P-Series

Push In technology offers outstanding benefits. Firstly, its easy to handle, being widely used in building automation project around the world. Secondly it provides galvanic isolation, giving excellent electrical rating and thirdly it provides pull-out, shock and vibration resistance.



### Time-saving connections

Push In technology reduces installation times to a minimum.

### Effective product range

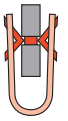
Good performance data in a compact connection. The P-Series is ideal for reducing the number of variations.

### 100 % reliability

Simply push a stripped solid conductor or a conductor fitted with a wire end ferrule into the clamping point – and that's it, finished! All materials have been tested according to the latest environmental standards and to ensure RoHS conformity.

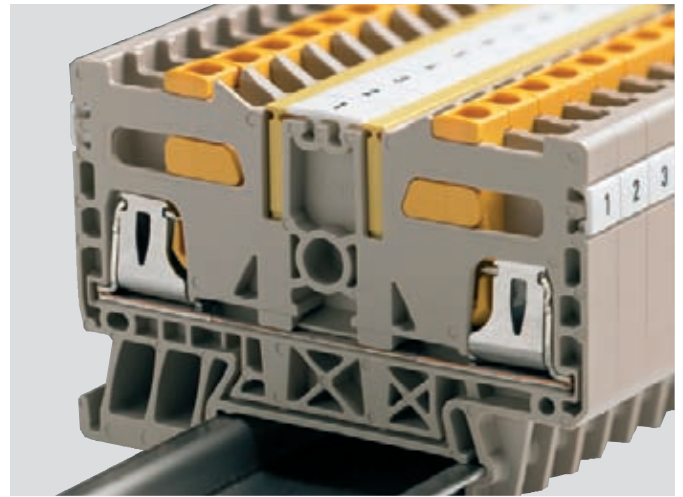
### Applications

Wherever solid conductors or conductors fitted with wire end ferrules are needed, Weidmüller Push In technology offers the decisive handling advantage. In machinery and building installations alike.



## IDC technology / I-Series

The IDC contact with the tensioned contact ensures that mechanical and electrical functions are kept separate, providing galvanic isolation. This system offers reliability and flexibility – permanently. For connecting cross-sections between 0.08 and 2.5 mm<sup>2</sup>, even for repeated insertion and removal of conductors.



### Quick and convenient

Once it has been cut to length, the conductor is inserted directly into the clamping point and connected. No need to strip the insulation first.

### Maximum contact stability

The in built pre-cutting system of the Insulation Displacement Connection system, also enable visual confirmation of a reliable and permanent connection, by simple checking the alignment of the yellow slider.

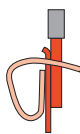
### Large product range

The large range, a selection of hybrid terminals and the compatibility with our other modular terminals result in diverse application options.

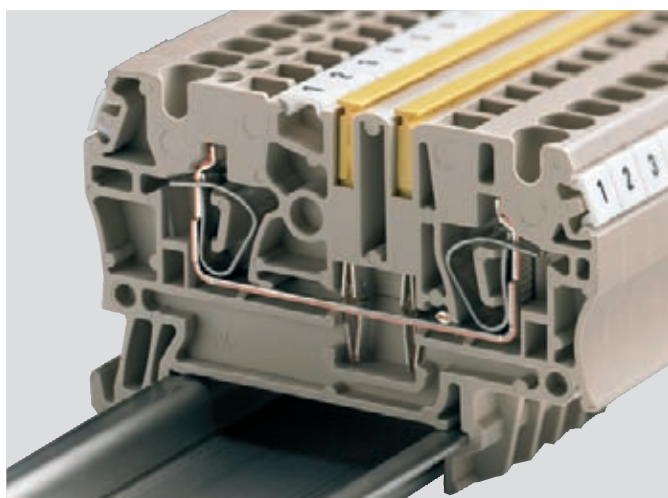
### Applications

Wherever secure and flexible connection of conductors with a cross-section up to 2.5 mm<sup>2</sup> is required, the advantages of the Weidmüller I-Series are in demand. Whether in machinery, in the automotive industry, in railway engineering or shipbuilding.

### Tension clamp connection / Z-Series



For a maintenance free, vibration-resistant connection. The stainless steel tension clamp is the alternative to the screw connection for cross-sections up to 35 mm<sup>2</sup>.



#### Comprehensive product range

Available in Standard and Roof-Style versions for connecting cross-sections from 0.05 to 35 mm<sup>2</sup>.

#### Good contact stability – permanently

The no-maintenance, vibration-resistant tension clamp connection guarantees a gas-tight contact point and high contact forces.

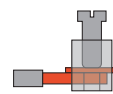
#### Diverse cross-connection options

The ZQV plug-in standard cross-connection enables many different options. For feeding, distributing and skipping potentials.

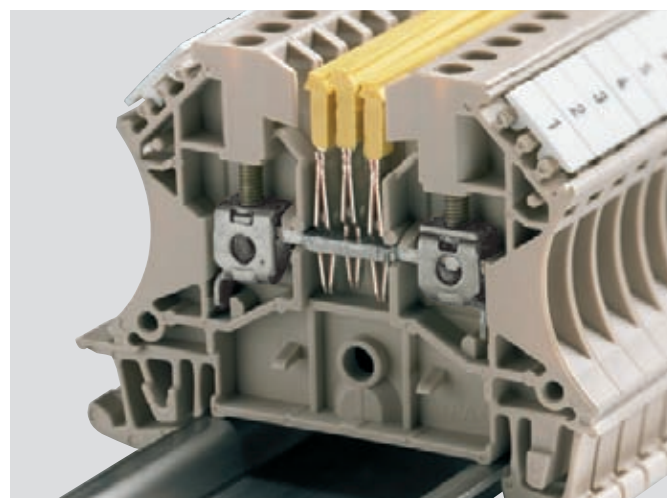
#### Applications

Wherever an alternative to the screw connection is required and where fast wiring times and vibration-resistant contacts are a must, the Weidmüller Z-Series is unbeatable. Whether in machinery, in the automotive industry, in railway engineering or shipbuilding.

### Screw connection / W-Series



The simple handling plus the separation of electrical and mechanical functions make the Weidmüller clamping yoke the universal standard solution.



#### Wide range of cross-sections

The diverse, yet comprehensive range of products, covers cross-sections from 0.05 to 300 mm<sup>2</sup>. That adds up to a complete product offering for safe or hazardous area application.

#### Good contact stability – permanently

The maintenance free, vibration-resistant screw clamp guarantees a good contact force and a stable, secure connection.

#### Only the best materials

Hardened steel is used for strength in the clamping yoke, whilst tin plated copper ensures superior conductivity. All materials have been tested according to the latest environmental standards and to ensure RoHS compliance.

#### Applications

Wherever stable connections and secure contact are essential, the Weidmüller W-Series is the right answer. In power generation and measurement, in process engineering and in switchgear installations.

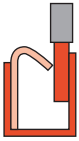




# Terminals, P-Series

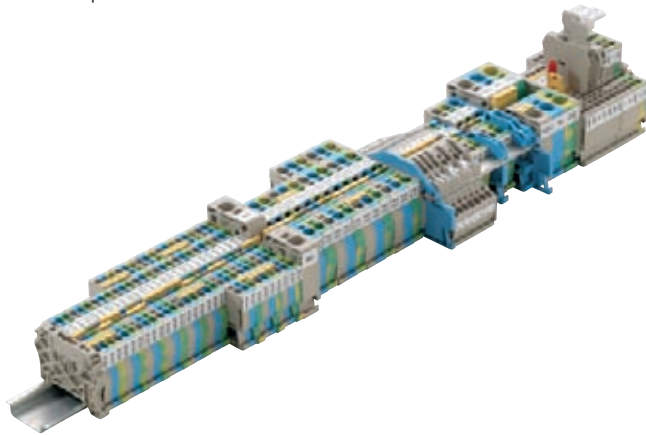
<b>Terminals, P-Series</b>	Overview P-Series	B.2
	Feed-through terminals	B.4
	Modular PE terminals	B.8
	Double level terminals	B.11
	Test disconnect terminals	B.14
	Neutral conductor disconnect terminals	B.19
	Installation terminals	B.21
	Accessories P-Series	B.26

# P-Series / Push-In connection technology



## Sometimes a little means a lot

The P-Series is Weidmüller's new generation of modular terminals distinguished by concise yet uniquely flexible portfolio. The cornerstones of this concept is the "Push In" connection technology which enable a reduction in the terminal variants whilst providing incredible cost savings. What this means is that the three terminal types PDU 2.5/4, PDU 6/10 and PDU 16 can provide you with rational wiring solutions up to 16 mm<sup>2</sup>. In the past you would have needed five different types of terminal. This innovative product concept is the result of targeted detail engineering. With a width of 5.1 mm, the PDU 2.5/4 and PDL 4 types are the same size as an old 2.5 mm<sup>2</sup> terminal, but are rated at 32 A – previously only possible with a 4 mm<sup>2</sup> terminal. The data of the other terminals in the range is equally impressive: PDU 6/10 – 8.1 mm and 57 A; PDU 16 – 12 mm and 76 A. The Weidmüller P-Series gives users a range of modular terminals that unites the performance features of their "big brothers" with the compact size of their "little brothers".



## Direct Push In technology for direct savings

Among the impressive features of the direct Push In connection system are minimal wiring times and reliable, simple handling. Compared to the 3-conductor tension clamps, the direct Push In system achieves time-savings of up to 50 % when connecting the conductor (3.5 s per conductor). The stripped solid conductor is simply pushed into the terminal as far as it will go – that's all there is to it. No tools are required, and the result is a reliable, vibration-resistant, gas-tight connection. Even flexible conductors with crimped wire end ferrules or ultrasonic-welded conductors can be connected without any problems.



Views without cage side wall



## Product overview

Rated cross-sectional area	P-Series 2.5/4		P-Series 6/10		P-Series 16
	2.5 mm <sup>2</sup>	4 mm <sup>2</sup>	6 mm <sup>2</sup>	10 mm <sup>2</sup>	16 mm <sup>2</sup>
<b>Feed-through terminals</b>					
2 connections	•	•	•	•	•
3 connections	•	•	•	•	
4 connections	•	•			
<b>Power supply terminals</b>					
2 connections	•	•	•	•	•
3 connections	•	•	•	•	
4 connections	•	•			
<b>Supply terminals</b>					•
<b>Neutral conductor terminals</b>	•	•	•	•	•
<b>Two-tier terminals</b>	•	•			
<b>Three-conductor/distribution terminals</b>	•	•			
<b>Test-disconnect terminals</b>	•	•			
<b>Fuse terminals</b>	•	•			

### 1 The connection

The compression spring for connecting the conductor is mounted separately on the housing to guarantee galvanic isolation.

- Direct connection of solid conductors.
- Direct connection of flexible conductors with wire end ferrules.

### 2 Plug-in cross-connections

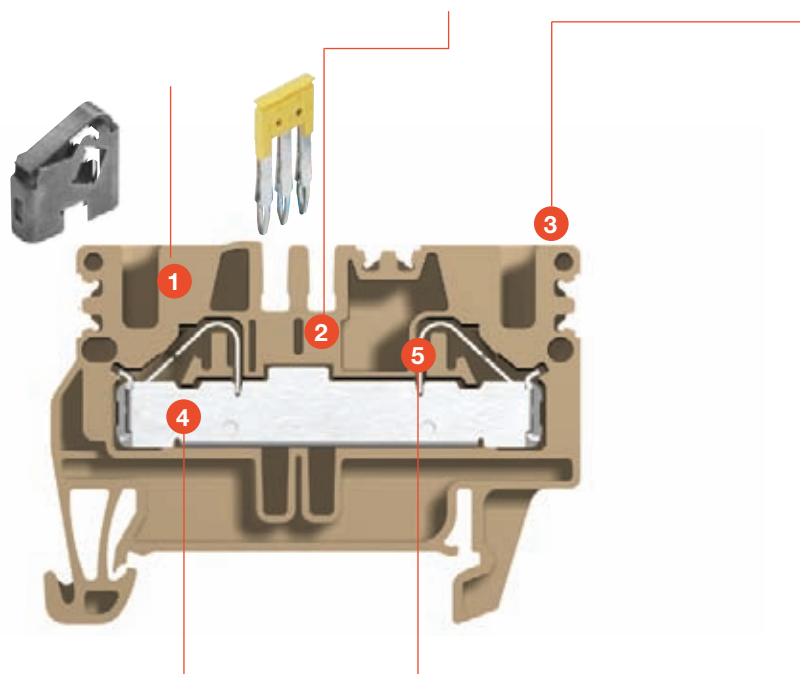
Rapid, straightforward potential distribution with the ZQV plug-in cross-connection.

- 2- to 10-pole, or “endless” cross-connection for custom assemble.
- Full rated current.
- Breakout poles for bypassing other potentials.

### 3 Easy to use

The simple Push In system for solid and flexible conductors with wire end ferrules speeds up the wiring time considerably.

- No additional tools required.
- Easy to use in confined installations.
- TOP connection (conductor inserted and connection secured in the same direction).



### The Wemid insulating material

- Non-tracking, CTI 600
- Thermally stable up to 120 °C
- V0 flammability rating to UL 94
- Halogen and phosphor free, flame-retardant

### Effective product range

The P-Series is characterised by its high performance and a compact unit range. It is therefore ideal for reducing the number of variations and promotes rational procurement and logistics management.

### Standards and directives

The excellent reliability of Weidmüller's contacts and systems is confirmed by type testing to IEC 60947-7 and by supplementary tests. In addition, product quality undergoes strict testing in our Quality Assurance department (certified to DIN ISO 9002).

### 4 Reliable contact

- A stainless steel spring ensures permanent, secure contact between conductor and current bar; higher pull-out forces are achieved when compared with tension clamp terminals.
- The copper/tin alloy current bar makes a perfect connection with the conductor; this guarantees a very low voltage drop.

### 5 Safe to use

The Push In contact has been designed in such a way that incorrect use is impossible in most cases!

- The **spring stop** protects and limits the travel of the spring; this, together with the plastic housing, defines the exact position of the screwdriver.
- The **conductor stop** positions the end of the conductor in the connection space; it supports the compression spring outside the terminal in the case of large bending radii and guarantees the contact with the current bar.

Feed-through terminals

B

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	Approvals
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Twin wire-end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

Accessories

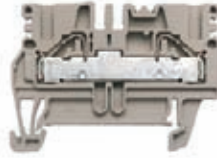
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

PDU 2.5/4

4 mm<sup>2</sup>

2 connections



5.1 x 53 x 38	
/ 6	
0.13...6	

IEC 60947-1	Ex e ll		ll 2 G D
IEC	UL	CSA	EN 60079-7
800	600	600	550
32	30	30	29
4	AWG 26...10	AWG 26...10	4
		8 / 3	
		/ V-0	
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
0.5...2.5			
12 / 3.0 x 0.5 mm			
4 mm <sup>2</sup> conductors should be processed after crimp, in compliance with Euro-Norm EN 60947-1, for example with the PZ6/5 (order no. 9011460000).			

Type	Qty	Order No.
PDU 2.5/4	100	1896110000
PDU 2.5/4 BL	50	1896230000
For use with 4 mm <sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
PAP 2.5/4	3 mm	50	1896300000
ZEW 35	6 mm	20	9540000000
PTA PDU2.5/4	5.1 mm	25	1916180000
PTA ZA PDU2.5/4	5.1 mm	25	1916190000
SD 0.5x3.0x80		1	9008320000
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000
PAD 2.5/4/4		80	1916150000

Marking systems	
	DEK 5/5 / WS 10/5
Detailed information for working with twin ferrules can be found in the P-Series Accessories section.	

PDU 2.5/4 3AN

4 mm<sup>2</sup>

3 connections



5.1 x 67.5 x 38	
/ 6	
0.13...6	

IEC 60947-1	Ex e ll		ll 2 G D
IEC	UL	CSA	EN 60079-7
800	600	600	550
32	30	30	29
4	AWG 26...10	AWG 26...10	4
		8 / 3	
		/ V-0	
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
0.5...2.5			
12 / 3.0 x 0.5 mm			
4 mm <sup>2</sup> conductors should be processed after crimp, in compliance with Euro-Norm EN 60947-1, for example with the PZ6/5 (order no. 9011460000).			

Type	Qty	Order No.
PDU 2.5/4/3AN	100	1896120000
PDU 2.5/4/3AN BL	50	1896240000
For use with 4 mm <sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
PAP 2.5/4/3AN	3 mm	50	1896480000
ZEW 35	6 mm	20	9540000000
PTA PDU2.5/4	5.1 mm	25	1916180000
PTA ZA PDU2.5/4	5.1 mm	25	1916190000
SD 0.5x3.0x80		1	9008320000
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000
PAD 2.5/4/4		80	1916150000

Marking systems	
	DEK 5/5 / WS 10/5
Detailed information for working with twin ferrules can be found in the P-Series Accessories section.	

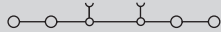
**PDU 2.5/4 4AN**

**4 mm<sup>2</sup>**

**4 connections**



5.1 x 78.5 x 38  
/ 6  
**0.13...6**



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	30	30	27
4	AWG 26...10	AWG 26...10	4
8 / 3			
/ V-0			



**Rated connection**

0.5...6  
0.5...4 / 0.5...4  
0.5...2.5  
12 / 3.0 x 0.5 mm

4 mm<sup>2</sup> conductors should be processed after crimp, in compliance with Euro-Norm EN 60947-1, for example with the PZ6/5 (order no. 9011460000).

Type	Qty	Order No.
PDU 2.5/4/4AN	100	<b>1896130000</b>
PDU 2.5/4/4AN BL	50	<b>1896250000</b>

For use with 4 mm<sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
<b>Width</b>			
PAP 2.5/4/4AN	3 mm	50	<b>1896320000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
PTA PDU2.5/4	5.1 mm	25	<b>1916180000</b>
PTA ZA PDU2.5/4	5.1 mm	25	<b>1916190000</b>
SD 0.5x3.0x80		1	<b>9008320000</b>
PRH 2.5/4/1		100	<b>1916410000</b>
PRH 2.5/4/2		100	<b>1916400000</b>
PAD 2.5/4/4		80	<b>1916150000</b>

DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P-Series Accessories section.

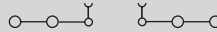
**PDU 2.5/4 2x2**

**4 mm<sup>2</sup>**

**2 x 2 connections**



5.1 x 78 x 38  
/ 6  
**0.13...6**



IEC 60947-7-1

IEC	UL	CSA
800	600	600
32	30	30
4	AWG 26...10	AWG 26...10
8 / 3		
/ V-0		

**Rated connection**

0.5...6  
0.5...4 / 0.5...4  
0.5...2.5  
12 / 3.0 x 0.5 mm

4 mm<sup>2</sup> conductors should be processed after crimp, in compliance with Euro-Norm EN 60947-1, for example with the PZ6/5 (order no. 9011460000).

Type	Qty	Order No.
PDU 2.5/4/2X2AN	100	<b>1022220000</b>

For use with 4 mm<sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
<b>Width</b>			
PAP 2.5/4/4AN	3 mm	50	<b>1896320000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
PTA PDU2.5/4	5.1 mm	25	<b>1916180000</b>
PTA ZA PDU2.5/4	5.1 mm	25	<b>1916190000</b>
SD 0.5x3.0x80		1	<b>9008320000</b>
PRH 2.5/4/1		100	<b>1916410000</b>
PRH 2.5/4/2		100	<b>1916400000</b>
PAD 2.5/4/4		80	<b>1916150000</b>

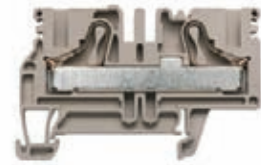
DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P-Series Accessories section.

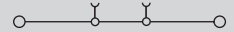
**PDU 6/10**

**10 mm<sup>2</sup>**

**2 connections**



8.1 x 64.5 x 40  
/ 10  
**1.5...10**



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
57	44	44	37
10	AWG 16...8	AWG 16...8	6
8 / 3			
/ V-0			



**Rated connection**

1.5...10  
1.5...10 / 1.5...10  
14 / 0.6 x 3.5 mm

For use with 10 mm<sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203620000)

Type	Qty	Order No.
PDU 6/10	50	<b>1896140000</b>
PDU 6/10 BL	25	<b>1896270000</b>

For use with 10 mm<sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203620000)

Type	current	Qty	Order No.
ZQV 6N/2		60	<b>1906210000</b>
ZQV 6N/3		60	<b>1906220000</b>
ZQV 6N/4		60	<b>1906230000</b>
ZQV 6N/20		20	<b>1906240000</b>
<b>Width</b>			
PAP PDU6/10	3 mm	20	<b>1896330000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.5x3.0x80		1	<b>9008320000</b>
PAD 6/10/4		80	<b>1916160000</b>

WS 10/8

Feed-through terminals

B

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Twin wire-end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

PDU 6/10 3AN

10 mm<sup>2</sup>

3 connections



8.1 x 82.5 x 40	
/ 10	
1.5...10	

IEC 60947-7-1 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
57	44	44	37
10	AWG 16...8	AWG 16...8	6
8 / 3			
/ V-0			

Rated connection	
1.5...10	
1.5...10 / 1.5...10	
14 / 0.6 x 3.5 mm	

Type	Qty	Order No.
PDU 6/10/3AN	50	1896150000
PDU 6/10/3AN BL	50	1896280000

For use with 10 mm<sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203620000)

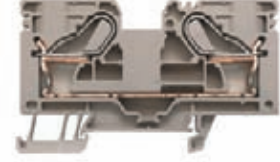
Type	current	Qty	Order No.
ZQV 6N/2		60	1906210000
ZQV 6N/3		60	1906220000
ZQV 6N/4		60	1906230000
ZQV 6N/20		20	1906240000
		Width	
PAP PDU6/10/3AN		3 mm	20 1896340000
ZEW 35		6 mm	20 9540000000
SD 0.5x3.0x80		1	9008320000
PAD 6/10/4		80	1916160000

WS 10/8
---------

PDU 16

16 mm<sup>2</sup>

2 connections



12.1 x 80.5 x 48	
/ 16	
2.5...16	

IEC 60947-7-1 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
76	76	76	59
16	AWG 12...5	AWG 12...5	16
8 / 3			
/ V-0			

Rated connection	
2.5...16	
2.5...16 / 2.5...16	
14 / 1.0 x 5.5 mm	

Type	Qty	Order No.
PDU 16	25	1896400000
PDU 16 BL	10	1896220000

Type	current	Qty	Order No.
ZQV 16/2	76 A	25	1739690000
		Width	
PAP 16		3 mm	10 1896290000
ZEW 35		6 mm	20 9540000000
SD 1.0x5.5x150		1	9008350000
PAD 16/4		80	1916170000

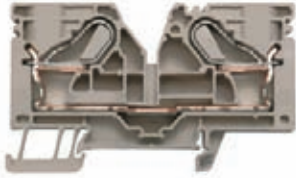
WS 12/8
---------



**PEI 16**

16 mm<sup>2</sup>

Supply terminal



15 x 80.5 x 48

/ 16

2.5...16



Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
76	76	76	66
16	AWG 12...5	AWG 12...5	16
8 / 3			
/ V-0			



**Rated connection**

2.5...16

2.5...16 / 2.5...16

14 / 1.0 x 5.5 mm

Type	Qty	Order No.
PEI 16	25	1918780000
PEI 16 BL	25	1918790000

Terminal contains end plate.  
No separate end plate is necessary.

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 6N/3		60	1906220000
<b>Width</b>			
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000
PAD 16/4		80	1916170000

WS 12/8

## Modular PE terminals

B

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


## Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Twin wire-end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

## Ordering data

Version	
	green/yellow Wemid
Note	

## Accessories

End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol

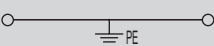
Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	



## PPE 2.5/4

 4 mm<sup>2</sup>

2 connections



5.1 x 53 x 36	
/ 6	
0.13...6	

IEC 60947-7-2				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7				
4	AWG 26...10	AWG 26...10	AWG 26...10				
800							
8							
				480 A (4 mm <sup>2</sup> )			
				3			
				/ V-0			
							
Rated connection							
0.5...6							
0.5...4 / 0.5...4							
0.5...2.5							
12 / 3.0 x 0.5 mm							
4 mm <sup>2</sup> conductor should be processed after crimping (according to Euro-Norm EN 60947-1), for example with PZ6/5, order no. 9011460000.							

Type	Qty	Order No.
PPE 2.5/4	50	1896170000
For use with 4 mm <sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)		

Type	Width	Qty	Order No.
PAP 2.5/4	3 mm	50	1896300000
ZEW 35	6 mm	20	9540000000
SD 0.5x3.0x80		1	9008320000
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000
PAD 2.5/4/4		80	1916150000

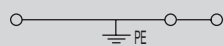
DEK 5/5 / WS 10/5	
	Detailed information for working with twin ferrules can be found in the P-Series Accessories section.



## PPE 2.5/4 3AN

 4 mm<sup>2</sup>

3 connections



5.1 x 67 x 36	
/ 6	
0.13...6	

IEC 60947-7-2				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7				
4	AWG 26...10	AWG 26...10	AWG 26...10				
800							
8							
				480 A (4 mm <sup>2</sup> )			
				3			
				/ V-0			
							
Rated connection							
0.5...6							
0.5...4 / 0.5...4							
0.5...2.5							
12 / 3.0 x 0.5 mm							
4 mm <sup>2</sup> conductor should be processed after crimping (according to Euro-Norm EN 60947-1), for example with PZ6/5, order no. 9011460000.							

Type	Qty	Order No.
PPE 2.5/4/3AN	50	1896200000
For use with 4 mm <sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)		

Type	Width	Qty	Order No.
PAP 2.5/4/3AN	3 mm	50	1896480000
ZEW 35	6 mm	20	9540000000
SD 0.5x3.0x80		1	9008320000
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000
PAD 2.5/4/4		80	1916150000

DEK 5/5 / WS 10/5	
	Detailed information for working with twin ferrules can be found in the P-Series Accessories section.

**PPE 2.5/4 4AN**

**4 mm<sup>2</sup>**

**4 connections**



5.1 x 80 x 36  
/ 6  
**0.13...6**



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	AWG 26...10
800			
8			
	480 A (4 mm <sup>2</sup> )		
	3		
	/ V-0		



**Rated connection**

0.5...6  
0.5...4 / 0.5...4  
0.5...2.5  
12 / 3.0 x 0.5 mm

4 mm<sup>2</sup> conductor should be processed after crimping (according to Euro-Norm EN 60947-1), for example with PZ6/5, order no. 9011460000.

Type	Qty	Order No.
PPE 2.5/4/4AN	50	<b>1896160000</b>

For use with 4 mm<sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)

Type	Width	Qty	Order No.
PAP 2.5/4/4AN	3 mm	50	<b>1896320000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.5x3.0x80		1	<b>9008320000</b>
PRH 2.5/4/1		100	<b>1916410000</b>
PRH 2.5/4/2		100	<b>1916400000</b>
PAD 2.5/4/4		80	<b>1916150000</b>

DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P-Series Accessories section.

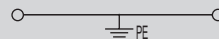
**PPE 6/10**

**10 mm<sup>2</sup>**

**2 connections**



8.1 x 63.5 x 40  
/ 10  
**1.5...10**



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...8	AWG 16...8	AWG 16...8
800			
8			
	1200 A (10 mm <sup>2</sup> )		
	3		
	/ V-0		



**Rated connection**

1.5...10  
1.5...10 / 1.5...10  
14 / 0.6 x 3.5 mm

Type	Qty	Order No.
PPE 6/10	25	<b>1896180000</b>

For use with 10 mm<sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203620000)

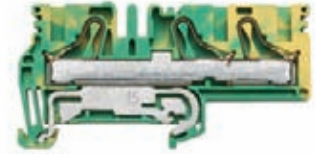
Type	Width	Qty	Order No.
PAP PDU6/10/3AN	3 mm	20	<b>1896340000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.5x3.0x80		1	<b>9008320000</b>
PAD 6/10/4		80	<b>1916160000</b>

WS 10/8

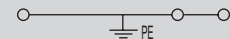
**PPE 6/10 3AN**

**10 mm<sup>2</sup>**

**3 connections**



8.1 x 81.5 x 40  
/ 10  
**1.5...10**



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...8	AWG 16...8	AWG 16...8
800			
8			
	1200 A (10 mm <sup>2</sup> )		
	3		
	/ V-0		



**Rated connection**

1.5...10  
1.5...10 / 1.5...10  
14 / 0.6 x 3.5 mm

Type	Qty	Order No.
PPE 6/10/3AN	25	<b>1896190000</b>

For use with 10 mm<sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203620000)

Type	Width	Qty	Order No.
PAP PDU6/10/3AN	3 mm	20	<b>1896340000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.5x3.0x80		1	<b>9008320000</b>
PAD 6/10/4		80	<b>1916160000</b>

WS 10/8

## Modular PE terminals

B

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data



<b>Rated data</b>	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Twin wire-end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-

#### Note

### Ordering data

<b>Version</b>	green/yellow Wemid
<b>Note</b>	

### Accessories

<b>Pluggable cross-connection</b>	2-pole
	
<b>End plate / partition</b>	Dark beige Wemid
<b>End bracket</b>	Dark beige Wemid
<b>Screwdriver</b>	Standard
<b>Cover</b>	With lightning flash symbol
	

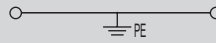
**PPE 16**

**16 mm<sup>2</sup>**

**2 connections**



12.1 x 81 x 48  
/ 16  
2.5...16



IEC 60947-7-2

Ex e ll  II 2 G D

IEC	UL	CSA	EN 60079-7
16	AWG 12...5	AWG 12...5	AWG 12...5
800			
8			
1920 A (16 mm <sup>2</sup> )			
3			
/ V-0			



#### Rated connection

2.5...16
2.5...16 / 2.5...16
14 / 1.0 x 5.5 mm

Type	Qty	Order No.
PPE 16	10	1896210000

Type	current	Qty	Order No.
ZQV 16/2	76 A	25	1739690000
<b>Width</b>			
PAP 16	3 mm	10	1896290000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000
PAD 16/4		80	1916170000

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

WS 10/12

**PDK 2.5/4**

**2.5 mm<sup>2</sup>**

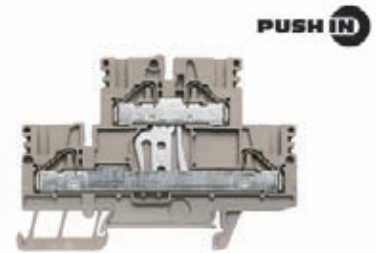
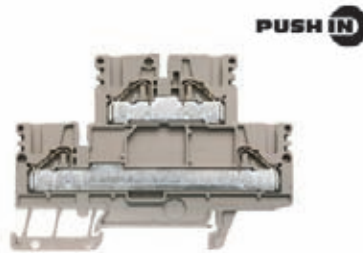
**PDK 2.5/4 V**

**2.5 mm<sup>2</sup>**

**Vertical cross-connected double-level terminal**

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



5.1 x 82.5 x 58	
<b>28 / 6</b>	
<b>0.13...6</b>	

5.1 x 82.5 x 58	
<b>28 / 6</b>	
<b>0.13...6</b>	

**Technical data**

<b>Rated data</b>	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Twin wire-end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-
<b>Note</b>	

IEC 60947-7-1	Ex e II			II 2 G D
<b>IEC</b>	<b>UL</b>	<b>CSA</b>		
800	600	600		
24				
2.5	AWG 26...10	AWG 26...10		
		8 / 3		
		/ V-0		
<b>Rated connection</b>				
0.5...6				
0.5...4 / 0.5...4				
0.5...2.5				
12 / 3.0 x 0.5 mm				
4 mm <sup>2</sup> conductor should be processed after crimping (according to Euro-Norm EN 60947-1), for example with PZ6/5, order no. 9011460000.				

IEC 60947-7-1	Ex e II			II 2 G D
<b>IEC</b>	<b>UL</b>	<b>CSA</b>		
800	600	600		
24				
2.5	AWG 26...10	AWG 26...10		
		8 / 3		
		/ V-0		
<b>Rated connection</b>				
0.5...6				
0.5...4 / 0.5...4				
0.5...2.5				
12 / 3.0 x 0.5 mm				
4 mm <sup>2</sup> conductor should be processed after crimping (according to Euro-Norm EN 60947-1), for example with PZ6/5, order no. 9011460000.				

**Ordering data**

<b>Version</b>	
	Dark beige Wemid
	Blue Wemid
<b>Note</b>	

<b>Type</b>	<b>Qty</b>	<b>Order No.</b>
PDK 2.5/4	50	<b>1918770000</b>
PDK 2.5/4 BL	50	<b>1918760000</b>
For use with 4 mm <sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)		

<b>Type</b>	<b>Qty</b>	<b>Order No.</b>
PDK 2.5/4V	50	<b>1918730000</b>
PDK 2.5/4V BL	50	<b>1918680000</b>
For use with 4 mm <sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)		

**Accessories**

<b>Pluggable cross-connection</b>	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
<b>End plate / partition</b>	
	Dark beige Wemid
<b>End bracket</b>	
	Dark beige Wemid
<b>Screwdriver</b>	
	Standard
<b>Reducing sleeves</b>	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
<b>Cover</b>	
	With lightning flash symbol

<b>Type</b>	<b>current</b>	<b>Qty</b>	<b>Order No.</b>
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
<b>Width</b>			
PAP PDK 2.5/4	3 mm	20	<b>1919720000</b>
<b>Width</b>			
ZEW 35	6 mm	20	<b>9540000000</b>
<b>Width</b>			
SD 0.5x3.0x80		1	<b>9008320000</b>
PRH 2.5/4/1		100	<b>1916410000</b>
PRH 2.5/4/2		100	<b>1916400000</b>
PAD 2.5/4/4		80	<b>1916150000</b>

<b>Type</b>	<b>current</b>	<b>Qty</b>	<b>Order No.</b>
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
<b>Width</b>			
PAP PDK 2.5/4	3 mm	20	<b>1919720000</b>
<b>Width</b>			
ZEW 35	6 mm	20	<b>9540000000</b>
<b>Width</b>			
SD 0.5x3.0x80		1	<b>9008320000</b>
PRH 2.5/4/1		100	<b>1916410000</b>
PRH 2.5/4/2		100	<b>1916400000</b>
PAD 2.5/4/4		80	<b>1916150000</b>

<b>Marking systems</b>	(see assortment in catalogue 7)
	DEK 5/5 / Snap Mark
<b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b>	

	DEK 5/5 / Snap Mark
Detailed information for working with twin ferrules can be found in the P Series Accessories section.	

	DEK 5/5 / Snap Mark
Detailed information for working with twin ferrules can be found in the P Series Accessories section.	

Double level terminals

B

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Twin wire-end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

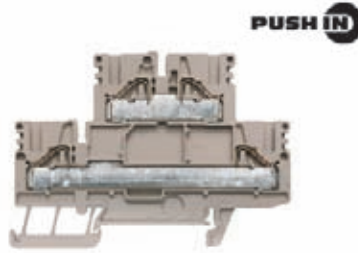
Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol

Marking systems	
	(see assortment in catalogue 7)
	DEK 5/5 / Snap Mark
For detailed information on other accessories and applications, refer to the „Accessories“ section	

PDK 2.5/4 N-L

2.5 mm<sup>2</sup>



5.1 x 82.5 x 58	
28 / 6	
0.13...6	

IEC 60947-7-1	Ex e II		Ex	II 2 G D
IEC	UL	CSA		
800	600	600		
24				
2.5	AWG 26...10	AWG 26...10		
			8 / 3	
			/ V-0	
Rated connection				
0.5...6				
0.5...4 / 0.5...4				
0.5...2.5				
12 / 3.0 x 0.5 mm				
4 mm <sup>2</sup> conductor should be processed after crimping (according to Euro-Norm EN 60947-1), for example with PZ6/5, order no. 9011460000.				

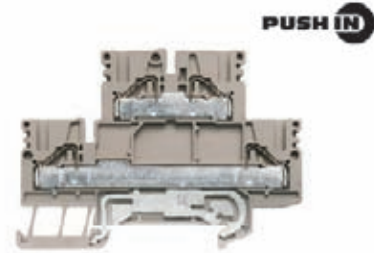
Type	Qty	Order No.
PDK 2.5/4N/L	50	1918740000
For use with 4 mm <sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
PAP PDK 2.5/4	3 mm	20	1919720000
ZEW 35	6 mm	20	9540000000
SD 0.5x3.0x80		1	9008320000
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000
PAD 2.5/4/4		80	1916150000

Marking systems	
	DEK 5/5 / Snap Mark
For detailed information on other accessories and applications, refer to the „Accessories“ section.	

PDK 2.5/4 L-PE

2.5 mm<sup>2</sup>



5.1 x 82.5 x 58	
28 / 6	
0.13...6	

IEC 60947-7-1	Ex e II		Ex	II 2 G D
IEC	UL	CSA		
800	600	600		
24				
2.5	AWG 26...10	AWG 26...10		
			8 / 3	
			/ V-0	
Rated connection				
0.5...6				
0.5...4 / 0.5...4				
0.5...2.5				
12 / 3.0 x 0.5 mm				
4 mm <sup>2</sup> conductor should be processed after crimping (according to Euro-Norm EN 60947-1), for example with PZ6/5, order no. 9011460000.				

Type	Qty	Order No.
PDK 2.5/4L-PE	50	1918720000
For use with 4 mm <sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)		

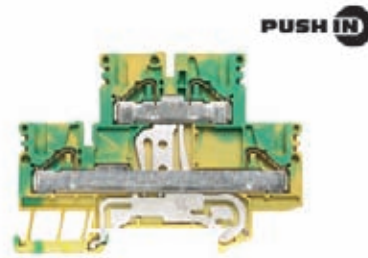
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
PAP PDK 2.5/4	3 mm	20	1919720000
ZEW 35	6 mm	20	9540000000
SD 0.5x3.0x80		1	9008320000
PRH 2.5/4/1		100	1916410000
PRH 2.5/4/2		100	1916400000
PAD 2.5/4/4		80	1916150000

Marking systems	
	DEK 5/5 / Snap Mark
For detailed information on other accessories and applications, refer to the „Accessories“ section.	



**PDK 2.5/4 PE**

**4 mm<sup>2</sup>**



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.1 x 82.5 x 58	
/ 6	
<b>0.13...6</b>	

**Technical data**

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Twin wire-end ferrule	mm <sup>2</sup>
Blade size	-

IEC 60947-7-2      Ex e II     II 2 GD

IEC	UL	CSA
4	AWG 26...10	AWG 26...10
800		
8		
	480 A (4 mm <sup>2</sup> )	
	3	
	/ V-0	

Rated connection
0.5...6
0.5...4 / 0.5...4
0.5...2.5

**Note**

4 mm<sup>2</sup> conductor should be processed after crimping (according to Euro-Norm EN 60947-1), for example with PZ6/5, order no. 9011460000.

**Ordering data**

Version	green/yellow Wemid
Note	

Type	Qty	Order No.
PDK 2.5/4 PE	50	<b>1918710000</b>
For use with 4 mm <sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)		

**Accessories**

End plate / partition	Dark beige Wemid
End bracket	Dark beige Wemid
Screwdriver	Standard
Reducing sleeves	For conductors < 0,5 mm <sup>2</sup> / AWG 20 For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	With lightning flash symbol



Type	Width	Qty	Order No.
PAP PDK 2.5/4	3 mm	20	<b>1919720000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.5x3.0x80		1	<b>9008320000</b>
PRH 2.5/4/1		100	<b>1916410000</b>
PRH 2.5/4/2		100	<b>1916400000</b>
PAD 2.5/4/4		80	<b>1916150000</b>

**Marking systems** (see assortment in catalogue 7)

Marking tags

DEK 5/5 / WS 10/5

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

**Test-disconnect terminals**

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Twin wire-end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

**Ordering data**

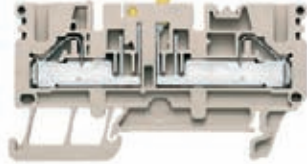
Version	
	Dark beige Wemid
	Blue Wemid
	Without isolator, Dark beige Wemid
Note	

**Accessories**

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Holder for cartridge fuse, 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max, 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	yellow Wemid
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

**PTR 2.5/4**

**2.5 mm<sup>2</sup>**



5.1 x 71 x 39.5	
<b>22 / 6</b>	
<b>0.13...6</b>	

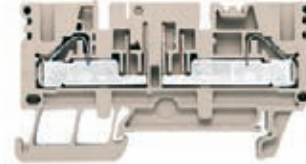
IEC 60947-7-1		
IEC	UL	CSA
500	300	300
22	10	10
2.5	AWG 26...10	AWG 26...10
6 / 3		
A3 / V-0		
UL		
Rated connection		
0.5...6		
0.5...4 / 0.5...4		
0.5...2.5		
12 / 0.6 x 3.5 mm		
PTR has two contact possibilities for the PS 2.3; 4 mm <sup>2</sup> conductor should be processed after crimping (according to EN 60947-1), for example with		

Type	Qty	Order No.
PTR 2.5/4	50	<b>1933950000</b>
PTR 2.5/4 BL	50	<b>1933970000</b>
For use with 4 mm <sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
PAP PTR2.5/4	3 mm	20	<b>1934680000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.5x3.0x80		1	<b>9008320000</b>
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
SIHA 3/G20	6 mm	25	<b>7921560000</b>
SIHA 3/G20/LD 10-36V	6 mm	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	6 mm	25	<b>7921600000</b>
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>
TNST		50	<b>1833090000</b>
DEK 5/5 / WS 10/5			
Detailed information for working with twin ferrules can be found in the P Series Accessories section.			

**PTR 2.5/4 O TNHE**

**2.5 mm<sup>2</sup>**



5.1 x 71 x 39.5	
<b>22 / 6</b>	
<b>0.13...6</b>	

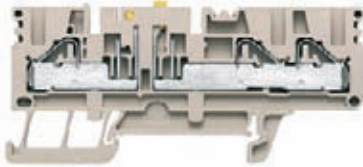
IEC 60947-7-1		
IEC	UL	CSA
500	300	300
22	10	10
2.5	AWG 26...10	AWG 26...10
6 / 3		
A3 / V-0		
UL		
Rated connection		
0.5...6		
0.5...4 / 0.5...4		
0.5...2.5		
12 / 0.6 x 3.5 mm		
PTR has two contact possibilities for the PS 2.3; 4 mm <sup>2</sup> conductor should be processed after crimping (according to EN 60947-1), for example with		

Type	Qty	Order No.
PTR 2.5/4 O TNHE	50	<b>1933910000</b>
For use with 4 mm <sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
PAP PTR2.5/4	3 mm	20	<b>1934680000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.5x3.0x80		1	<b>9008320000</b>
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
SIHA 3/G20	6 mm	25	<b>7921560000</b>
SIHA 3/G20/LD 10-36V	6 mm	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	6 mm	25	<b>7921600000</b>
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>
TNST		50	<b>1833090000</b>
DEK 5/5 / WS 10/5			
Detailed information for working with twin ferrules can be found in the P Series Accessories section.			

**PTR 2.5/4 3AN**

**2.5 mm<sup>2</sup>**



5.1 x 85 x 39.5  
**22 / 6**  
**0.13...6**



IEC 60947-7-1

IEC	UL	CSA
500	300	300
22	10	10
2.5	AWG 26...10	AWG 26...10
6 / 3		
A3 / V-0		



**Rated connection**

0.5...6  
0.5...4 / 0.5...4  
0.5...2.5  
12 / 0.6 x 3.5 mm

Contact can be applied to the PTR with the PS 2.3; process 4-mm<sup>2</sup> conductors with crimp, acc. to Euro-Norm EN 60947-1, for example with PZ6/5, order no. 9011460000

Type	Qty	Order No.
PTR 2.5/4/3AN	50	<b>1933980000</b>
PTR 2.5/4/3AN BL	50	<b>1933930000</b>

For use with 4 mm<sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)

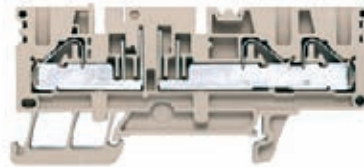
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
<b>Width</b>			
PAP PTR2.5/4/3AN	3 mm	20	<b>1934690000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.5x3.0x80		1	<b>9008320000</b>
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
SIHA 3/G20	6 mm	25	<b>7921560000</b>
SIHA 3/G20/LD 10-36V	6 mm	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	6 mm	25	<b>7921600000</b>
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>
TNST		50	<b>1833090000</b>

DEK 5/5 / WS 10/5

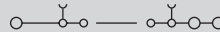
Detailed information for working with twin ferrules can be found in the P Series Accessories section.

**PTR 2.5/4 3AN O TNHE**

**2.5 mm<sup>2</sup>**



5.1 x 85 x 39.5  
**22 / 6**  
**0.13...6**



IEC 60947-7-1

IEC	UL	CSA
500	300	300
22	10	10
2.5	AWG 26...10	AWG 26...10
6 / 3		
A3 / V-0		



**Rated connection**

0.5...6  
0.5...4 / 0.5...4  
0.5...2.5  
12 / 0.6 x 3.5 mm

Contact can be applied to the PTR with the PS 2.3; process 4-mm<sup>2</sup> conductors with crimp, acc. to Euro-Norm EN 60947-1, for example with PZ6/5, order no. 9011460000

Type	Qty	Order No.
PTR 2.5/4/3AN O TNHE	50	<b>1933990000</b>

For use with 4 mm<sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)

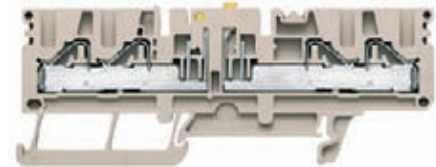
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
<b>Width</b>			
PAP PTR2.5/4/3AN	3 mm	20	<b>1934690000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.5x3.0x80		1	<b>9008320000</b>
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
SIHA 3/G20	6 mm	25	<b>7921560000</b>
SIHA 3/G20/LD 10-36V	6 mm	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	6 mm	25	<b>7921600000</b>
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>
TNST		50	<b>1833090000</b>

DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

**PTR 2.5/4 4AN**

**2.5 mm<sup>2</sup>**



5.1 x 99 x 39.5  
**22 / 6**  
**0.13...6**



IEC 60947-7-1

IEC	UL	CSA
500	300	300
22	10	10
2.5	AWG 26...10	AWG 26...10
6 / 3		
A3 / V-0		



**Rated connection**

0.5...6  
0.5...4 / 0.5...4  
0.5...2.5  
12 / 0.6 x 3.5 mm

PTR can be connected with the PS 2.3; 4 mm<sup>2</sup> conductor should be processed after crimping (according to EN 60947-1), for example with PZ6/5, order no. 9011460000

Type	Qty	Order No.
PTR 2.5/4/4AN	50	<b>1933940000</b>
PTR 2.5/4/4AN BL	50	<b>1934000000</b>

For use with 4 mm<sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
<b>Width</b>			
PAP PTR2.5/4/4AN	3 mm	20	<b>1934700000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.5x3.0x80		1	<b>9008320000</b>
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
SIHA 3/G20	6 mm	25	<b>7921560000</b>
SIHA 3/G20/LD 10-36V	6 mm	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	6 mm	25	<b>7921600000</b>
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>
TNST		50	<b>1833090000</b>

DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

## Test-disconnect terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

## Clamped conductors (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Twin wire-end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-

## Note

## Ordering data

Version	Dark beige Wemid Blue Wemid Without isolator, Dark beige Wemid
Note	

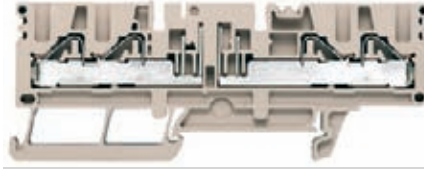
## Accessories

Pluggable cross-connection	2-pole 3-pole 4-pole 10-pole 20-/24-pole
End plate / partition	Dark beige Wemid
End bracket	Dark beige Wemid
Screwdriver	Standard
Testing / Checking	Test plug
Holder for cartridge fuse, 5 x 20mm	400 V AC/DC, without LED 10 - 36 V AC/DC, red LED 140 - 250 V AC/DC, red LED
Module connector (max, 250 V)	without fittings with wire jumper With 1N4007 diode
Disconnect plug	yellow Wemid

Marking systems	(see assortment in catalogue 7) Marking tags
-----------------	-------------------------------------------------

For detailed information on other accessories and applications, refer to the „Accessories“ section

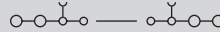
## PTR 2.5/4 4AN O TNHE

2.5 mm<sup>2</sup>

5.1 x 99 x 39.5

22 / 6

0.13...6



IEC 60947-7-1

IEC	UL	CSA
500	300	300
22	10	10
2.5	AWG 26...10	AWG 26...10
	6 / 3	
	A3 / V-0	



## Rated connection

0.5...6
0.5...4 / 0.5...4
0.5...2.5
12 / 0.6 x 3.5 mm

PTR can be connected with the PS 2.3; 4 mm<sup>2</sup> conductor should be processed after crimping (according to EN 60947-1), for example with PZB/5, order no. 9011460000

Type	Qty	Order No.
PTR 2.5/4/4AN O TNHE	50	1933890000

For use with 4 mm<sup>2</sup> conductors, with wire-end ferrules and cross-section-optimized plastic collars (order no. 9203630000)

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
PAP PTR2.5/4/4AN	3 mm	20	1934700000
ZEW 35	6 mm	20	9540000000
SD 0.5x3.0x80		1	9008320000
PS 2.3 RT	5.4 mm	20	0180400000
SIHA 3/G20	6 mm	25	7921560000
SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
SIHA 3/G20/LD 140-250V	6 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000

DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

**PDL 4/TR/DU O TNHE**

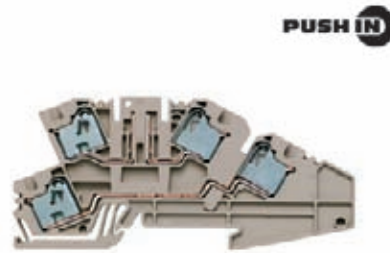
4 mm<sup>2</sup>

**PDL 4/TR/DU/PE O TNHE**

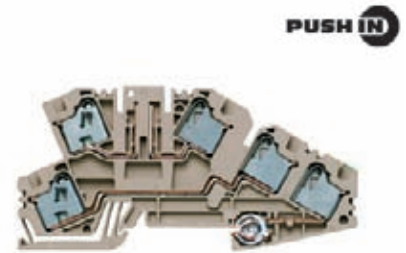
4 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



5.1 x 100 x 48.5	
/ 6	
0.08...6	



5.1 x 100 x 48.5	
/ 6	
0.08...6	

**Technical data**

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Twin wire-end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA
400	300	300
20	10	10
4	AWG 28...10	AWG 28...10
4 / 3		
/ V-0		

**Rated connection**

0.5...6
0.5...4 / 0.5...4
0.5...1.5
12 / 3.0 x 0.5 mm

**30A bottom level**  
**20A top level**

IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300	300
20	10	10
4	AWG 28...10	AWG 28...10
4 / 3		
/ V-0		

**Rated connection**

0.5...6
0.5...4 / 0.5...4
0.5...1.5
12 / 3.0 x 0.5 mm

**30A bottom level**  
**20A top level**

**Ordering data**

Version	
	Dark beige Wemid
	Without isolator, Dark beige Wemid
Note	

Type	Qty	Order No.
PDL 4/TR/DU O TNHE	50	1899210000
... without isolating lever. Suitable for the SIHA 3 fuse holder with G-fuse, for the BEST component plug and for the TNST isolating plug.		

Type	Qty	Order No.
PDL 4/TR/DU/PE O TNHE	50	1899220000
... without isolating lever. Suitable for the SIHA 3 fuse holder with G-fuse, for the BEST component plug and for the TNST isolating plug.		

**Accessories**

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Holder for cartridge fuse, 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max, 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	yellow Wemid

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
PAP PDL4	3 mm	20	1883210000
ZEW 35	6 mm	20	9540000000
SD 0.5x3.0x80		1	9008320000
SIHA 3/G20	6 mm	25	7921560000
SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
SIHA 3/G20/LD 140-250V	6 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
PAP PDL4	3 mm	20	1883210000
ZEW 35	6 mm	20	9540000000
SD 0.5x3.0x80		1	9008320000
SIHA 3/G20	6 mm	25	7921560000
SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
SIHA 3/G20/LD 140-250V	6 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

DEK 5/5 / WS 10/5	Detailed information for working with twin ferrules can be found in the P Series Accessories section.
-------------------	-------------------------------------------------------------------------------------------------------

DEK 5/5 / WS 10/5	Detailed information for working with twin ferrules can be found in the P Series Accessories section.
-------------------	-------------------------------------------------------------------------------------------------------

## Test-disconnect terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	Approvals
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Twin wire-end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Without isolator, Dark beige Wemid
Note	

### Accessories

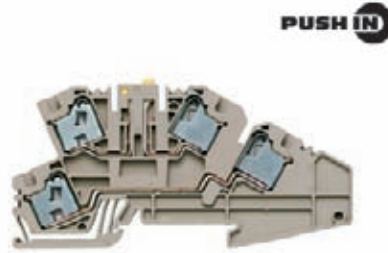
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Holder for cartridge fuse, 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max, 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	yellow Wemid

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## PDL 4/TR/DU

4 mm<sup>2</sup>

With isolator



5.1 x 100 x 48.5	
/ 6	
0.08...6	

IEC 60947-7-1		
IEC	UL	CSA
400	300	300
20	10	10
4	AWG 28...10	AWG 28...10
		4 / 3
		/ V-0
Rated connection		
0.5...6		
0.5...4 / 0.5...4		
0.5...1.5		
12 / 3.0 x 0.5 mm		
30A bottom level		
20A top level		

Type	Qty	Order No.
PDL 4/TR/DU	50	1899190000
Without isolator: PDL 4 TR/DU O TNHE		
Order no.: 1899210000		

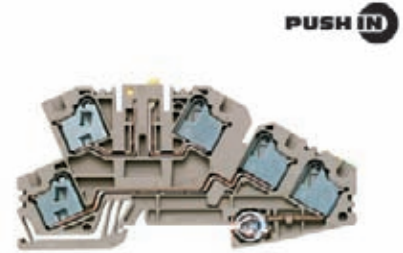
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
PAP PDL4	3 mm	20	1883210000
ZEW 35	6 mm	20	9540000000
SD 0.5x3.0x80		1	9008320000
SIHA 3/G20	6 mm	25	7921560000
SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
SIHA 3/G20/LD 140-250V	6 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000

Marking systems	(see assortment in catalogue 7)
	DEK 5/5 / WS 10/5
Detailed information for working with twin ferrules can be found in the P Series Accessories section.	

## PDL 4/TR/DU/PE

4 mm<sup>2</sup>

With isolator



5.1 x 100 x 48.5	
/ 6	
0.08...6	

IEC 60947-7-1 (-7-2)		
IEC	UL	CSA
400	300	300
20	10	10
4	AWG 28...10	AWG 28...10
		4 / 3
		/ V-0
Rated connection		
0.5...6		
0.5...4 / 0.5...4		
0.5...1.5		
12 / 3.0 x 0.5 mm		
30A bottom level		
20A top level		

Type	Qty	Order No.
PDL 4/TR/DU/PE	50	1899200000
Without isolator: PDL 4 TR/DU/PE O TNHE		
Order no.: 1899220000		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
PAP PDL4	3 mm	20	1883210000
ZEW 35	6 mm	20	9540000000
SD 0.5x3.0x80		1	9008320000
SIHA 3/G20	6 mm	25	7921560000
SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
SIHA 3/G20/LD 140-250V	6 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000

Marking systems	(see assortment in catalogue 7)
	DEK 5/5 / WS 10/5
Detailed information for working with twin ferrules can be found in the P Series Accessories section.	



**Neutral conductor disconnect terminals**

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Twin wire-end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-
<b>Note</b>	

**Ordering data**

Version	
	Blue Wemid
<b>Note</b>	

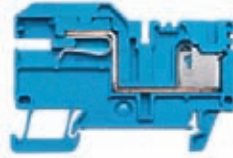
**Accessories**

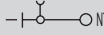
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
Mounting plate for 10 x 3 (required every 20 cm)	
	Blue Wemid For a vertical installation position
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
	OK, Busbar up to OK, TS35 = 25,5 mm
Clamping yoke for power supply to 10 x 3 busbars	
	Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup>
	rigid / flexible 6 - 16 mm <sup>2</sup>
	Flexible 16 - 35 mm <sup>2</sup>

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

**PNT 2.5/4**

4 mm<sup>2</sup>



5.1 x 63.5 x 43	
/ 6	
0.08...6	

IEC 60947-7-1			
IEC	UL	CSA	
250			
32			
4			
		4 / 3	
		/ V-0	
<b>Rated connection</b>			
0.5...6			
2.5...4 / 0.5...4			
...1.5			
12 / 3.0 x 0.5 mm			

Type	Qty	Order No.
PNT 2.5/4	50	1896360000

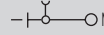
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
PHP PNT 2.5/4	3 mm	20	1896390000
PHP PNT 2.5/4 SO	3 mm	20	1916790000
<b>Width</b>			
ZEW 35	6 mm	20	9540000000
<b>Width</b>			
SD 0.5x3.0x80		1	9008320000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZF 4 S BL	22 mm	50	1814660000
ZB 16K BL	10 mm	50	0502880000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/5 / WS 10/5
-------------------

**PNT 6/10**

10 mm<sup>2</sup>



8.1 x 72.5 x 46	
/ 10	
1.5...10	

IEC 60947-7-1			
IEC	UL	CSA	
250			
57			
10	AWG 16...8	AWG 16...8	
		8 / 3	
		/ V-0	
<b>Rated connection</b>			
1.5...10			
1.5...10 / 1.5...10			
14 / 0.6 x 3.5 mm			

Type	Qty	Order No.
PNT 6/10	25	1896370000

Type	current	Qty	Order No.
ZQV 6N/2		60	1906210000
ZQV 6N/3		60	1906220000
ZQV 6N/4		60	1906230000
ZQV 6N/20		20	1906240000
Width			
PHP PNT 6/10	3 mm	10	1896100000
PHP PNT 6/10 SO	3 mm	10	1919710000
<b>Width</b>			
ZEW 35	6 mm	20	9540000000
<b>Width</b>			
SD 0.5x3.0x80		1	9008320000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZF 4 S BL	22 mm	50	1814660000
ZB 16K BL	10 mm	50	0502880000
ZB 35/M6X16	14 mm	20	0266500000

WS 10/8
---------



Distribution terminals for 10 x 3

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Twin wire-end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-

Note


Ordering data

Version	
	Dark beige Wemid
Note	

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / partition	
	Dark beige Wemid

Mounting plate for 10 x 3 (required every 20 cm)	
	Blue Wemid
	For a vertical installation position

End bracket	
	Dark beige Wemid

Screwdriver	
	Standard

Busbar 10 x 3 (140 A)	
	OK, Busbar up to OK, TS35 = 25,5 mm

Clamping yoke for power supply to 10 x 3 busbars	
	Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup>
	rigid / flexible 6 - 16 mm <sup>2</sup>
	Flexible 16 - 35 mm <sup>2</sup>


Marking systems	
	(see assortment in catalogue 7)
	Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

PDL4 S/NT/L/PE

4 mm<sup>2</sup>



5.1 x 100 x 48.5	
36 / 6	
0.08...6	

IEC 60947-7-1 (-7-2)		
IEC	UL	CSA
400		
32		
4		
	6 / 3	
	A3 / V-0	

Rated connection	
0.5...6 / 1.5...4	
0.5...4 / 0.5...4	
0.5...1.5	
12 / 3.0 x 0.5 mm	

Type	Qty	Order No.
PDL 4 S/NT/L/PE	50	1837060000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000

Width	
PAP PDL4S	3 mm 20 1837070000

PHP PDL	20	1837090000
PHP PDL SO	20	1837080000

ZEW 35/2	8 mm	20	8630740000
----------	------	----	------------

SDI 0,4x2,5x75	1	9008370000
----------------	---	------------

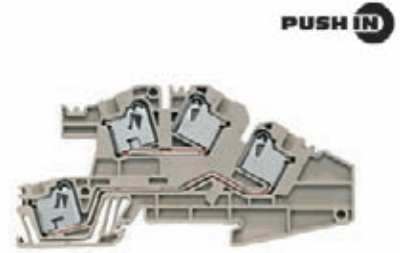
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
----------------------	-------	---	------------

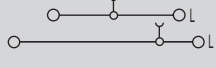
ZF 4 S BL	22 mm	50	1814660000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/5
---------

PDL4 S/L/L

4 mm<sup>2</sup>



5.1 x 100 x 48.5	
36 / 6	
0.08...6	

IEC 60947-7-1		
IEC	UL	CSA
400		
32		
4		
	6 / 3	
	A3 / V-0	

Rated connection	
0.5...6 / 1.5...4	
0.5...4 / 0.5...4	
0.5...1.5	
12 / 3.0 x 0.5 mm	

Type	Qty	Order No.
PDL 4 S/L/L	50	1837030000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000

Width	
PAP PDL4S	3 mm 20 1837070000

PHP PDL	20	1837090000
PHP PDL SO	20	1837080000

ZEW 35/2	8 mm	20	8630740000
----------	------	----	------------

SDI 0,4x2,5x75	1	9008370000
----------------	---	------------

SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
----------------------	-------	---	------------

ZF 4 S BL	22 mm	50	1814660000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/5
---------

**Installation terminals**

**Distribution terminals for 10 x 3**

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Twin wire-end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-
<b>Note</b>	

**Ordering data**

Version	
	Dark beige Wemid
<b>Note</b>	

**Accessories**

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
Mounting plate for 10 x 3 (required every 20 cm)	
	Blue Wemid
	For a vertical installation position
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
	OK, Busbar up to OK, TS35 = 25,5 mm
Clamping yoke for power supply to 10 x 3 busbars	
	Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup>
	rigid / flexible 6 - 16 mm <sup>2</sup>
	Flexible 16 - 35 mm <sup>2</sup>
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

**PDL 4 S/L**

**4 mm<sup>2</sup>**



5.1 x 100 x 48.5	
<b>36 / 6</b>	
<b>0.08...6</b>	

IEC 60947-7-1		
IEC	UL	CSA
400		
32		
4		
	6 / 3	
	A3 / V0	
<b>Rated connection</b>		
0.5...6 / 1.5...4		
0.5...4 / 0.5...4		
0.5...1.5		
12 / 3.0 x 0.5 mm		
Can be used with ultrasonically welded conductors ranging from 0.5 ... 4 mm <sup>2</sup> .		

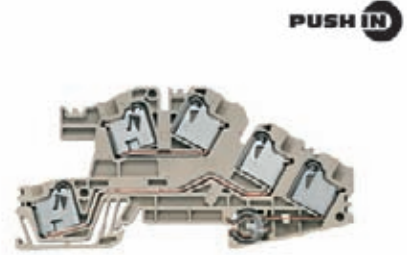
Type	Qty	Order No.
PDL 4 S/L	50	<b>1847610000</b>

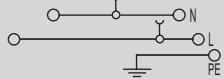
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
Width			
PAP PDL4S	3 mm	20	<b>1837070000</b>
PHP PDL		20	<b>1837090000</b>
PHP PDL SO		20	<b>1837080000</b>
ZEW 35/2	8 mm	20	<b>8630740000</b>
SDI 0,4x2,5x75		1	<b>9008370000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZF 4 S BL	22 mm	50	<b>1814660000</b>
ZB 16 ZKSC	10 mm	50	<b>0316600000</b>
ZB 35/M6X16	14 mm	20	<b>0266500000</b>

DEK 5/5
---------

**PDL4 S/N/L/PE**

**4 mm<sup>2</sup>**



5.1 x 100 x 48.5	
<b>36 / 6</b>	
<b>0.08...6</b>	

IEC 60947-7-1 (-7-2)		
IEC	UL	CSA
400		
32		
4		
	6 / 3	
	A3 / V-0	
<b>Rated connection</b>		
0.5...6 / 1.5...4		
0.5...4 / 0.5...4		
0.5...1.5		
12 / 3.0 x 0.5 mm		

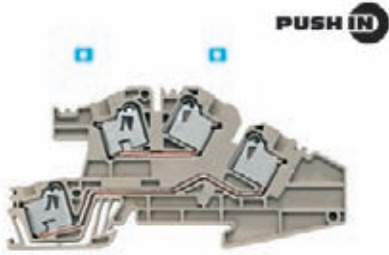
Type	Qty	Order No.
PDL 4 S/N/L/PE	50	<b>1837050000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
Width			
PAP PDL4S	3 mm	20	<b>1837070000</b>
PHP PDL		20	<b>1837090000</b>
PHP PDL SO		20	<b>1837080000</b>
ZEW 35/2	8 mm	20	<b>8630740000</b>
SDI 0,4x2,5x75		1	<b>9008370000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZF 4 S BL	22 mm	50	<b>1814660000</b>
ZB 16 ZKSC	10 mm	50	<b>0316600000</b>
ZB 35/M6X16	14 mm	20	<b>0266500000</b>

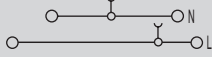
DEK 5/5
---------

**PDL 4 S/N/L**

4 mm<sup>2</sup>



5.1 x 100 x 48.5  
**36 / 6**  
**0.08...6**



IEC 60947-7-1

IEC	UL	CSA
400		
32		
4		
	6 / 3	
	A3 / V-0	

KEF

**Rated connection**

0.5...6 / 1.5...4  
 0.5...4 / 0.5...4  
 0.5...1.5  
 12 / 3.0 x 0.5 mm

Type	Qty	Order No.
PDL 4 S/N/L	50	1847630000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
<b>Width</b>			
PAP PDL4S	3 mm	20	1837070000
PHP PDL		20	1837090000
PHP PDL SO		20	1837080000
ZEW 35/2	8 mm	20	8630740000
SDI 0,4x2,5x75		1	9008370000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZF 4 S BL	22 mm	50	1814660000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

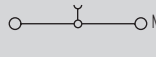
DEK 5/5

**PDL 4 S/N**

4 mm<sup>2</sup>



5.1 x 100 x 48.5  
**36 / 6**  
**0.08...6**



IEC 60947-7-1

IEC	UL	CSA
400		
32		
4		
	6 / 3	
	A3 / V-0	

KEF

**Rated connection**

0.5...6 / 1.5...4  
 0.5...4 / 0.5...4  
 0.5...1.5  
 12 / 3.0 x 0.5 mm

Type	Qty	Order No.
PDL 4 S/N	50	1847620000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
<b>Width</b>			
PAP PDL4S	3 mm	20	1837070000
PHP PDL		20	1837090000
PHP PDL SO		20	1837080000
ZEW 35/2	8 mm	20	8630740000
SDI 0,4x2,5x75		1	9008370000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZF 4 S BL	22 mm	50	1814660000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

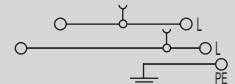
DEK 5/5

**PDL4 S/L/L/PE**

4 mm<sup>2</sup>



5.1 x 100 x 48.5  
**36 / 6**  
**0.08...6**



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400		
32		
4		
	6 / 3	
	A3 / V-0	

KEF

**Rated connection**

0.5...6 / 1.5...4  
 0.5...4 / 0.5...4  
 0.5...1.5  
 12 / 3.0 x 0.5 mm

Type	Qty	Order No.
PDL 4 S/L/L/PE	50	1837040000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
<b>Width</b>			
PAP PDL4S	3 mm	20	1837070000
PHP PDL		20	1837090000
PHP PDL SO		20	1837080000
ZEW 35/2	8 mm	20	8630740000
SDI 0,4x2,5x75		1	9008370000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZF 4 S BL	22 mm	50	1814660000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/5

**Installation terminals**

**Modular distribution terminals**

**PDL4 NT/L/PE**

**4 mm<sup>2</sup>**

**PDL4 NT/L**

**4 mm<sup>2</sup>**



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.1 x 100 x 48.5	
/ 6	
<b>0.08...6</b>	

5.1 x 100 x 48.5	
/ 6	
<b>0.08...6</b>	

**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Twin wire-end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA
400	300	300
20	10	10
4	AWG 28...10	AWG 28...10
6 / 3		
A3 / V0		
Rated connection		
0.5...6 / 1.5...4		
0.5...4 / 0.5...4		
0.5...1.5		
12 / 3.0 x 0.5 mm		
30A bottom level		
20A top level		

IEC	UL	CSA
400	300	300
20	10	10
4	AWG 28...10	AWG 28...10
6 / 3		
A3 / V0		
Rated connection		
0.5...6 / 1.5...4		
0.5...4 / 0.5...4		
0.5...1.5		
12 / 3.0 x 0.5 mm		
30A bottom level		
20A top level		

**Ordering data**

Version	
	Dark beige Wemid
Note	

Type	Qty	Order No.
PDL 4/NT/L/PE	50	<b>1882620000</b>

Type	Qty	Order No.
PDL 4/NT/L	50	<b>1882600000</b>

**Accessories**

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
Width			
PAP PDL4	3 mm	20	<b>1883210000</b>
ZEW 35/2	8 mm	20	<b>8630740000</b>
SDI 0,4x2,5x75		1	<b>9008370000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
Width			
PAP PDL4	3 mm	20	<b>1883210000</b>
ZEW 35/2	8 mm	20	<b>8630740000</b>
SDI 0,4x2,5x75		1	<b>9008370000</b>

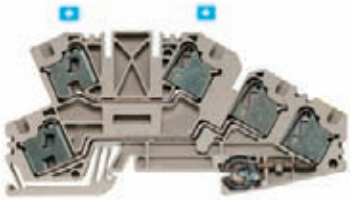
**Marking systems** (see assortment in catalogue 7)  
Marking tags  
**For detailed information on other accessories and applications, refer to the „Accessories“ section**

DEK 5/5

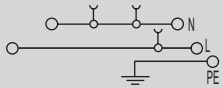
DEK 5/5

**PDL4 N/L/PE**

4 mm<sup>2</sup>



5.1 x 100 x 48.5  
/ 6  
0.08...6



IEC	UL	CSA
400		
32		
4		
	6 / 3	
	A3 / V-0	

**Rated connection**

0.5...6 / 1.5...4
0.5...4 / 0.5...4
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty	Order No.
PDL 4/N/L/PE	50	1899180000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
<b>Width</b>			
PAP PDL4	3 mm	20	1883210000
ZEW 35/2	8 mm	20	8630740000
SDI 0,4x2,5x75		1	9008370000

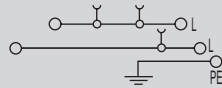
DEK 5/5

**PDL4 L/L/PE**

4 mm<sup>2</sup>



5.1 x 100 x 48.5  
/ 6  
0.08...6



IEC	UL	CSA
400		
32		
4		
	6 / 3	
	A3 / V-0	

**Rated connection**

0.5...6 / 1.5...4
0.5...4 / 0.5...4
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty	Order No.
PDL 4/L/L/PE	50	1882610000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
<b>Width</b>			
PAP PDL4	3 mm	20	1883210000
ZEW 35/2	8 mm	20	8630740000
SDI 0,4x2,5x75		1	9008370000

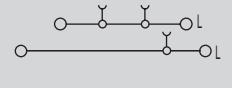
DEK 5/5

**PDL4 L/L**

4 mm<sup>2</sup>



5.1 x 100 x 48.5  
/ 6  
0.08...6



IEC	UL	CSA
400		
32		
4		
	6 / 3	
	A3 / V-0	

**Rated connection**

0.5...6 / 1.5...4
0.5...4 / 0.5...4
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty	Order No.
PDL 4/L/L	50	1882590000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
<b>Width</b>			
PAP PDL4	3 mm	20	1883210000
ZEW 35/2	8 mm	20	8630740000
SDI 0,4x2,5x75		1	9008370000

DEK 5/5



# The additional functions

## Introduction

The accessories for the other ranges of modular terminals can also be used with the P-Series in order to reduce the number of variations. The use of accessories, enable users to adapt and mould the Terminals, to perfect match the needs of the application.

All Weidmüller accessories are built to the same high quality standards as the terminals themselves.

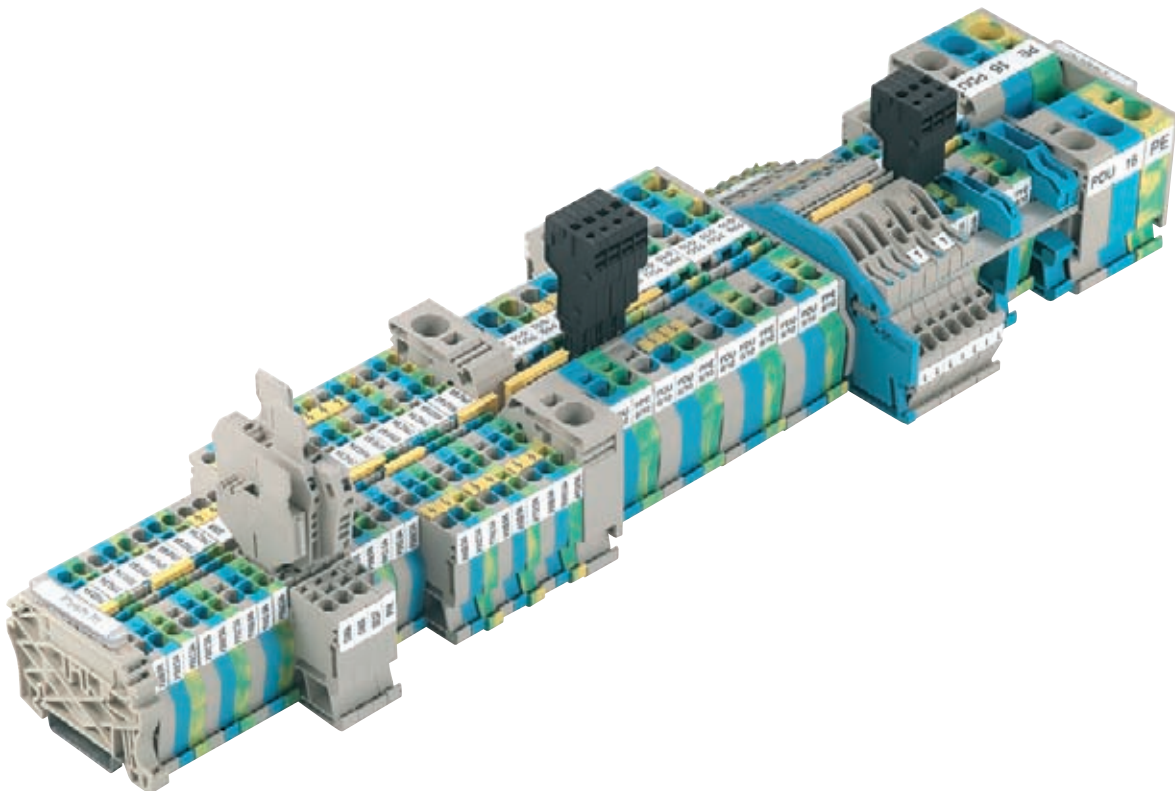
## Retaining and end plates

Page B.28



End plates cover the open side of the terminals. This ensures touch protection for fingers and hands.

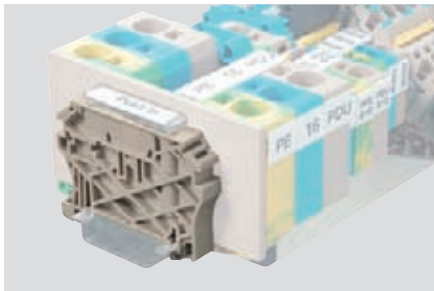
Retaining plates, which for the P-Series also function as end plates, must be positioned every 200 mm when using the 10 x 3 busbar.





**Fastening**

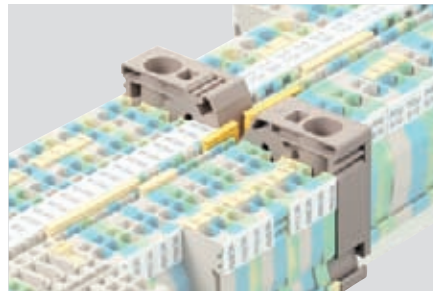
Chapter G



An end bracket is fitted on the mounting rail to the right and left of the terminals to ensure that they sit firmly in position. The marking surface of the end bracket can also be used for group marking. Details of the wide range of Weidmüller end brackets and mounting rails are given in **chapter G**.

**Electrical supply**

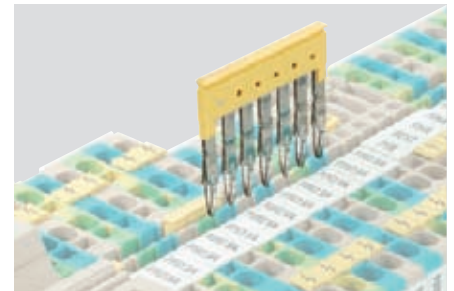
Page B.29



There are three options for supplying power to the Weidmüller Push In modular terminals:  
with the **PEI 16** supply terminal and with the PDU 6/10 or PDU 2.5/4 feed-through terminal. The input current is split into several output currents by means of cross-connections. A 16 mm<sup>2</sup> conductor carries the incoming supply, which is distributed to the neighbouring terminals for cross-sections from 0.5 to 10 mm<sup>2</sup>.

**Electrical distribution**

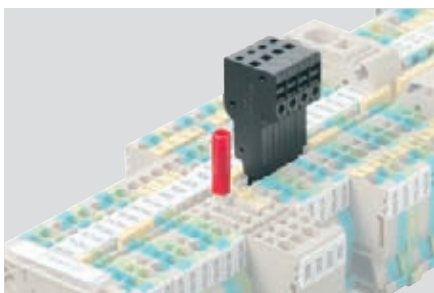
Page B.30



A pluggable **cross-connection system (ZQV)** is available for all P-Series terminals. The current is distributed across any number of terminals by simply plugging the cross-connection into the middle of the terminals. As a rule, 400 V can be conveyed across the cross-section, depending on the rated voltage of the terminal.

**Testing**

Page B.32



The plug-in **test adapter (PTA)** is used as a single unit and as a test adapter strip for voltage measurement in control cabinets. The test adapter is ideal for convenient, testing of assembled terminals. It is simply clipped into the cross-connection channel of the terminal. This ensures that it makes contact with the busbar carrying the current.

**Marking**

Page B.32



Weidmüller's marking systems in **chapter G** are used to mark Push In technology terminals. Individual terminals, groups of terminals and cables or conductors can be marked. Marker strips are available for every size of terminal, which means that several terminals can be marked together.

**Connecting**

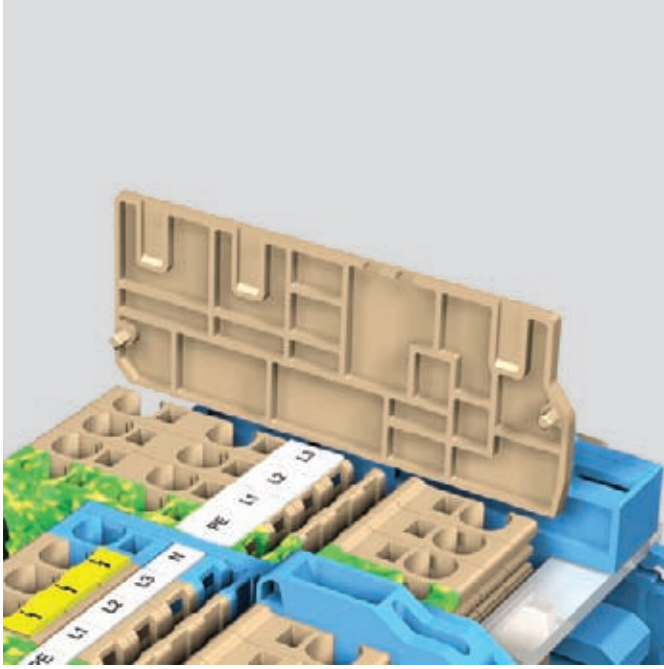
Page B.35



The Push-In connection saves time and requires solid single-core wires or wire-end ferrules. Ferrules have well-established installation advantages. In addition, they guarantee an electrical connection of permanent and consistent quantity. By using twin ferrules, it is possible to connect two wires in one terminal point.

## Accessories - Support and end plates

### Support plates and end plates



#### Touch-safe protection

With only a few exceptions, the last terminal in a terminal strip must be closed off with a PAP-type end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes. This ensures the touch-safe requirement is met for live voltage components. The terminals have touch protection.

#### Ensuring the operating voltage

End plates can also be used to maintain the required clearance and creepage distances, in order to guarantee the rated voltage for the application. They can be used, for example, when cross-connections are used side-by-side.

#### Contour matching

The outer dimensions of the end plates match the external dimensions of the associated terminal.

#### Mounting

The end plate's snap-in pegs allow it to be simply fitted on to the corresponding terminal. The corresponding indentations in the terminal are used to ensure that position follows the identical contours.

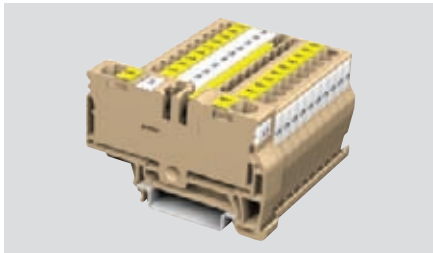
### Ordering data

Type	Colour	Qty	Order No.	For terminal:
<b>Width 3 mm</b>				
PAP 2.5/4	dark beige	50	<b>1896300000</b>	PDU 2.5/4 PDU 2.5/4 BL PNT 2.5/4 PPE 2.5/4
<b>Width 3 mm</b>				
PAP 2.5/4/3AN	dark beige	50	<b>1896480000</b>	PDU 2.5/4 3AN PDU 2.5/4 3AN BL PPE 2.5/4 3AN
<b>Width 3 mm</b>				
PAP 2.5/4/4AN	dark beige	50	<b>1896320000</b>	PDU 2.5/4 2x2 PDU 2.5/4 4AN PDU 2.5/4 4AN BL PPE 2.5/4 4AN
<b>Width 3 mm</b>				
PHP PNT 2.5/4	blue	20	<b>1896390000</b>	PNT 2.5/4
<b>Width 3 mm</b>				
PAP PDK 2.5/4	dark beige	20	<b>1919720000</b>	PDK 2.5/4 PDK 2.5/4 BL PDK 2.5/4 PE PDK 2.5/4L-PE PDK 2.5/4N-L PDK 2.5/4V PDK 2.5/4V BL
<b>Width 3 mm</b>				
PAP PDU6/10	dark beige	20	<b>1896330000</b>	PDU 6/10 PDU 6/10 BL PPE 6/10 PPE 6/10 3AN
<b>Width 3 mm</b>				
PAP PDU6/10/3AN	dark beige	20	<b>1896340000</b>	PDU 6/10 3AN PDU 6/10 3AN BL
<b>Width 3 mm</b>				
PHP PNT 6/10	blue	10	<b>1896100000</b>	PNT 6/10
<b>Width 3 mm</b>				
PAP 16	dark beige	10	<b>1896290000</b>	PDU 16 PDU 16 BL PPE 16
<b>Width 3 mm</b>				
PHP PNT16	blue	10	<b>1896380000</b>	PNT 16

### Feeding with standard terminals

Using standard terminals for the supply is ideal because the feed-through terminals of the P-Series exhibit a very wide clamping range.

### Left-hand feed



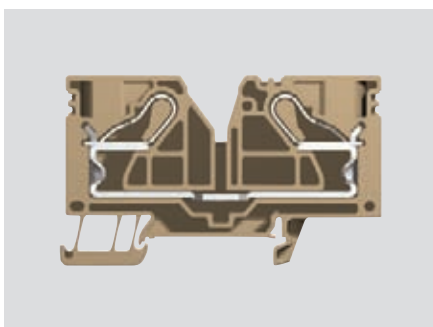
### Right-hand feed



### Feed options and cross-connections to be used

Feed terminal	Output terminal	Cross-connection	Left-hand feed	Right-hand feed
PDU 2.5/4	PDU 2.5/4	ZQV 2.5/...	•	•
	PDU 2.5/4/3AN	ZQV 2.5/...	•	
	PDU 2.5/4/4AN	ZQV 2.5/...	•	
	PTR 2.5/4	ZQV 2.5/...	•	
PDU 2.5/4/3AN	PDU 2.5/4	ZQV 2.5/...		•
	PDU 2.5/4/3AN	ZQV 2.5/...	•	•
	PDU 2.5/4/4AN	ZQV 2.5/...	•	
PDU 2.5/4/4AN	PDU 2.5/4	ZQV 2.5/...		•
	PDU 2.5/4/3AN	ZQV 2.5/...		•
	PDU 2.5/4/4AN	ZQV 2.5/...	•	•
PTR 2.5/4	PKD 2.5/4	ZQV 2.5/...	•	
PDU 6/10	PDU 2.5/4	ZQV 2.5/...		•
	PDU 2.5/4/4AN	ZQV 2.5/...	•	
	PDU 6/10	ZQV 6N/...	•	•
	PDU 6/10/3AN	ZQV 6N/...	•	
PDU 6/10/3AN	PTR 2.5/4	ZQV 2.5/...		•
	PDU 2.5/4	ZQV 2.5/...		•
	PDU 2.5/4/3AN	ZQV 2.5/...		•
	PDU 6/10	ZQV 6N/...	•	
	PDU 6/10/3AN	ZQV 6N/...	•	•
PTR 2.5/4	PDU 2.5/4	ZQV 2.5/...		•
	PDU 6/10/3AN	ZQV 6N/...		•

### Feed terminal PEI 16

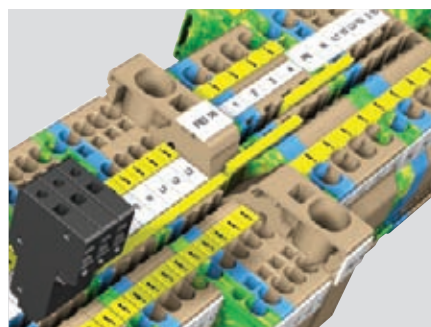


A supply cable with a cross-section of up to 25 mm<sup>2</sup> is possible with the PEI 16 feed terminal.

Standard cross-connections are used to distribute the current to any number of terminals with a smaller cross-section.

The table on the right shows a number of variations for distributing the current with the cross-connection specified.

### Output possible on left and right



### Output options and cross-connections to be used

Feed terminal	Output terminal	Cross-connection	Left-hand feed	Right-hand feed
PEI 16	PDU 2.5/4	ZQV 2.5/...	•	•
	PDU 2.5/4/3AN	ZQV 2.5/...	•	•
	PDU 2.5/4/4AN	ZQV 2.5/...	•	•
	PTR 2.5/4	ZQV 2.5/...		•
	PDU 6/10	ZQV 6N...	•	•
	PDU 6/10 3AN	ZQV 6N...	•	•

## Accessories – Electrical distribution

### Plug-in cross-connection ZQV



The time-saving, easy-to-use cross-connection combs for terminals, featuring Push In technology.

- **ZQV 2.5** as 2- to 10-pole combs and ZQV2.5/20 – continuous (20-pole)
- **ZQV 6/N** as 2- to 4-pole combs and ZQV6N/20 – continuous (24-pole)
- **ZQV 16/2** as 2-pole comb (link)

These versions come with complete shock protection.

### Tailor-made cross-connections

ZQV is a cross-connection which can be used for connecting up to 20 individual terminals easily and quickly. The fitter simply cuts off the required number of poles from the 20-pole cross-connection comb.

With this system, cross-connections with the correct number of poles are always available and only a minimum of storage space is required.

The ends of the continuous cross-connection are bare. In the interests of stability, 2-pole cross-connections are not permitted. An end cover plate must always be fitted to neighbouring ZQVs with bare cut edges.

### Breaking out contact elements

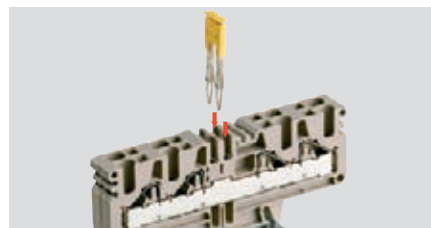
Breaking out one or more (max. 60 %) contact elements from cross-connections enables certain terminals to be bypassed to suit the application.



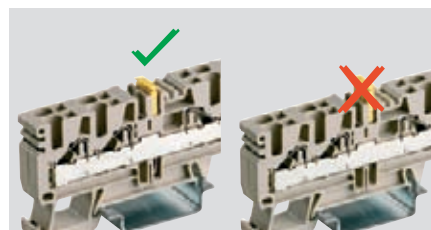
### Fitting and changing cross-connections

The fitting and changing of cross-connections is a trouble-free and fast operation:

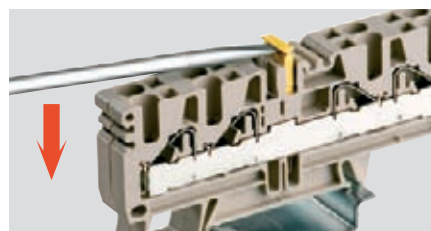
- Insert the cross-connection into the cross-connection channel in the terminal...



... and press it fully home. (The cross-connection may not project from the channel.)



- Remove a cross-connection by simply prising it out with a screwdriver.

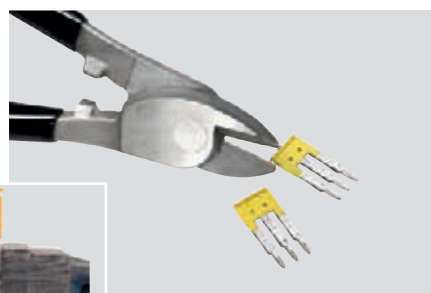


### Shortening cross-connections

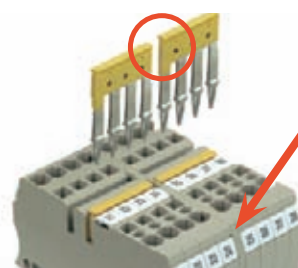
Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order no. 9002170000). However, three contact elements must always be retained.

#### Caution:

Contact elements must not be deformed!



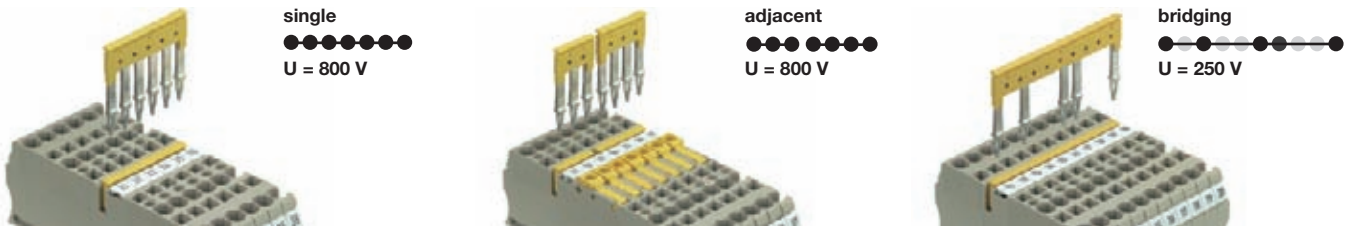
An end plate (PAP) must be fitted between the bare cut edges of two cross-connections in order to maintain the rated voltage.



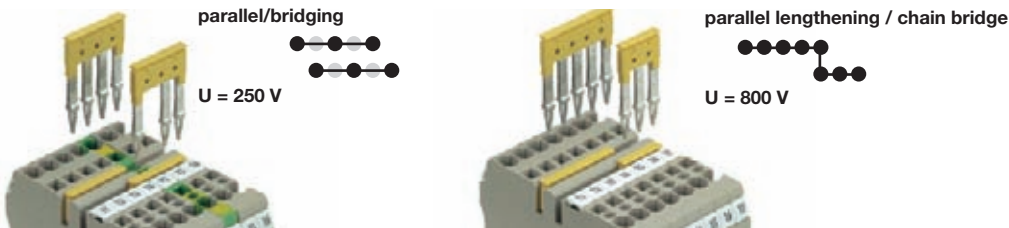


Possible combinations

In one cross-connection channel



In two cross-connection channels



Possible cross-connections of terminals of the same type with corresponding cross-connectors

Terminal type	Cross-connection	single	adjacent	bridging	parallel bridging	chain bridge parallel/lengthening
Standard terminals						
PDU 2.5/4	ZQV 2.5/...	•	•	•	•	•
PDU 2.5/4/3AN	ZQV 2.5/...	•	•	•	•	•
PDU 2.5/4/4AN	ZQV 2.5/...	•	•	•	•	•
PDU 6/10	ZQV 6N/...	•	•	•	•	•
PDU 6/10/3AN	ZQV 6N/...	•	•	•	•	•
PDU 16	ZQV 16/2	•	•			•

The ZQV 2.5/20 cross-connector allows you to easily and separately connect up to 20 terminals with each other. The electrician can cut off the required amount of contact elements from the continuous 20-pole cross-connection comb.

ZQV 2.5



ZQV 6 N



ZQV 16/2



Technical data	
Current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	

24 / 24			
Type	Qty	Order No.	
ZQV 2.5/2	60	1608860000	
ZQV 2.5/3	60	1608870000	
ZQV 2.5/4	60	1608880000	
ZQV 2.5/5	20	1608890000	
ZQV 2.5/6	20	1608900000	
ZQV 2.5/7	20	1608910000	
ZQV 2.5/8	20	1608920000	
ZQV 2.5/9	20	1608930000	
ZQV 2.5/10	20	1608940000	
ZQV 2.5/20	20	1908960000	
<b>For terminal:</b>			
PDL 4 ...			
PDL 4S ...			
PDU 2.5/4 ...			
PDIC 2.5/4			

76 / 76			
Type	Qty	Order No.	
ZQV 6N/2	60	1906210000	
ZQV 6N/3	60	1906220000	
ZQV 6N/4	60	1906230000	
ZQV 6N/20	20	1906240000	
<b>For terminal:</b>			
PDU 6/10			
PDU 6/10 3AN			
PNT 6/10			

76 / 76			
Type	Qty	Order No.	
ZQV 16/2	25	1739690000	
<b>For terminal:</b>			
PDU 16			

## Accessories - Testing / checking

### Test adapter

The clip-on test adapter PTA is used as a single thin element and as a test adapter strip for voltage measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup> can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions		5.1 / 20 / 59		
Width / Length / Height	mm			
Stripping length	mm	6		
Rated data				
Rated voltage	V	250		
Rated current	A	17.5		
Rated cross-section	mm <sup>2</sup>	1.5		
Clamped conductors (H05V/H07V)				
solid / stranded	mm <sup>2</sup>	0.5...1.5		
flexible / Flexible with ferrule	mm <sup>2</sup>	0.5...1.5 / 0.5...1.5		
Ordering data		Type	Qty	Order No.
	1-pole	PTA PDU2.5/4	25	1916180000
	With snap-in pegs	PTA ZA PDU2.5/4	25	1916190000
For terminal:		PDU 2.5/4		

### PTA

#### With assembly peg



### Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the clamping point without the strands fraying. The use of a reducing sleeve centres the conductor in the entry point. Packaged in sets of 100 x 10-pole strips

Technical data				
Product type	Reducing sleeve			
Ordering data		Type	Qty	Order No.
	For conductor 0,5 mm <sup>2</sup> , grey	PRH 2.5/4/1	100	1916410000
	For conductor 1 mm <sup>2</sup> , dark grey	PRH 2.5/4/2	100	1916400000
For terminal:		PDU 2.5/4 PDK 2.5/4		

### PRH 2.5/4

#### Reducing sleeves



### Cover

The VDE standards call for power connection terminals to be covered. For this purpose, Weidmüller can supply yellow warning PAD covers with the „lightning flash“ symbol. The cover is clipped into the screwdriver slit in the terminal and each one covers a group of four terminals.

Technical data				
Product type	end plate and intermediate plate			
Ordering data		Type	Qty	Order No.
	Terminal width, 5,1 mm	PAD 2.5/4/4	80	1916150000
	Terminal width, 8 mm	PAD 6/10/4	80	1916160000
	Terminal width, 12 mm	PAD 16/4	80	1916170000
For terminal:		PDU 2.5/4 ... PTR 2.5/4 ... PDK 2.5/4 ... PDU 6/10 ... PDU 16 ...		

### PAD



### Label

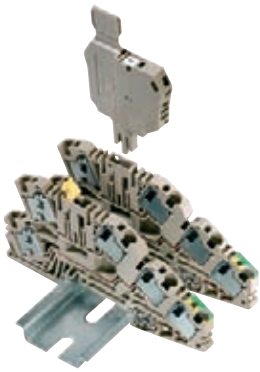
The **BZT** marking tags enable you to label the middle of the marking channel with the **WS 10/5** tags. The marking tags can be put together with pins in order to achieve the greatest degree of stability.

Technical data				
Product type	Marker holder			
Ordering data		Type	Qty	Order No.
	One-sided, without peg	BZT 1 WS 10/5	100	1805490000
	One-sided, with peg	BZT 1 ZA WS 10/5	100	1805520000
	Two-sided without pin	BZT 2 WS 10/5	100	1805480000
	Two-sided, with pin	BZT 2 ZA WS 10/5	100	1805530000
For terminal:		PDK 2.5/4 ... PDL 4 ...		

### BZT 1/BZT 2



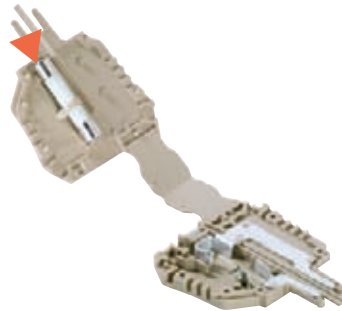
**SIHA fuse holder**



1. Open fuse holder with fingers or screwdriver.



2. Press out old fuse.



3. Position new fuse.



4. Press fuse holder together again with fingers or screwdriver.

**For 5 x 20 G-fuse cartridges**

The SIHA fuse holder converts a simple terminal into a fuse terminal in next to no time.

Simply remove the disconnect lever and insert the fuse plug.

Better: order the PDL 4... OTNHE and insert the SIHA immediately.

- Simple handling without tools
- Housing made of Wemid (V0)
- Rated current 6.3 A
- Even fits on 5 mm wide terminals when fitted in offset arrangement

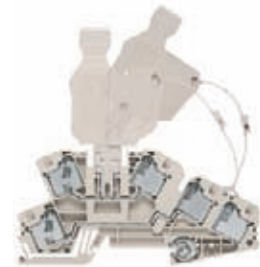
**SIHA 3**



- Marking position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20



**SIHA STRAP**



	Qty.	Order No.
without LED		
<b>SIHA3/G20</b>	400 V 1	<b>7921560000</b>
with LED (red)		
<b>SIHA3/G20</b>	10 - 36 V 1	<b>7921570000</b>
	35 - 70 V 1	<b>7921580000</b>
	60 - 150 V 1	<b>7921590000</b>
	140 - 250 V 1	<b>7921600000</b>

	Qty.	Order No.
with strap		
<b>SIHA STRAP</b>	20	<b>9537680000</b>

**For test-disconnect terminals versions**

PTR 2.5/4...  
PDL 4 TR/...

Connector for retro-fit assembly

- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either on the left or on the right

**Applications with PTR 2.5/4..., PDL 4 TR/... and SIHA 3**

		Short-circuit protection		Overload and short-circuit protection	
		Nom. value		Nom. value	
		Power loss	Rated current	Power loss	Rated current
<b>PTR 2.5/4...</b>	Single	4.0 W	6.3 A	1.6 W	6.3 A
	Group	1.6 W	6.3 A		
<b>PDL 4 TR/... and SIHA 3</b>	Single	1.6 W	6.3 A	1.6 W	6.3 A
	Group	1.6 W	6.3 A		

## Cartridge fuses and gauge pieces for Weidmüller fuse terminals and SIHA 3 fuse holder

### Cartridge fuses

#### for terminal type

SIHA 3



### Technical data / Ordering data

G-type cartridge fuses 5 x 20 without indicators to IEC 60127-2 (VDE 0820 pt.2 B1)

Size (mm)	Nom. current (A)	Type	Qty.	Order No.
5 x 20	0.1	(F) G 20/0.10A/F	10	0430300000
breaking capacity 1500 A (at 250 V, 50 Hz, cos : 0,7)	0.2	(F) G 20/0.20A/F	10	0430400000
	0.25	(F) G 20/0.25A/F	10	0430500000
	0.5	(F) G 20/0.50A/F	10	0430600000
	0.63	(F) G 20/0.63A/F	10	0439000000
	1.0	(F) G 20/1.00A/F	10	0430700000
	1.6	(F) G 20/1.60A/F	10	0430800000
	2.0	(F) G 20/2.00A/F	10	0430900000
	2.5	(F) G 20/2.50A/F	10	0431000000
	3.15	(F) G 20/3.15A/F	10	0431100000
	4.0	(F) G 20/4.00A/F	10	0431200000
	5.0	(F) G 20/5.00A/F	10	0431300000
	6.3	(F) G 20/6.30A/F	10	0431400000

(M) = medium-blow (F) = fast-blow

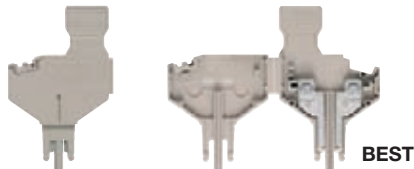
### Component/isolating plugs

The Weidmüller philosophy is to realise a multitude of applications with just a few parts. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the "disconnecting products" of the W-, Z-, I- and P-Series.

### Component plug (up to 250 V)

#### For terminal type

PTR 2.5/4..., PDL 4 TR/...  
can be reversed

### Ordering data

Type	Fitted with...	Qty.	Order No.
BEST	without	25	1833100000
BEST/DRBR	wire jumper	25	1878570000
BEST/D	diode 1N4007	25	1878560000

### Isolating plug

#### For terminal type

PTR 2.5/4..., PDL 4 TR/...



### Ordering data

Type	Colour	Qty.	Order No.
TNST	yellow Wemid	25	1833090000



**Crimp-Set PZ 6 roto Push In**



**Assembly**

Article description	Type	Qty.
Crimping tools for wire end ferrules 0.14 to 6 mm <sup>2</sup>	PZ 6 Roto	1
Stripping tool for up to 6 mm <sup>2</sup>	STRIPAX	1
Wire end ferrule with plastic collar, grey	H4.0/20 DS GR	500
Wire end ferrule with plastic collar, orange	H0.5/16 OR	500
Wire end ferrule with plastic collar, white	H0.75/18 W	500
Wire end ferrule with plastic collar, yellow	H1.0/18 GE	500
Wire end ferrule with plastic collar, black	H1.5/18D SW	500
Wire end ferrule with plastic collar, blue	H2.5/18D BL	500
Wire end ferrule with plastic collar, black	H6.0/20 SW	100

**Technical data**

length x width x height	340/270/60 mm
Weight	1760 g

**Ordering data**

Type	Colour code	Order No.
Crimp Set PZ 6 roto PI	Weidmüller	<b>9203650000</b>

**Crimp-Set PZ 16 Push In**



**Assembly**

Article description	Typ	Qty.
Crimping tools for wire end ferrules, 6 to 16 mm <sup>2</sup>	PZ 16	1
Stripping tool for up to 6 mm <sup>2</sup>	STRIPAX	1
Wire end ferrule with plastic collar, ivory	H10.0/22 S EB	100
Wire end ferrule with plastic collar, black	H6.0/20 SW	100
Wire end ferrule with plastic collar, ivory	H10.0/22 EB	100
Wire end ferrule with plastic collar, green	H16.0/24 GN	100

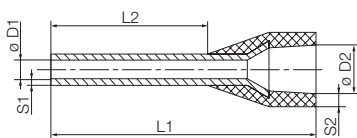
**Technical data**

length x width x height	340/270/60 mm
Weight	1725 g

**Ordering data**

Type	Colour code	Order No.
Crimp Set PZ 16 PI	Weidmüller	<b>9203640000</b>

## Accessories – Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors of size 0.14-150 mm<sup>2</sup> (AWG 26-300MCM)

Material: E-Cu, tin galvanised

Dimensional tolerance acc. to DIN 46228 sect. 4

### Weidmüller colour code

packed loose

### Ordering data

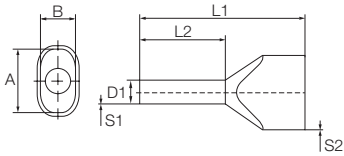
Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.25/12	0.25	24	12.0	8.0	0.8	1.8	0.15	0.25	10.0	light blue	500	9025760000
H0.34/12	0.34	22	12.0	8.0	0.8	2.0	0.15	0.25	10.0	turquoise	500	9025770000
H0.5/14	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	orange	500	0690700000
H0.5/16	0.50	20	16.0	10.0	1.0	2.6	0.15	0.25	12.0	orange	500	9025870000
H0.75/14	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	white	500	0462900000
H0.75/16	0.75	18	16.0	10.0	1.2	2.8	0.15	0.25	12.0	white	500	9025860000
H0.75/18	0.75	18	18.0	12.0	1.2	2.8	0.15	0.25	14.0	white	500	9025910000
H1.0/14	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	yellow	500	0463000000
H1.0/16	1.00	17	16.0	10.0	1.4	3.0	0.15	0.25	12.0	yellow	500	9025950000
H1.0/18	1.00	17	18.0	12.0	1.4	3.0	0.15	0.25	15.0	yellow	500	9025930000
H1.5/14	1.50	16	14.0	8.0	1.7	3.5	0.15	0.25	10.0	red	500	0463100000
H1.5/16	1.50	16	16.0	10.0	1.7	3.5	0.15	0.25	12.0	red	500	0635100000
H2.5/14D	2.50	14	14.0	8.0	2.2	4.2	0.15	0.25	10.0	blue	500	9019160000
H2.5/18D	2.50	14	18.0	12.0	2.2	4.2	0.15	0.25	14.0	blue	500	9019170000
H4.0/20 DS	4.00	12	20.0	12.0	2.8	4.8	0.2	0.3	15.0	grey	500	9203630000
H6.0/20	6.00	10	20.0	12.0	3.5	6.3	0.2	0.3	14.0	black	100	0533500000
H 10.0/22 S	10.00	7	22.0	12.0	4.6	7.1	0.2	0.4	14.0	ivory	100	9203620000
H16.0/24	16.00	6	24.0	12.0	5.8	8.8	0.2	0.4	15.0	green	100	0565900000

### Weidmüller colour code

in multi-pack bag

### Ordering data

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.14/12	0.14	26	12.0	8.0	0.6	1.5	0.15	0.25	10.0	grey	500	9028240000
H0.25/12	0.25	24	12.0	8.0	0.8	1.8	0.15	0.25	10.0	light blue	500	9025780000
H0.34/12	0.34	22	12.0	8.0	0.8	2.0	0.15	0.25	10.0	turquoise	500	9025790000
H0.5/14	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	orange	500	9026060000
H0.5/16	0.50	20	16.0	10.0	1.0	2.6	0.15	0.25	12.0	orange	500	9028270000
H0.75/14	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	white	500	9026070000
H0.75/16	0.75	18	16.0	10.0	1.2	2.8	0.15	0.25	12.0	white	500	9028290000
H0.75/18	0.75	18	18.0	12.0	1.2	2.8	0.15	0.25	14.0	white	500	9028300000
H1.0/16	1.00	17	16.0	10.0	1.4	3.0	0.15	0.25	12.0	yellow	500	9028320000
H1.0/18	1.00	17	18.0	12.0	1.4	3.0	0.15	0.25	15.0	yellow	500	9028340000
H1.5/16	1.50	16	16.0	10.0	1.7	3.5	0.15	0.25	12.0	red	500	9028350000



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors each at 2 x 0.5 – 2 x 16 mm<sup>2</sup> (2 x AWG 20 – 2 x AWG 6)  
 Material: E-Cu, tin galvanised  
 Dimensional tolerance acc. to DIN 46228 sect. 4

**Weidmüller colour code**

packed loose

Type  
 PDU. PPE. PDK. PTR



**Ordering data**

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/15	0.50	20	15.0	8.0	1.4		0.15	0.3	11.0	● orange	500	9037200000
H0.5/16.5	0.50	20	16.0	10.0	1.4		0.15	0.3	13.0	● orange	500	9037210000
H0.5/18.5	0.50	20	19.0	12.0	1.4		0.15	0.3	15.0	● orange	500	9037220000
*H0.75/15	0.75	18	15.0	8.0	1.7		0.15	0.3	11.0	○ white	500	9037230000
*H0.75/17	0.75	18	17.0	10.0	1.7		0.15	0.3	13.0	○ white	500	9037240000
*H0.75/19S	0.75	18	19.0	12.0	1.4		0.15	0.3	21.0	○ white	500	9202820000
*H0.75/24.5	0.75	18	24.0	18.0	1.7		0.15	0.3	21.0	○ white	500	9037250000
*H1.0/25.6	1.00	17	25.0	18.0	2.0		0.15	0.3	22.0	● yellow	500	9037280000
*H1.5/25.6	1.50	16	26.0	18.0	2.2		0.15	0.3	21.0	● red	100	9037310000
**H2.5/26.5D	2.50	14	27.0	18.0	2.8		0.15	0.4	21.0	● blue	100	9037520000

Note: \* Voltage reduced to 320 V \*\* Voltage reduced to 160 V

**Weidmüller colour code**

packed loose

Type  
 PDL DU/PE



**Ordering data**

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/15	0.50	20	15.0	8.0	1.4		0.15	0.3	11.0	● orange	500	9037200000
H0.5/16.5	0.50	20	16.0	10.0	1.4		0.15	0.3	13.0	● orange	500	9037210000
H0.5/18.5	0.50	20	19.0	12.0	1.4		0.15	0.3	15.0	● orange	500	9037220000
H0.75/15	0.75	18	15.0	8.0	1.7		0.15	0.3	11.0	○ white	500	9037230000
H0.75/17	0.75	18	17.0	10.0	1.7		0.15	0.3	13.0	○ white	500	9037240000
H0.75/19S	0.75	18	19.0	12.0	1.4		0.15	0.3	21.0	○ white	500	9202820000
H0.75/24.5	0.75	18	24.0	18.0	1.7		0.15	0.3	21.0	○ white	500	9037250000
H1.0/25.6	1.00	17	25.0	18.0	2.0		0.15	0.3	22.0	● yellow	500	9037280000
H1.5/25.6	1.50	16	26.0	18.0	2.2		0.15	0.3	21.0	● red	100	9037310000
H2.5/26.5D	2.50	14	27.0	18.0	2.8		0.15	0.4	21.0	● blue	100	9037520000



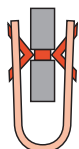
# Terminals, I-Series

---

<b>Terminals, I-Series</b>	Overview I-Series	C.2
	Mode of operation for terminals	C.4
	Feed-through terminals	C.6
	Modular PE terminals	C.10
	Double level terminals	C.14
	Test-disconnect terminals	C.18
	Fuse terminals	C.20
	Hybrid modular terminals	C.22
	Pluggable standard terminals	C.30
	Initiator and actuator terminals	C.32
	Accessories I-Series	C.36

---

# I-Series / IDC connection technology



IDC stands for Insulation Displacement Connection. Innovative, more effective, offering greater cost-savings and maximum contact reliability.

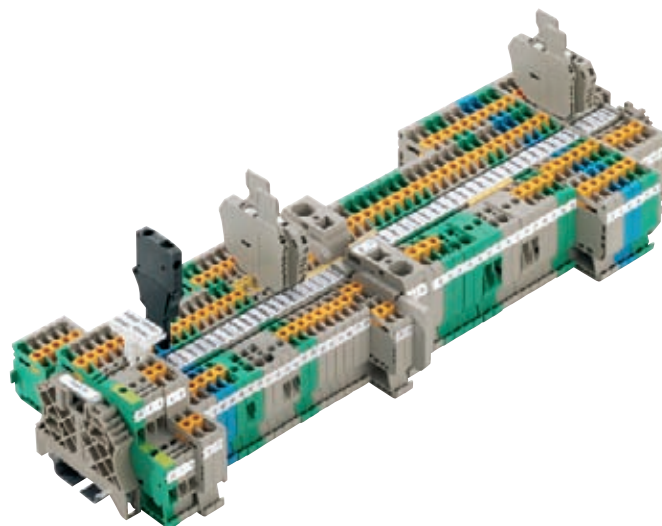
This method of connection, already tried and tested in telecommunications and electronics, is now available for industrial applications incorporated into modular terminals.

The IDC technology results in minimum work during installation but still guarantees reliable contact – and all **without special cable preparation tools, the associated time or cost.**

All standardised PVC-insulated conductors with cross-sections between 0.21 and 1.5 mm<sup>2</sup> (0.5 and 2.5 mm<sup>2</sup>) are suitable for this type of connection.

Users who wish to connect special conductors should consult Weidmüller first. For all up-to-date information about this type of connection simply visit the website at [www.idc2.de](http://www.idc2.de).

If it is not possible to connect a certain type of conductor, the Weidmüller hybrid terminals, could offer the best solution. These terminals have an IDC on one side and either a screw or tension clamp connection on the other.



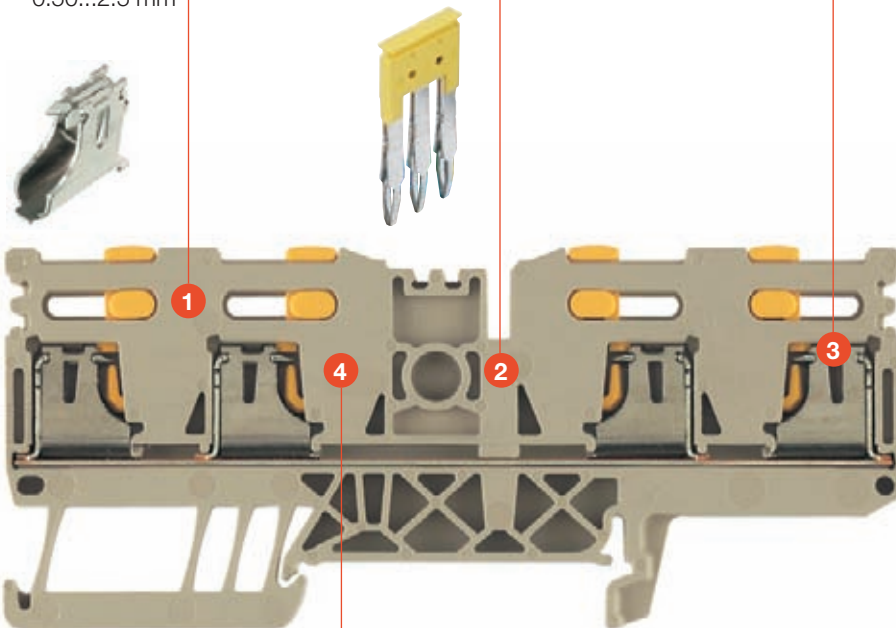
## Product overview

Rated cross-section	1.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>
<b>Feed-through terminals</b>		
2 connections	•	•
<b>PE terminals</b>		
2 connections	•	•
3 connections	•	•
4 connections	•	•
<b>Fuse terminals</b>	•	•
<b>Disconnect test terminal blocks</b>	•	•
<b>Double terminals</b>	•	
<b>Initiator / actuator terminals</b>	•	
<b>Plug-in terminals</b>	•	
<b>Hybrid terminals (IDC-screw)</b>		
2 connections	•	•
3 connections	•	•
<b>Hybrid terminals (IDC-spring)</b>		
2 connections	•	•
3 connections	•	
<b>Terminals with electrical components</b>	•	•

**1 The connection**

Separating the electrical and mechanical functions (galvanic isolation) results in major advantages for this type of connection, too.

- Extremely high contact reliability thanks to the extra spring (spring steel).
- Copper current bar for low through resistance..
- A wide clamping range for different cross-sections: 0.21...1.5 mm<sup>2</sup> and 0.50...2.5 mm<sup>2</sup>



**2 Plug-in cross-connections**

- 2- to 10-pole, or “endless” for custom fabrication.
- Full rated current.
- Break-out poles for bypassing alternate potentials.
- Electric shock protection (finger-proof) to German standard BGV A2

**3 Maximum ease of use**

Insert the screwdriver as far as possible into the clamping point, press sideways, and the connection is complete!

A visible, reliable connection.



**The Wemid insulating material**

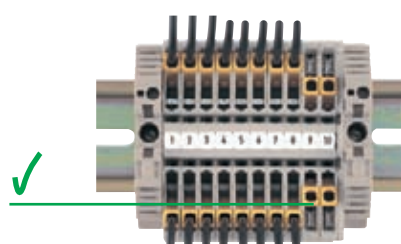
- Non-tracking, CTI 600
- Thermally stable up to 120 °C
- V0 flammability rating to UL 94
- Free from halogen and phosphor flame-retardant substances

**Major time- and cost-savings**

- Time-savings of up to 76 % compared with conventional types of connection (see next page)

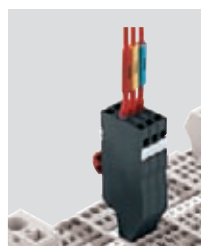
**4 Reliable contact**

- Reliable contact thanks to the visual check



**Comprehensive accessories**

- Test adapter, test plug
- Can be used with standard and group markers
- End plates, partition plates
- Covers
- Reducing sleeves
- Fuse holder



**Standards and directives**

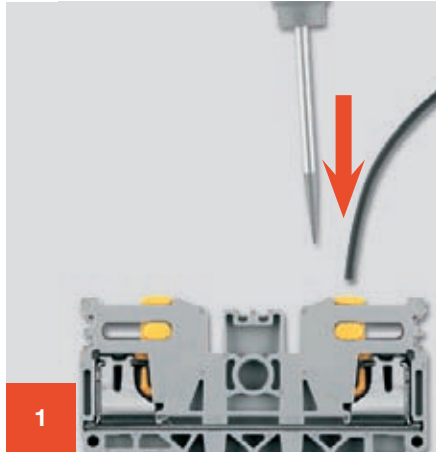
IDC2 terminals comply with standards such as:

- Modular terminal standards: IEC 60947-7-1/-2/-3
- IDC standard: IEC 60352-4
- More stringent Weidmüller tests
- National and international approvals, Germanischer Lloyd, Lloyds Register, DNV, RINA, KEMA, KEUR
- ATEX approval



# How it works

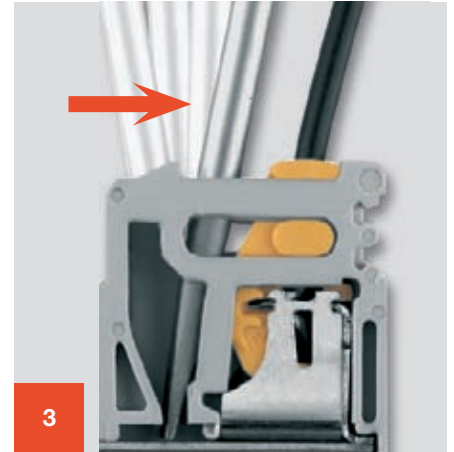
## No stripping – no crimping – no special tools



Insert the cut-off conductor straight into the terminal ...



... then insert the screwdriver as far as it will go in front of the slide.



Now press the slide using the screwdriver so that it engages.

Pull the screwdriver out: the conductor is securely in place. Without stripping or crimping ferrules, without the need for any special tools.

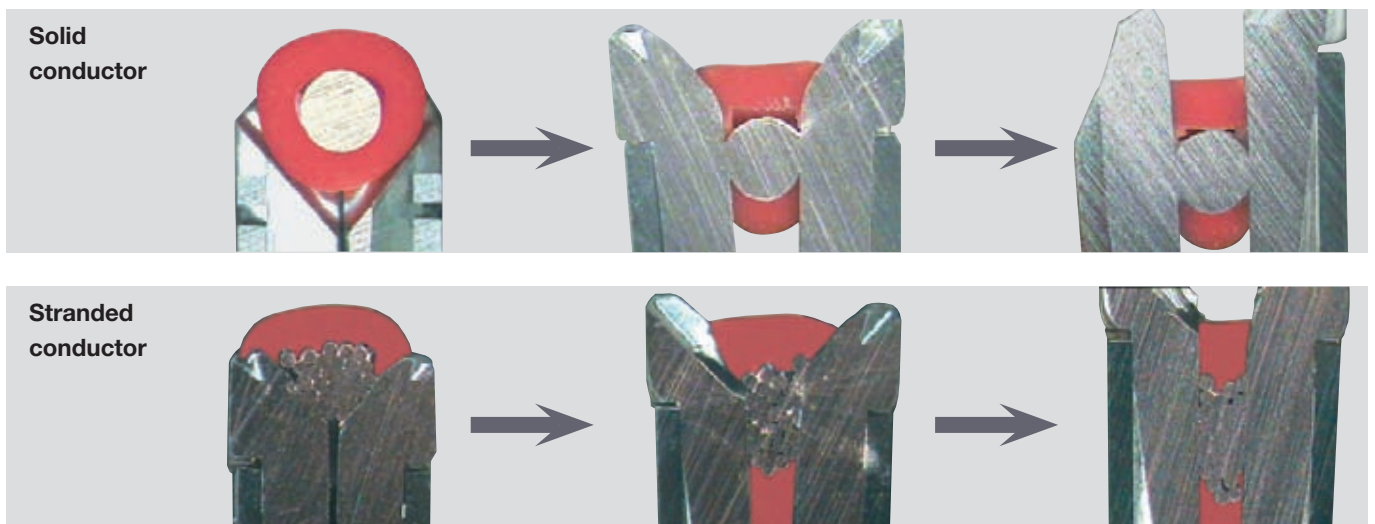
## A look inside ...

shows the benefits of our technology.

**Conductor being cut:**  
the insulation is pre-cut.

**Conductor during wiring:**  
the insulation is cut through, producing the first contact with the current bar.

**Conductor in its final position:**  
the insulation is cut through completely, ensuring secure contact over a wide area.



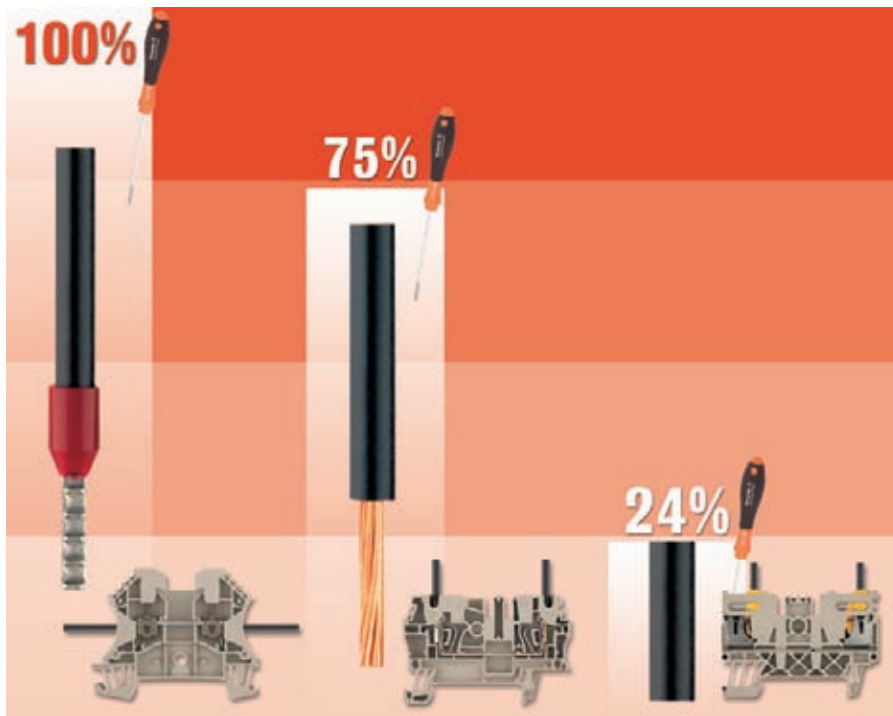


# The benefits: Extreme time-savings

In comparison:  
Clamping yoke

Tension clamp

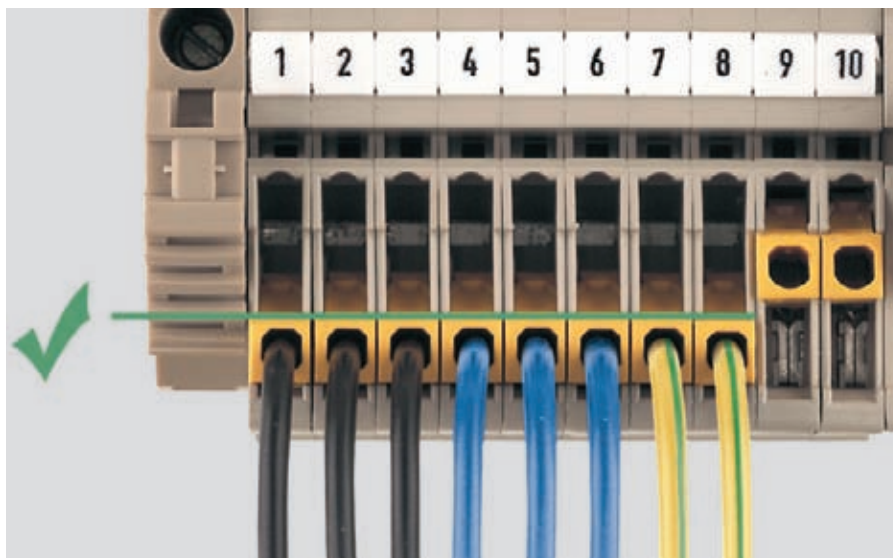
IDC2



Quick connection ...  
secure contact

Connecting with convincing results: practical tests have shown that users can achieve time-savings of up to 76 % compared to other connection techniques. The high-speed connection and more secure contact are produced without any additional tools.

## Secure connection with visual function check



The yellow sliding mechanism shows you at a glance whether the conductor is properly in contact.

Separately sprung

The tensioned steel IDC contact ensures galvanic isolation. This principle offers a high degree of safety and flexibility when connecting up different conductor cross-sections.



## Feed-through terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

<b>Rated data</b>	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
UL94 Flammability class	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Blade size	
<b>Note</b>	

### Ordering data

<b>Version</b>	
	Dark beige Wemid
	Blue Wemid
<b>Note</b>	

### Accessories

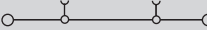
<b>Pluggable cross-connection</b>	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
<b>End plate / partition</b>	
	Dark beige Wemid
	Blue Wemid
<b>End bracket</b>	
	Dark beige Wemid
<b>Test adapter</b>	
	Standard
	With assembly peg
<b>Screwdriver</b>	
	with „swifty set“ cutting device
	Standard
<b>Reducing sleeves</b>	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
<b>Cover</b>	
	With lightning flash symbol
	blank
<b>Marking systems</b>	(see assortment in catalogue 7)
	Marking tags
<b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b>	



## IDU 1.5N

1.5 mm<sup>2</sup>

2 connections



5.1 x 59.5 x 40.5	
/ 1.5	
<b>0.21...1.5</b>	

IEC 60947-7-1 / IEC 60352-4				Ex e ll		ll 2 G D
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>			
500	300	300	275			
17.5	10	10	15			
1.5	AWG 24...16	AWG 24...16	1.5			
				6 / 3		
				V-0		
				KEMA 02ATEX2241 U		
<b>Rated connection</b>						
0.21...1.5						
0.21...1.5						
0.6 x 3.5 mm						
Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5						

<b>Type</b>	<b>Qty</b>	<b>Order No.</b>
IDU 1.5N	100	<b>1792540000</b>
IDU 1.5N BL	100	<b>1792550000</b>

<b>Type</b>	<b>current</b>	<b>Qty</b>	<b>Order No.</b>
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
<b>Width</b>			
IAP 1.5N	2 mm	50	<b>1792430000</b>
IAP 1.5N BL	2 mm	50	<b>1792440000</b>
<b>Width</b>			
WEW 35/2	8 mm	100	<b>1061200000</b>
<b>Width</b>			
ITA 1	5.1 mm	25	<b>1803800000</b>
ITA 1/ZA	5.1 mm	25	<b>1803810000</b>
<b>Width</b>			
SWIFTY SET		1	<b>9006060000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
<b>Width</b>			
IRH 1.5		100	<b>1804510000</b>
<b>Width</b>			
IAD 1/4 GE MIT BLITZ	24.3 mm	20	<b>1805500000</b>
IAD 1/4 GE Neutral	24.3 mm	20	<b>1818420000</b>

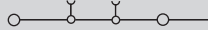
WS 10/5
---------



## IDU 1.5N/3AN

1.5 mm<sup>2</sup>

3 connections



5.1 x 78.5 x 40.5	
/ 1.5	
<b>0.21...1.5</b>	

IEC 60947-7-1 / IEC 60352-4				Ex e ll		ll 2 G D
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>			
500	300	300	275			
17.5	10	10	15			
1.5	AWG 24...16	AWG 24...16	1.5			
				6 / 3		
				V-0		
				KEMA 02ATEX2241 U		
<b>Rated connection</b>						
0.21...1.5						
0.21...1.5						
0.6 x 3.5 mm						
Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5						

<b>Type</b>	<b>Qty</b>	<b>Order No.</b>
IDU 1.5N/3AN	100	<b>1792570000</b>
IDU 1.5N/3AN BL	100	<b>1792580000</b>

<b>Type</b>	<b>current</b>	<b>Qty</b>	<b>Order No.</b>
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
<b>Width</b>			
IAP 1.5N/3AN	2 mm	50	<b>1792450000</b>
IAP 1.5N/3AN BL	2 mm	50	<b>1792460000</b>
<b>Width</b>			
WEW 35/2	8 mm	100	<b>1061200000</b>
<b>Width</b>			
ITA 1	5.1 mm	25	<b>1803800000</b>
ITA 1/ZA	5.1 mm	25	<b>1803810000</b>
<b>Width</b>			
SWIFTY SET		1	<b>9006060000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
<b>Width</b>			
IRH 1.5		100	<b>1804510000</b>
<b>Width</b>			
IAD 1/4 GE MIT BLITZ	24.3 mm	20	<b>1805500000</b>
IAD 1/4 GE Neutral	24.3 mm	20	<b>1818420000</b>

WS 10/5
---------

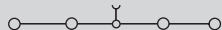
**IDU 1.5N/4AN**

**1.5 mm<sup>2</sup>**

**4 connections**



5.1 x 93.5 x 40.5  
/ 1.5  
0.21...1.5



IEC 60947-7-1 / IEC 60352-4 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
17.5	10	10	15
1.5	AWG 24...16	AWG 24...16	1.5
6 / 3			
V-0			

KEMA 02ATEX2241 U

**Rated connection**

0.21...1.5  
0.21...1.5  
0.6 x 3.5 mm

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5

Type	Qty	Order No.
IDU 1.5N/4AN	100	<b>1792600000</b>
IDU 1.5N/4AN BL	100	<b>1792610000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
<b>Width</b>			
IAP 1.5N/4AN	2 mm	50	<b>1792470000</b>
IAP 1.5N/4AN BL	2 mm	50	<b>1792480000</b>
<b>Width</b>			
WEW 35/2	8 mm	100	<b>1061200000</b>
<b>Width</b>			
ITA 1	5.1 mm	25	<b>1803800000</b>
ITA 1/ZA	5.1 mm	25	<b>1803810000</b>
<b>Width</b>			
SWIFTY SET		1	<b>9006060000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
<b>Width</b>			
IRH 1.5		100	<b>1804510000</b>
<b>Width</b>			
IAD 1/4 GE MIT BLITZ	24.3 mm	20	<b>1805500000</b>
IAD 1/4 GE Neutral		20	<b>1818420000</b>

WS 10/5

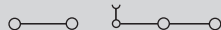
**IDU 1.5N/2X2AN**

**1.5 mm<sup>2</sup>**

**2 x 2 connections**



5.1 x 93.5 x 40.5  
/ 1.5  
0.21...1.5



IEC 60947-7-1 / IEC 60352-4 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500			275
17.5			15
1.5	AWG 24...16	AWG 24...16	1.5
6 / 3			
V-0			

KEMA 02ATEX2241 U

**Rated connection**

0.21...1.5  
0.21...1.5  
0.6 x 3.5 mm

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5

Type	Qty	Order No.
IDU 1.5N/2X2AN	100	<b>1824340000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
<b>Width</b>			
IAP 1.5N/4AN	2 mm	50	<b>1792470000</b>
IAP 1.5N/4AN BL	2 mm	50	<b>1792480000</b>
<b>Width</b>			
WEW 35/2	8 mm	100	<b>1061200000</b>
<b>Width</b>			
ITA 1	5.1 mm	25	<b>1803800000</b>
ITA 1/ZA	5.1 mm	25	<b>1803810000</b>
<b>Width</b>			
SWIFTY SET		1	<b>9006060000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
<b>Width</b>			
IRH 1.5		100	<b>1804510000</b>
<b>Width</b>			
IAD 1/4 GE MIT BLITZ	24.3 mm	20	<b>1805500000</b>
IAD 1/4 GE Neutral		20	<b>1818420000</b>

WS 10/5

## Feed-through terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

<b>Rated data</b>	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
UL94 Flammability class	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Blade size	
<b>Note</b>	

## Ordering data

<b>Version</b>	
	Dark beige Wemid
	Blue Wemid
<b>Note</b>	

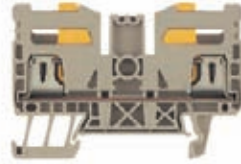
## Accessories

<b>Pluggable cross-connection</b>	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
<b>End plate / partition</b>	
	Dark beige Wemid
	Blue Wemid
<b>End bracket</b>	
	Dark beige Wemid
<b>Test adapter</b>	
	Standard
	With assembly peg
<b>Screwdriver</b>	
	with „swifty set“ cutting device
	Standard
<b>Reducing sleeves</b>	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
<b>Cover</b>	
	With lightning flash symbol
	blank
<b>Marking systems</b>	(see assortment in catalogue 7)
	Marking tags
<b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b>	

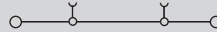
## IDU 2.5N

2.5 mm<sup>2</sup>

2 connections



6.1 x 67 x 45.6

/ 2.5  
0.5...2.5

IEC 60947-7-1 / IEC 60352-4 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	15	15	21
2.5	AWG 20...14	AWG 20...14	2.5
8 / 3			
V-0			

DEMKO 03ATEX134054U

<b>Rated connection</b>
0.5...2.5
0.5...2.5
0.6 x 3.5 mm

Type	Qty	Order No.
IDU 2.5N	100	1812900000
IDU 2.5N BL	100	1812910000

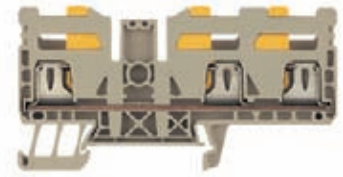
Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
	<b>Width</b>		
IAP 2.5N	2 mm	50	1813020000
IAP 2.5N BL	2 mm	50	1813030000
WEW 35/2	8 mm	100	1061200000
ITA 2	6.1 mm	25	1821210000
ITA 2/ZA	6.1 mm	25	1821220000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 2.5		100	1848230000
IAD 2/4 GE MIT BLITZ		20	1828420000
IAD 2/4 GE NEUTRAL		20	1828430000

WS 10/6

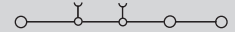
## IDU 2.5N/3AN

2.5 mm<sup>2</sup>

3 connections



6.1 x 88.5 x 45.6

/ 2.5  
0.5...2.5

IEC 60947-7-1 / IEC 60352-4 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	15	15	21
2.5	AWG 20...14	AWG 20...14	2.5
8 / 3			
V-0			

DEMKO 03ATEX134054U

<b>Rated connection</b>
0.5...2.5
0.5...2.5
0.6 x 3.5 mm

Type	Qty	Order No.
IDU 2.5N/3AN	100	1812930000
IDU 2.5N/3AN BL	100	1812940000

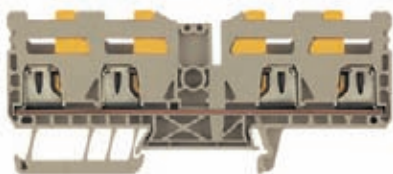
Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
	<b>Width</b>		
IAP 2.5N/3AN	2 mm	50	1813040000
IAP 2.5N/3AN BL	2 mm	50	1813050000
WEW 35/2	8 mm	100	1061200000
ITA 2	6.1 mm	25	1821210000
ITA 2/ZA	6.1 mm	25	1821220000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 2.5		100	1848230000
IAD 2/4 GE MIT BLITZ		20	1828420000
IAD 2/4 GE NEUTRAL		20	1828430000

WS 10/6

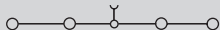
**IDU 2.5N/4AN**

**2.5 mm<sup>2</sup>**

**4 connections**



6.1 x 106 x 45.6  
/ 2.5  
0.5...2.5



IEC 60947-7-1 / IEC 60352-4 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	15	15	21
2.5	AWG 20...14	AWG 20...14	2.5
8 / 3			
V-0			

DEMKO 03ATEX134054U

**Rated connection**

0.5...2.5  
0.5...2.5  
0.6 x 3.5 mm

Type	Qty	Order No.
IDU 2.5N/4AN	50	1812960000
IDU 2.5N/4AN BL	50	1812970000

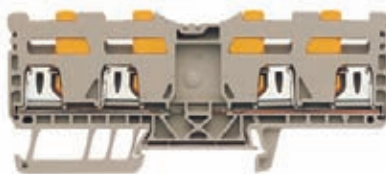
Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
<b>Width</b>			
IAP 2.5N/4AN	2 mm	50	1813070000
IAP 2.5N/4AN BL	2 mm	50	1813080000
WEW 35/2	8 mm	100	1061200000
ITA 2	6.1 mm	25	1821210000
ITA 2/ZA	6.1 mm	25	1821220000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 2.5		100	1848230000
IAD 2/4 GE MIT BLITZ		20	1828420000
IAD 2/4 GE NEUTRAL		20	1828430000

WS 10/6

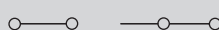
**IDU 2.5N/2x2AN**

**2.5 mm<sup>2</sup>**

**2 x 2 connections**



6.1 x 106 x 45.6  
/ 2.5  
0.5...2.5



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA
800	600	600
24	15	15
2.5	AWG 20...14	AWG 20...14
8 / 3		
V-0		

**Rated connection**

0.5...2.5  
0.5...2.5  
0.6 x 3.5 mm

Type	Qty	Order No.
IDU 2.5N/2X2AN	50	1821230000

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
<b>Width</b>			
IAP 2.5N/4AN	2 mm	50	1813070000
IAP 2.5N/4AN BL	2 mm	50	1813080000
WEW 35/2	8 mm	100	1061200000
ITA 2	6.1 mm	25	1821210000
ITA 2/ZA	6.1 mm	25	1821220000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 2.5		100	1848230000
IAD 2/4 GE MIT BLITZ		20	1828420000
IAD 2/4 GE NEUTRAL		20	1828430000

WS 10/6

## Modular PE terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

<b>Rated data</b>	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
UL94 Flammability class	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Blade size	
<b>Note</b>	

## Ordering data

<b>Version</b>	green/yellow Wemid
<b>Note</b>	

## Accessories

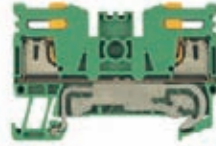
<b>End plate / partition</b>	Dark beige Wemid
<b>End bracket</b>	Dark beige Wemid
<b>Test adapter</b>	Standard With assembly peg
<b>Screwdriver</b>	with „swifty set“ cutting device Standard
<b>Reducing sleeves</b>	For conductors < 0,5 mm <sup>2</sup> / AWG 20 For conductors < 1,0 mm <sup>2</sup> / AWG 18
<b>Cover</b>	With lightning flash symbol blank

<b>Marking systems</b>	(see assortment in catalogue 7) Marking tags
<b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b>	

## IPE 1.5N

1.5 mm<sup>2</sup>

2 connections



5.1 x 59.5 x 40.5			
/ 1.5			
<b>0.21...1.5</b>			
IEC 60947-7-2 / IEC 60352-4	Ex e ll  II 2 G D		
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>
1.5	AWG 24...16	AWG 24...16	1.5
500			
6			
	3		
	V-0		
	KEMA 02ATEX2241 U		
<b>Rated connection</b>			
0.21...1.5			
0.21...1.5			
0.6 x 3.5 mm			
Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5			

<b>Type</b>	<b>Qty</b>	<b>Order No.</b>
IPE 1.5N	100	1792560000

<b>Type</b>	<b>Width</b>	<b>Qty</b>	<b>Order No.</b>
IAP 1.5N	2 mm	50	1792430000
WEW 35/2	8 mm	100	1061200000
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000
IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000
IAD 1/4 GE Neutral		20	1818420000

WS 10/5
---------

## IPE 1.5N/3AN

1.5 mm<sup>2</sup>

3 connections



5.1 x 78.5 x 40.5			
/ 1.5			
<b>0.21...1.5</b>			
IEC 60947-7-2 / IEC 60352-4	Ex e ll  II 2 G D		
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>
1.5	AWG 24...16	AWG 24...16	1.5
500			
6			
	3		
	V-0		
	KEMA 02ATEX2241 U		
<b>Rated connection</b>			
0.21...1.5			
0.21...1.5			
0.6 x 3.5 mm			
Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5			

<b>Type</b>	<b>Qty</b>	<b>Order No.</b>
IPE 1.5N/3AN	100	1792590000

<b>Type</b>	<b>Width</b>	<b>Qty</b>	<b>Order No.</b>
IAP 1.5N/3AN	2 mm	50	1792450000
WEW 35/2	8 mm	100	1061200000
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000
IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000
IAD 1/4 GE Neutral		20	1818420000

WS 10/5
---------

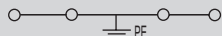
IPE 1.5N/4AN

1.5 mm<sup>2</sup>

4 connections



5.1 x 93.5 x 40.5  
/ 1.5  
0.21...1.5



IEC 60947-7-2 / IEC 60352-4 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 24...16	AWG 24...16	1.5
500			
6			
	3		
	V-0		

KEMA 02ATEX2241 U

Rated connection

0.21...1.5  
0.21...1.5  
0.6 x 3.5 mm

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5

Type	Qty	Order No.
IPE 1.5N/4AN	100	1792620000

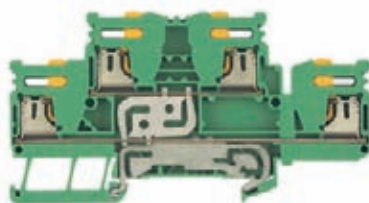
Type	Width	Qty	Order No.
IAP 1.5N/4AN	2 mm	50	1792470000
WEW 35/2	8 mm	100	1061200000
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000
IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000
IAD 1/4 GE Neutral		20	1818420000

WS 10/5

IDK 1.5N/PE

1.5 mm<sup>2</sup>

Double-level terminal



5.1 x 100 x 54  
/ 1.5  
0.21...1.5



IEC 60947-7-2 / IEC 60352-4 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 24...16	AWG 24...16	1.5
500			
6			
	3		
	V-0		

KEMA 02ATEX2241 U

Rated connection

0.21...1.5  
0.21...1.5  
0.6 x 3.5 mm

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5

Type	Qty	Order No.
IDK 1.5N PE	50	1792690000

Type	Width	Qty	Order No.
IAP 1.5N/DK	2 mm	50	1792520000
WEW 35/2	8 mm	100	1061200000
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000
IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000
IAD 1/4 GE Neutral		20	1818420000

WS 10/5

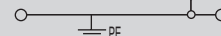
IDK 1.5N DU-PE

1.5 mm<sup>2</sup>

Double-level terminal (DU-PE)



5.1 x 100 x 54  
17.5 / 1.5  
0.21...1.5



IEC 60947-7-1 / IEC 60352-4, IEC 60947-7-2 / IEC 60352-4

IEC	UL	CSA
1.5	AWG 24...16	AWG 24...16
500		
6		
	3	
	V-0	

KEMA 02ATEX2241 U

Rated connection

0.21...1.5  
0.21...1.5  
0.6 x 3.5 mm

Conductor < 0.5mm<sup>2</sup>/AWG 24 with IRH 1.5

Type	Qty	Order No.
IDK 1.5N DU-PE	50	1881610000

Type	Width	Qty	Order No.
IAP 1.5N/DK	2 mm	50	1792520000
WEW 35/2	8 mm	100	1061200000
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
SWIFTY SET		1	9006020000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000
IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000

WS 10/5



## Modular PE terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Blade size	
Note	

### Ordering data

Version	green/yellow Wemid
Note	

### Accessories

End plate / partition	Dark beige Wemid
End bracket	Dark beige Wemid
Test adapter	Standard With assembly peg
Screwdriver	with „swifty set“ cutting device Standard
Reducing sleeves	For conductors < 0,5 mm <sup>2</sup> / AWG 20 For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	With lightning flash symbol blank

Marking systems	(see assortment in catalogue 7) Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## IPE 2.5N

2.5 mm<sup>2</sup>

2 connections



6.1 x 67 x 45.6	
/ 2.5	
0.5...2.5	

IEC 60947-7-2 / IEC 60352-4				Ex e ll		II 2 G D
IEC	UL	CSA	EN 60079-7			
2.5	AWG 20...14	AWG 20...14	2.5			
800						
8						
			3			
			V-0			
DEMKO 03ATEX134054U						
Rated connection						
0.5...2.5						
0.5...2.5						
0.6 x 3.5 mm						
Note						

Type	Qty	Order No.
IPE 2.5N	100	1812920000
Note		

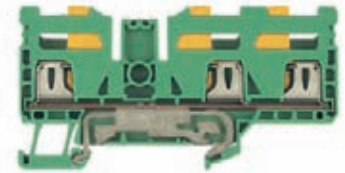
Type	Width	Qty	Order No.
IAP 2.5N	2 mm	50	1813020000
WEW 35/2	8 mm	100	1061200000
ITA 2	6.1 mm	25	1821210000
ITA 2/ZA	6.1 mm	25	1821220000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 2.5		100	1848230000
IAD 2/4 GE MIT BLITZ		20	1828420000
IAD 2/4 GE NEUTRAL		20	1828430000
Note			

Marking systems	(see assortment in catalogue 7) Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## IPE 2.5N/3AN

2.5 mm<sup>2</sup>

3 connections



6.1 x 88.5 x 45.6	
/ 2.5	
0.5...2.5	

IEC 60947-7-2 / IEC 60352-4				Ex e ll		II 2 G D
IEC	UL	CSA	EN 60079-7			
2.5	AWG 20...14	AWG 20...14	2.5			
800						
8						
			3			
			V-0			
DEMKO 03ATEX134054U						
Rated connection						
0.5...2.5						
0.5...2.5						
0.6 x 3.5 mm						
Note						

Type	Qty	Order No.
IPE 2.5N/3AN	100	1812950000
Note		

Type	Width	Qty	Order No.
IAP 2.5N/3AN	2 mm	50	1813040000
WEW 35/2	8 mm	100	1061200000
ITA 2	6.1 mm	25	1821210000
ITA 2/ZA	6.1 mm	25	1821220000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 2.5		100	1848230000
IAD 2/4 GE MIT BLITZ		20	1828420000
IAD 2/4 GE NEUTRAL		20	1828430000
Note			

Marking systems	(see assortment in catalogue 7) Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	



## IPE 2.5N/4AN

2.5 mm<sup>2</sup>

4 connections



6.1 x 106 x 45.6

/ 2.5

0.5...2.5

IEC 60947-7-2 / IEC 60352-4 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 20...14	AWG 20...14	2.5
800			
8			
	3		
	V-0		

 DEMKO 03ATEX134054U
**Rated connection**

0.5...2.5

0.5...2.5

0.6 x 3.5 mm

Type	Qty	Order No.
IPE 2.5N/4AN	50	1812980000

Type	Width	Qty	Order No.
IAP 2.5N/4AN	2 mm	50	1813070000
WEW 35/2	8 mm	100	1061200000
ITA 2	6.1 mm	25	1821210000
ITA 2/ZA	6.1 mm	25	1821220000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 2.5		100	1848230000
IAD 2/4 GE MIT BLITZ		20	1828420000
IAD 2/4 GE NEUTRAL		20	1828430000

WS 10/6

Double level terminals

Feed-through terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Blade size	
Note	

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

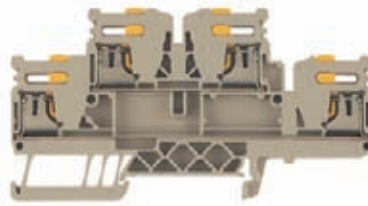
Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	with „swiftly set“ cutting device
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
Cover	
	With lightning flash symbol
	blank
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

IDK 1.5N

1.5 mm<sup>2</sup>

Double-level terminal



5.1 x 100 x 54	IDC	IDC	IDC	IDC
/ 1.5				
0.21...1.5				

IEC 60947-7-1 / IEC 60352-4				Ex e ll		II 2 G D
IEC	UL	CSA	EN 60079-7			
500	300	300	275			
17.5	10	10	15			
1.5	AWG 24...16	AWG 24...16	1.5			
				6 / 3		
				V-0		
KEMA 02ATEX2241 U						
Rated connection		Further connection				
0.21...1.5						
0.21...1.5						
0.6 x 3.5 mm						
Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5						

Type	Qty	Order No.
IDK 1.5N	50	1792650000
IDK 1.5N BL	50	1792660000

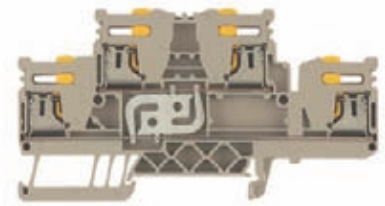
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
IAP 1.5N/DK	2 mm	50	1792520000
IAP 1.5N/DK BL	2 mm	50	1792530000
WEW 35/2	8 mm	100	1061200000
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000
IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000
IAD 1/4 GE Neutral	20		1818420000

WS 10/5
---------

IDK 1.5N/V

1.5 mm<sup>2</sup>

Vertical cross-connected double-level terminal



5.1 x 100 x 54	IDC	IDC	IDC	IDC
17.5 / 1.5				
0.21...1.5				

IEC 60947-7-1 / IEC 60352-4				Ex e ll		II 2 G D
IEC	UL	CSA	EN 60079-7			
500	300	300	275			
17.5	10	10	15			
1.5	AWG 24...16	AWG 24...16	1.5			
				6 / 3		
				V-0		
KEMA 02ATEX2241 U						
Rated connection		Further connection				
0.21...1.5						
0.21...1.5						
0.6 x 3.5 mm						
Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5						

Type	Qty	Order No.
IDK 1.5N/V	50	1792680000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
IAP 1.5N/DK	2 mm	50	1792520000
IAP 1.5N/DK BL	2 mm	50	1792530000
WEW 35/2	8 mm	100	1061200000
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000
IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000
IAD 1/4 GE Neutral	20		1818420000

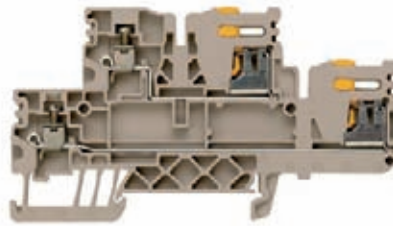
WS 10/5
---------

Feed-through terminals

IDK 1.5N/ZB

1.5 mm<sup>2</sup>

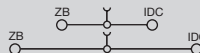
Hybrid clamping yoke / IDC



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

5.1 x 96 x  
/ 1.5  
0.21...1.5



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Blade size	

IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA
500	300	300
17.5	10	10
1.5	AWG 24...16	AWG 24...16
	6 / 3	
	V-0	

Rated connection	Further connection
0.21...1.5	0.5...4
0.21...1.5	0.5...4 / 0.5...2.5
	0.4...0.6 Nm (M 2.5)

0.6 x 3.5 mm

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5

Note

Ordering data

Version	Dark beige Wemid Blue Wemid
---------	--------------------------------

Note

Type	Qty	Order No.
IDK 1.5N/ZB	50	1891950000
IDK 1.5N/ZB BL	50	1896720000

PE terminal IDK 1.5N/ZB PE: 1891970000; 4 connections at one potential with IDK 1.5N/ZB V: 1891960000;

Accessories

Pluggable cross-connection	2-pole 3-pole 4-pole 10-pole 20-/24-pole
----------------------------	------------------------------------------------------

End plate / partition	Dark beige Wemid Blue Wemid
-----------------------	--------------------------------

End bracket	Dark beige Wemid
-------------	------------------

Test adapter	Standard With assembly peg
--------------	-------------------------------

Screwdriver	with „swiftly set“ cutting device Standard
-------------	-----------------------------------------------

Reducing sleeves	For conductors < 0,5 mm <sup>2</sup> / AWG 20
------------------	-----------------------------------------------

Cover	With lightning flash symbol blank
-------	--------------------------------------

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000

Width			
IAP 1.5N/DK-ZB	2 mm	50	1896710000
IAP 1.5N/DK-ZB BL	2 mm	50	1896730000

WEW 35/2	8 mm	100	1061200000
----------	------	-----	------------

ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000

SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000

IRH 1.5		100	1804510000
---------	--	-----	------------

IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000
----------------------	---------	----	------------

Marking systems	(see assortment in catalogue 7) Marking tags
-----------------	-------------------------------------------------

For detailed information on other accessories and applications, refer to the „Accessories“ section

WS 10/5
---------

## Double level terminals

### Modular PE terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

#### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Blade size	
Note	

#### Ordering data

Version	Note
green/yellow Wemid	

#### Accessories

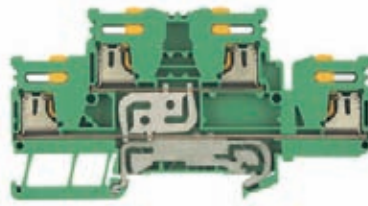
<b>End plate / partition</b>	Dark beige Wemid
<b>End bracket</b>	Dark beige Wemid
<b>Test adapter</b>	Standard With assembly peg
<b>Screwdriver</b>	with „swiftly set“ cutting device Standard
<b>Reducing sleeves</b>	For conductors < 0,5 mm <sup>2</sup> / AWG 20
<b>Cover</b>	With lightning flash symbol blank

<b>Marking systems</b>	(see assortment in catalogue 7) Marking tags
<b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b>	

### IDK 1.5N/PE

1.5 mm<sup>2</sup>

#### Double-level terminal



5.1 x 100 x 54	
/ 1.5	
0.21...1.5	

IEC 60947-7-2 / IEC 60352-4 Ex e ll II 2 G D			
IEC	UL	CSA	EN 60079-7
1.5	AWG 24...16	AWG 24...16	1.5
500			
6			
	3		
	V-0		
KEMA 02ATEX2241 U			
Rated connection			
0.21...1.5			
0.21...1.5			
0.6 x 3.5 mm			
Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5			

Type	Qty	Order No.
IDK 1.5N PE	50	1792690000

Type	Width	Qty	Order No.
IAP 1.5N/DK	2 mm	50	1792520000
WEW 35/2	8 mm	100	1061200000
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000
IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000
IAD 1/4 GE Neutral		20	1818420000

WS 10/5	
---------	--

### IDK 1.5N DU-PE

1.5 mm<sup>2</sup>

#### Double-level terminal (DU-PE)



5.1 x 100 x 54	
17.5 / 1.5	
0.21...1.5	

IEC 60947-7-1 / IEC 60352-4, IEC 60947-7-2 / IEC 60352-4		
IEC	UL	CSA
1.5	AWG 24...16	AWG 24...16
500		
6		
	3	
	V-0	
KEMA 02ATEX2241 U		
Rated connection		
0.21...1.5		
0.21...1.5		
0.6 x 3.5 mm		
Conductor < 0.5mm <sup>2</sup> /AWG 24 with IRH 1.5		

Type	Qty	Order No.
IDK 1.5N DU-PE	50	1881610000

Type	Width	Qty	Order No.
IAP 1.5N/DK	2 mm	50	1792520000
WEW 35/2	8 mm	100	1061200000
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
SWIFTY		1	9006020000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000
IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000

WS 10/5	
---------	--



## Test-disconnect terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


### Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Blade size	
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
	Without isolator, Dark beige Wemid
Note	

### Accessories

Pluggable cross-connection	
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Holder for cartridge fuse, 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max, 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	yellow Wemid

**Marking systems** (see assortment in catalogue 7)

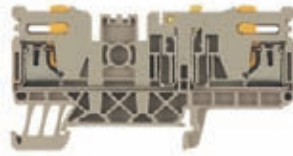
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

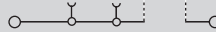
## ITR 1.5N

1.5 mm<sup>2</sup>

2 connections



5.1 x 78.5 x 46.5  
**16 / 1.5**  
**0.21...1.5**



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA
400	300	300
16	10	10
1.5	AWG 24...16	AWG 24...16
6 / 3		
V-0		



**Rated connection**

0.21...1.5

0.21...1.5

0.6 x 3.5 mm

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5

Type	Qty	Order No.
ITR 1.5N	100	<b>1792630000</b>
ITR 1.5N BL	100	<b>1792670000</b>
ITR 1.5N O.TNHE	100	<b>1814160000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>

	Width		
IAP 1.5N/3AN	2 mm	50	<b>1792450000</b>
IAP 1.5N/3AN BL	2 mm	50	<b>1792460000</b>

	8 mm	100	<b>1061200000</b>
WEW 35/2			

	1	<b>9008330000</b>
SD 0.6x3.5x100		

	6 mm	25	<b>7921560000</b>
SIHA 3/G20			
SIHA 3/G20/LD 10-36V	6 mm	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	6 mm	25	<b>7921600000</b>

	5.1 mm	50	<b>1833100000</b>
BEST			
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>

	50	<b>1833090000</b>
TNST		

WS 10/5

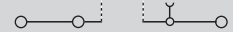
## ITR 1.5N/3AN

1.5 mm<sup>2</sup>

3 connections



5.1 x 93.5 x 46.5  
**16 / 1.5**  
**0.21...1.5**



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA
400	300	300
16	10	10
1.5	AWG 24...16	AWG 24...16
6 / 3		
V-0		



**Rated connection**

0.21...1.5

0.21...1.5

0.6 x 3.5 mm

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5

Type	Qty	Order No.
ITR 1.5N/3AN	100	<b>1812510000</b>
ITR 1.5N/3AN BL	100	<b>1812520000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>

	Width		
IAP 1.5N/4AN	2 mm	50	<b>1792470000</b>
IAP 1.5N/4AN BL	2 mm	50	<b>1792480000</b>

	8 mm	100	<b>1061200000</b>
WEW 35/2			

	1	<b>9008330000</b>
SD 0.6x3.5x100		

	6 mm	25	<b>7921560000</b>
SIHA 3/G20			
SIHA 3/G20/LD 10-36V	6 mm	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	6 mm	25	<b>7921600000</b>

	5.1 mm	50	<b>1833100000</b>
BEST			
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>

	50	<b>1833090000</b>
TNST		

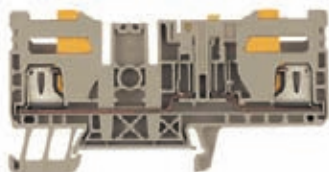
WS 10/5

To cross-connect to other IDC2 terminals use QVAR1 (see „Accessories“)

**ITR 2.5N**

**2.5 mm<sup>2</sup>**

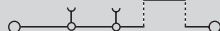
**2 connections**



6.1 x 88.5 x 49.5

/ 2.5

0.5...2.5



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA
400	300	300
18	10	10
2.5	AWG 20...14	AWG 20...14
6 / 3		
V-0		

CE, RoHS, REACH, VDE, TÜV

**Rated connection**

0.5...2.5

0.5...2.5

0.6 x 3.5 mm

Type	Qty	Order No.
ITR 2.5N	100	1812990000
ITR 2.5N BL	100	1813000000
ITR 2.5N O.TNHE	100	1820500000

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
<b>Width</b>			
IAP 2.5N/3AN	2 mm	50	1813040000
IAP 2.5N/3AN BL	2 mm	50	1813050000
WEW 35/2	8 mm	100	1061200000
SD 0.6x3.5x100		1	9008330000
SIHA 3/G20	6 mm	25	7921560000
SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
SIHA 3/G20/LD 140-250V	6 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000

WS 10/6

## Fuse terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Blade size	
Note	

### Ordering data

Version	400 V AC/DC, without LED
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
Screwdriver	
	with „swifty set“ cutting device
	Standard
G-fuse cartridge, 5 x 20mm (IEC 60127-2)	
	0,25 A fast
	0,50 A fast
	1,00 A fast
	2,00 A fast

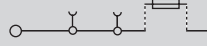
Marking systems	(see assortment in catalogue 7)
For detailed information on other accessories and applications, refer to the „Accessories“ section	


### ITR 1.5N/SI

1.5 mm<sup>2</sup>

2 connections



5.1 x 78.5 x 88.5	
<b>17.5 / 1.5</b>	
<b>0.21...1.5</b>	

IEC 60947-7-1 / IEC 60352-4		
IEC	UL	CSA
250	300	300
6.3	6.3	6.3
1.5	AWG 24...16	AWG 24...16
6 / 3		
V-0		
		
Rated connection		
0.21...1.5		
0.21...1.5		
0.6 x 3.5 mm		
Conductor < 0.5mm <sup>2</sup> / AWG 24 with IRH 1.5; Max. power loss from cartridge fuse (1.6W) limits the rated current of the terminal.		

Type	Qty	Order No.
ITR 1.5N SI	25	<b>1792640000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
Width			
IAP 1.5N/3AN	2 mm	50	<b>1792450000</b>
IAP 1.5N/3AN BL	2 mm	50	<b>1792460000</b>
SWIFTY SET			
SD 0.6x3.5x100		1	<b>9008330000</b>
G-fuse cartridge			
G 20/0.25A/F	10	<b>0430500000</b>	
G 20/0.50A/F	10	<b>0430600000</b>	
G 20/1.00A/F	10	<b>0430700000</b>	
G 20/2.00A/F	10	<b>0430900000</b>	


Marking systems	WS 10/5
-----------------	---------


### ITR 1.5N/3AN/SI

1.5 mm<sup>2</sup>

3 connections



5.1 x 93.5 x 88.8	
<b>/ 1.5</b>	
<b>0.21...1.5</b>	

IEC 60947-7-1 / IEC 60352-4		
IEC	UL	CSA
250	300	300
6.3	6.3	6.3
1.5	AWG 24...16	AWG 24...16
6 / 3		
V-0		
		
Rated connection		
0.21...1.5		
0.21...1.5		
0.6 x 3.5 mm		
Conductor < 0.5mm <sup>2</sup> / AWG 24 with IRH 1.5; Max. power loss from cartridge fuse (1.6W) limits the rated current of the terminal.		

Type	Qty	Order No.
ITR 1.5N/3AN SI	25	<b>1820390000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
Width			
IAP 1.5N/4AN	2 mm	50	<b>1792470000</b>
IAP 1.5N/4AN BL	2 mm	50	<b>1792480000</b>
SWIFTY SET			
SD 0.6x3.5x100		1	<b>9008330000</b>
G-fuse cartridge			
G 20/0.25A/F	10	<b>0430500000</b>	
G 20/0.50A/F	10	<b>0430600000</b>	
G 20/1.00A/F	10	<b>0430700000</b>	
G 20/2.00A/F	10	<b>0430900000</b>	

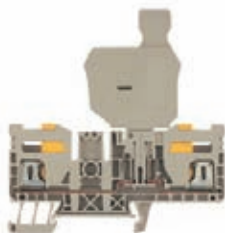
Marking systems	WS 10/5
To cross-connect to other IDC2 terminals use QVAR1 (see „Accessories“)	



**ITR 2.5N/SI**

**2.5 mm<sup>2</sup>**

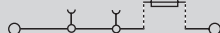
**2 connections**



6.1 x 88.5 x 92.5

**/ 2.5**

**0.21...2.5**



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA
250	300	300
6.3	6.3	6.3
2.5	AWG 20...14	AWG 20...14
/ 3		
V-0		

UL, CE, RoHS, REACH, EN60947-7-1, EN60352-4

**Rated connection**

0.5...2.5

0.5...2.5

0.6 x 3.5 mm

Type	Qty	Order No.
ITR 2.5N SI	25	<b>1813010000</b>

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	<b>1608950000</b>
ZQV 4/3 GE	32 A	60	<b>1608960000</b>
ZQV 4/4 GE	32 A	60	<b>1608970000</b>
ZQV 4/10 GE	32 A	20	<b>1609030000</b>
<b>Width</b>			
IAP 2.5N	2 mm	50	<b>1813020000</b>
IAP 2.5N BL	2 mm	50	<b>1813030000</b>
SWIFTY SET		1	<b>9006060000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
G 20/0.25A/F		10	<b>0430500000</b>
G 20/0.50A/F		10	<b>0430600000</b>
G 20/1.00A/F		10	<b>0430700000</b>
G 20/2.00A/F		10	<b>0430900000</b>

WS 10/6

Hybrid modular terminals

Feed-through terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

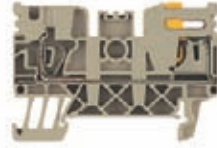
Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	with „swiftly set“ cutting device
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
	blank
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

IDU 1.5N/ZF

1.5 mm<sup>2</sup>

Hybrid tension clamp / IDC



5.1 x 59.5 x 40.5	ZF	IDC
/ 1.5		
0.21...1.5		

IEC 60947-7-1 / IEC 60352-4				Ex e ll	Ex	ll 2 G D
IEC	UL	CSA	EN 60079-7			
500	300	300	275			
17.5	10	10	15			
1.5	AWG 24...16	AWG 24...16	1.5			
			6 / 3			
			V-0			
KEMA 02ATEX2241 U						
Rated connection		Further connection				
0.21...1.5		0.5...4				
0.21...1.5		0.5...4 / 0.5...2.5				
/ 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm				
Conductor < 0.5mm <sup>2</sup> / AWG 24 with IRH 1.5						
Continuous current of cross-connection: 32A (to power supply)						

Type	Qty	Order No.
IDU 1.5N/ZF	100	1792700000
IDU 1.5N/ZF BL	100	1792710000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
IAP 1.5N	2 mm	50	1792430000
IAP 1.5N BL	2 mm	50	1792440000
WEW 35/2	8 mm	100	1061200000
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000
IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000
IAD 1/4 GE Neutral		20	1818420000

WS 10/5
---------

IDU 1.5N/ZF/3AN

1.5 mm<sup>2</sup>

Hybrid tension clamp / IDC



5.1 x 78.5 x 40.5	ZF	IDC	IDC
/ 1.5			
0.21...1.5			

IEC 60947-7-1 / IEC 60352-4				Ex e ll	Ex	ll 2 G D
IEC	UL	CSA	EN 60079-7			
500	300	300	275			
17.5	10	10				
1.5	AWG 24...16	AWG 24...16	1.5			
			6 / 3			
			V-0			
KEMA 02ATEX2241 U						
Rated connection		Further connection				
0.21...1.5		0.5...4				
0.21...1.5		0.5...4 / 0.5...2.5				
/ 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm				
Conductor < 0.5mm <sup>2</sup> / AWG 24 with IRH 1.5						
Continuous current of cross-connection: 32A (to power supply)						

Type	Qty	Order No.
IDU 1.5N/3AN/ZF	100	1806150000
IDU 1.5N/3AN/ZF BL	100	1819470000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
IAP 1.5N/3AN	2 mm	50	1792450000
IAP 1.5N/3AN BL	2 mm	50	1792460000
WEW 35/2	8 mm	100	1061200000
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000
IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000
IAD 1/4 GE Neutral		20	1818420000

WS 10/5
---------

**IDU 1.5N/ZB**

**1.5 mm<sup>2</sup>**

Hybrid clamping yoke / IDC



5.1 x 59.5 x 40.5  
/ 1.5  
0.21...1.5

IEC 60947-7-1 / IEC 60352-4 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
17.5	10	10	15
1.5	AWG 24...16	AWG 24...16	1.5
6 / 3			
V-0			

KEMA 02ATEX2241 U

Rated connection	Further connection
0.21...1.5	0.5...4
0.21...1.5	0.5...4 / 0.5...2.5
	0.4...0.6 Nm
/ 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Conductor < 0.5mm<sup>2</sup> / AWG 24 with IRH 1.5  
Continuous current of cross-connection: 32A (to power supply)

Type	Qty	Order No.
IDU 1.5N/ZB	100	1792730000
IDU 1.5N/ZB BL	100	1792740000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			
IAP 1.5N	2 mm	50	1792430000
IAP 1.5N BL	2 mm	50	1792440000
<b>Width</b>			
WEW 35/2	8 mm	100	1061200000
<b>Width</b>			
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
<b>Width</b>			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
<b>Width</b>			
IRH 1.5		100	1804510000
<b>Width</b>			
IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000
IAD 1/4 GE Neutral		20	1818420000

WS 10/5

**IDU 1.5N/ZB/3AN**

**1.5 mm<sup>2</sup>**

Hybrid clamping yoke / IDC



5.1 x 78.5 x 40.5  
/ 1.5  
0.21...1.5

IEC 60947-7-1 / IEC 60352-4 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
17.5	10	10	15
1.5	AWG 24...16	AWG 24...16	1.5
6 / 3			
V-0			

KEMA 02ATEX2241 U

Rated connection	Further connection
0.21...1.5	0.5...4
0.21...1.5	0.5...4 / 0.5...2.5
	0.4...0.6 Nm
/ 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Conductor < 0.5mm<sup>2</sup> / AWG 24 with IRH 1.5  
Continuous current of cross-connection: 32A (to power supply)

Type	Qty	Order No.
IDU 1.5N/3AN/ZB	100	1806170000
IDU 1.5N/3AN/ZB BL	100	1819480000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			
IAP 1.5N/3AN	2 mm	50	1792450000
IAP 1.5N/3AN BL	2 mm	50	1792460000
<b>Width</b>			
WEW 35/2	8 mm	100	1061200000
<b>Width</b>			
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
<b>Width</b>			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
<b>Width</b>			
IRH 1.5		100	1804510000
<b>Width</b>			
IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000
IAD 1/4 GE Neutral		20	1818420000

WS 10/5

**IDU 2.5N/ZF**

**2.5 mm<sup>2</sup>**

Hybrid tension clamp / IDC



6.1 x 67 x 45.6  
/ 2.5  
0.5...2.5

IEC 60947-7-1 / IEC 60352-4 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	15	15	21
2.5	AWG 20...14	AWG 20...14	2.5
8 / 3			
V-0			

DEMKO 03ATEX134054U

Rated connection	Further connection
0.5...2.5	0.5...6
0.5...2.5	0.5...6 / 0.5...4
/ 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Conductor < 0.5mm<sup>2</sup> / AWG 24 with IRH 1.5  
Continuous current of cross-connection: 32A (to power supply)

Type	Qty	Order No.
IDU 2.5N/ZF	100	1821260000
IDU 2.5N/ZF BL	100	1821270000

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
<b>Width</b>			
IAP 2.5N	2 mm	50	1813020000
IAP 2.5N BL	2 mm	50	1813030000
<b>Width</b>			
WEW 35/2	8 mm	100	1061200000
<b>Width</b>			
ITA 2	6.1 mm	25	1821210000
ITA 2/ZA	6.1 mm	25	1821220000
<b>Width</b>			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
<b>Width</b>			
IRH 2.5		100	1848230000
<b>Width</b>			
IAD 2/4 GE MIT BLITZ		20	1828420000
IAD 2/4 GE NEUTRAL		20	1828430000

WS 10/6

## Hybrid modular terminals

### Feed-through terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

#### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
<b>Note</b>	

#### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
<b>Note</b>	

#### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	with „swiftly set“ cutting device
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
	blank
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### IDU 2.5N/ZB

2.5 mm<sup>2</sup>

#### Hybrid clamping yoke / IDC



6.1 x 67 x 45.6	ZB	IDC
/ 2.5		
0.5...2.5		

IEC 60947-7-1 / IEC 60352-4				Ex e ll Ex II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
24	15	15	21	24	15	15	21
2.5	AWG 20...14	AWG 20...14	2.5	2.5	AWG 20...14	AWG 20...14	2.5
				8 / 3			
				V-0			
DEMKO 03ATEX134054U							
Rated connection				Further connection			
0.5...2.5				0.5...6			
0.5...2.5				0.5...6 / 0.5...4			
				0.5...0.8 Nm			
/ 0.6 x 3.5 mm				13 / 0.6 x 3.5 mm			
<b>Note</b>							

Type	Qty	Order No.
IDU 2.5N/ZB	100	1821290000
IDU 2.5N/ZB BL	100	1821300000
<b>Note</b>		

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
IAP 2.5N	2 mm	50	1813020000
IAP 2.5N BL	2 mm	50	1813030000
<b>Note</b>			
WEW 35/2	8 mm	100	1061200000
<b>Note</b>			
ITA 2	6.1 mm	25	1821210000
ITA 2/ZA	6.1 mm	25	1821220000
<b>Note</b>			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
<b>Note</b>			
IRH 2.5		100	1848230000
<b>Note</b>			
IAD 2/4 GE MIT BLITZ		20	1828420000
IAD 2/4 GE NEUTRAL		20	1828430000
<b>Note</b>			

Type	Qty	Order No.
WS 10/6		
<b>Note</b>		

### IDU 2.5N/3AN/ZB

2.5 mm<sup>2</sup>

#### Hybrid clamping yoke / IDC



6.1 x 88.5 x 45.6	ZB	IDC	IDC
/ 2.5			
0.5...2.5			

IEC 60947-7-1 / IEC 60352-4				Ex e ll Ex II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
24	15	15	21	24	15	15	21
2.5	AWG 20...14	AWG 20...14	2.5	2.5	AWG 20...14	AWG 20...14	2.5
				8 / 3			
				V-0			
DEMKO 03ATEX134054U							
Rated connection				Further connection			
0.5...2.5				0.5...6			
0.5...2.5				0.5...6 / 0.5...4			
				0.5...0.8 Nm			
/ 0.6 x 3.5 mm				13 / 0.6 x 3.5 mm			
<b>Note</b>							

Type	Qty	Order No.
IDU 2.5N/3AN/ZB	100	1848300000
IDU 2.5N/3AN/ZB BL	100	1848310000
<b>Note</b>		

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
IAP 2.5N/3AN	2 mm	50	1813040000
IAP 2.5N/3AN BL	2 mm	50	1813050000
<b>Note</b>			
WEW 35/2	8 mm	100	1061200000
<b>Note</b>			
ITA 2	6.1 mm	25	1821210000
ITA 2/ZA	6.1 mm	25	1821220000
<b>Note</b>			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
<b>Note</b>			
IRH 2.5		100	1848230000
<b>Note</b>			
IAD 2/4 GE MIT BLITZ		20	1828420000
IAD 2/4 GE NEUTRAL		20	1828430000
<b>Note</b>			

Type	Qty	Order No.
WS 10/6		
<b>Note</b>		

Modular PE terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
<b>Note</b>	

Ordering data

Version	
	green/yellow Wemid
<b>Note</b>	

Accessories

<b>End plate / partition</b>	Dark beige Wemid
<b>End bracket</b>	Dark beige Wemid
<b>Test adapter</b>	Standard With assembly peg
<b>Screwdriver</b>	with „swifty set“ cutting device Standard
<b>Reducing sleeves</b>	For conductors < 0,5 mm <sup>2</sup> / AWG 20 For conductors < 1,0 mm <sup>2</sup> / AWG 18
<b>Cover</b>	With lightning flash symbol blank

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

IPE 1.5N/ZF

1.5 mm<sup>2</sup>

Hybrid tension clamp / IDC



5.1 x 59.5 x 40.5	ZF	IDC
/ 1.5	PE	
<b>0.21...1.5</b>		

IEC 60947-7-2 / IEC 60352-4				Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7			
1.5	AWG 24...16	AWG 24...16	1.5			
500						
6						
				3		
				V-0		
KEMA 02ATEX2241 U						
Rated connection		Further connection				
0.21...1.5		0.5...4				
0.21...1.5		0.5...4 / 0.5...2.5				
/ 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm				
Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5						

Type	Qty	Order No.
IPE 1.5N/ZF	100	1792720000

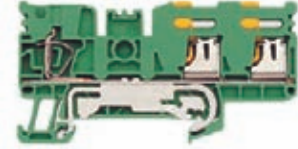
Type	Width	Qty	Order No.
IAP 1.5N	2 mm	50	1792430000
WEW 35/2	8 mm	100	1061200000
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000
IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000
IAD 1/4 GE Neutral		20	1818420000

WS 10/5

IPE 1.5N/ZF/3AN

1.5 mm<sup>2</sup>

Hybrid tension clamp / IDC



5.1 x 78.5 x 40.5	ZF	IDC	IDC
/ 1.5	PE		
<b>0.21...1.5</b>			

IEC 60947-7-2 / IEC 60352-4				Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7			
1.5	AWG 24...16	AWG 24...16	1.5			
500						
6						
				3		
				V-0		
KEMA 02ATEX2241 U						
Rated connection		Further connection				
0.21...1.5		0.5...4				
0.21...1.5		0.5...4 / 0.5...2.5				
/ 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm				
Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5						

Type	Qty	Order No.
IPE 1.5N/3AN/ZF	100	1806140000

Type	Width	Qty	Order No.
IAP 1.5N/3AN	2 mm	50	1792450000
WEW 35/2	8 mm	100	1061200000
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000
IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000
IAD 1/4 GE Neutral		20	1818420000

WS 10/5

## Hybrid modular terminals

## Modular PE terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

<b>Rated data</b>	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
UL94 Flammability class	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
<b>Note</b>	

## Ordering data

<b>Version</b>	green/yellow Wemid
<b>Note</b>	

## Accessories

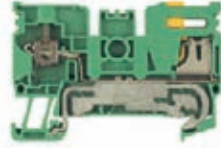
<b>End plate / partition</b>	Dark beige Wemid
<b>End bracket</b>	Dark beige Wemid
<b>Test adapter</b>	Standard With assembly peg
<b>Screwdriver</b>	with „swifty set“ cutting device Standard
<b>Reducing sleeves</b>	For conductors < 0,5 mm <sup>2</sup> / AWG 20 For conductors < 1,0 mm <sup>2</sup> / AWG 18
<b>Cover</b>	With lightning flash symbol blank

<b>Marking systems</b>	(see assortment in catalogue 7) Marking tags
<b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b>	

## IPE 1.5N/ZB

1.5 mm<sup>2</sup>

## Hybrid clamping yoke / IDC



5.1 x 59.5 x 40.5	ZB	IDC
/ 1.5	PE	
<b>0.21...1.5</b>		

IEC 60947-7-2 / IEC 60352-4				Ex e ll		ll 2 G D
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>			
1.5	AWG 24...16	AWG 24...16	1.5			
500						
6						
				3		
				V-0		
KEMA 02ATEX2241 U						
<b>Rated connection</b>		<b>Further connection</b>				
0.21...1.5		0.5...4				
0.21...1.5		0.5...4 / 0.5...2.5				
		0.4...0.6 Nm				
/ 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm				
Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5						

<b>Type</b>	<b>Qty</b>	<b>Order No.</b>
IPE 1.5N/ZB	100	1792750000

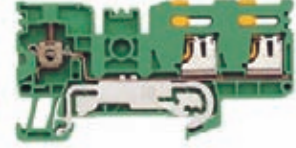
<b>Type</b>	<b>Width</b>	<b>Qty</b>	<b>Order No.</b>
IAP 1.5N	2 mm	50	1792430000
WEW 35/2	8 mm	100	1061200000
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000
IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000
IAD 1/4 GE Neutral		20	1818420000

WS 10/5
---------

## IPE 1.5N/ZB/3AN

1.5 mm<sup>2</sup>

## Hybrid clamping yoke / IDC



5.1 x 78.5 x 40.5	ZB	IDC	IDC
/ 1.5	PE		
<b>0.21...1.5</b>			

IEC 60947-7-2 / IEC 60352-4				Ex e ll		ll 2 G D
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>			
1.5	AWG 24...16	AWG 24...16	1.5			
500						
6						
				3		
				V-0		
KEMA 02ATEX2241 U						
<b>Rated connection</b>		<b>Further connection</b>				
0.21...1.5		0.5...4				
0.21...1.5		0.5...4 / 0.5...2.5				
		0.4...0.6 Nm				
/ 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm				
Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5						

<b>Type</b>	<b>Qty</b>	<b>Order No.</b>
IPE 1.5N/3AN/ZB	100	1806160000

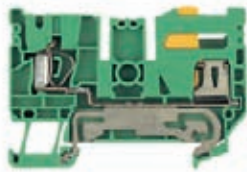
<b>Type</b>	<b>Width</b>	<b>Qty</b>	<b>Order No.</b>
IAP 1.5N/3AN	2 mm	50	1792450000
WEW 35/2	8 mm	100	1061200000
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000
IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000
IAD 1/4 GE Neutral		20	1818420000

WS 10/5
---------

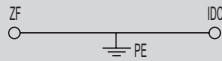
IPE 2.5N/ZF

2.5 mm<sup>2</sup>

Hybrid tension clamp / IDC



6.1 x 67 x 45.6  
/ 2.5  
0.5...2.5



IEC 60947-7-2 / IEC 60352-4 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 20...14	AWG 20...14	2.5
800			
8			
	3		
	V-0		

DEMKO 03ATEX134054U

Rated connection	Further connection
0.5...2.5	0.5...6
0.5...2.5	0.5...6 / 0.5...4
/ 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Type	Qty	Order No.
IPE 2.5N/ZF	100	1821280000

Type	Width	Qty	Order No.
IAP 2.5N	2 mm	50	1813020000
WEW 35/2	8 mm	100	1061200000
ITA 2	6.1 mm	25	1821210000
ITA 2/ZA	6.1 mm	25	1821220000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 2.5		100	1848230000
IAD 2/4 GE MIT BLITZ		20	1828420000
IAD 2/4 GE NEUTRAL		20	1828430000

WS 10/6

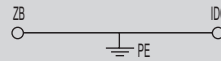
IPE 2.5N/ZB

2.5 mm<sup>2</sup>

Hybrid clamping yoke / IDC



6.1 x 67 x 45.6  
/ 2.5  
0.5...2.5



IEC 60947-7-2 / IEC 60352-4 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 20...14	AWG 20...14	2.5
800			
8			
	3		
	V-0		

DEMKO 03ATEX134054U

Rated connection	Further connection
0.5...2.5	0.5...6
0.5...2.5	0.5...6 / 0.5...4
/ 0.6 x 3.5 mm	0.5...0.8 Nm (M 3)
	13 / 0.6 x 3.5 mm

Type	Qty	Order No.
IPE 2.5N/ZB	100	1821310000

Type	Width	Qty	Order No.
IAP 2.5N	2 mm	50	1813020000
WEW 35/2	8 mm	100	1061200000
ITA 2	6.1 mm	25	1821210000
ITA 2/ZA	6.1 mm	25	1821220000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 2.5		100	1848230000
IAD 2/4 GE MIT BLITZ		20	1828420000
IAD 2/4 GE NEUTRAL		20	1828430000

WS 10/6

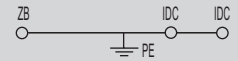
IPE 2.5N/3AN/ZB

2.5 mm<sup>2</sup>

Hybrid clamping yoke / IDC



6.1 x 88.5 x 45.6  
/ 2.5  
0.5...2.5



IEC 60947-7-2 / IEC 60352-4

IEC	UL	CSA
2.5	AWG 20...14	AWG 20...14
800		
8		
	3	
	V-0	

DEMKO 03ATEX134054U

Rated connection	Further connection
0.5...2.5	0.5...6
0.5...2.5	0.5...6 / 0.5...4
/ 0.6 x 3.5 mm	0.5...0.8 Nm
	13 / 0.6 x 3.5 mm

Type	Qty	Order No.
IPE 2.5N/3AN/ZB	100	1848320000

Type	Width	Qty	Order No.
IAP 2.5N/3AN	2 mm	50	1813040000
WEW 35/2	8 mm	100	1061200000
ITA 2	6.1 mm	25	1821210000
ITA 2/ZA	6.1 mm	25	1821220000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 2.5		100	1848230000

WS 10/6



## Hybrid modular terminals

## Two-tier modular terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

## Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

## Accessories

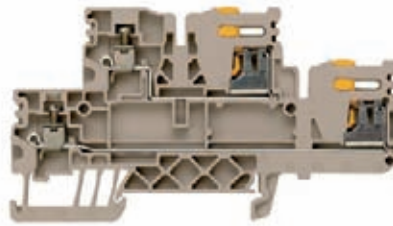
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	with „swiftly set“ cutting device
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
Cover	
	With lightning flash symbol

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

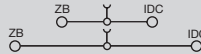
## IDK 1.5N/ZB

1.5 mm<sup>2</sup>

## Hybrid clamping yoke / IDC



5.1 x 96 x  
/ 1.5  
0.21...1.5



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA
500	300	300
17.5	10	10
1.5	AWG 24...16	AWG 24...16
	6 / 3	
	V-0	

Rated connection	Further connection
0.21...1.5	0.5...4
0.21...1.5	0.5...4 / 0.5...2.5
	0.4...0.6 Nm
/ 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5

Type	Qty	Order No.
IDK 1.5N/ZB	50	1891950000
IDK 1.5N/ZB BL	50	1896720000

PE terminal IDK 1.5N/ZB PE: 1891970000; 4 connections at one potential with IDK 1.5N/ZB V: 1891960000;

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000

Width			
IAP 1.5N/DK-ZB	2 mm	50	1896710000
IAP 1.5N/DK-ZB BL	2 mm	50	1896730000

WEW 35/2	8 mm	100	1061200000
----------	------	-----	------------

ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000

SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000

IRH 1.5		100	1804510000
---------	--	-----	------------

IAD 1/4 GE MIT BLITZ	24.3 mm	20	1805500000
----------------------	---------	----	------------

WS 10/5



# Pluggable standard terminal featuring IDC technology

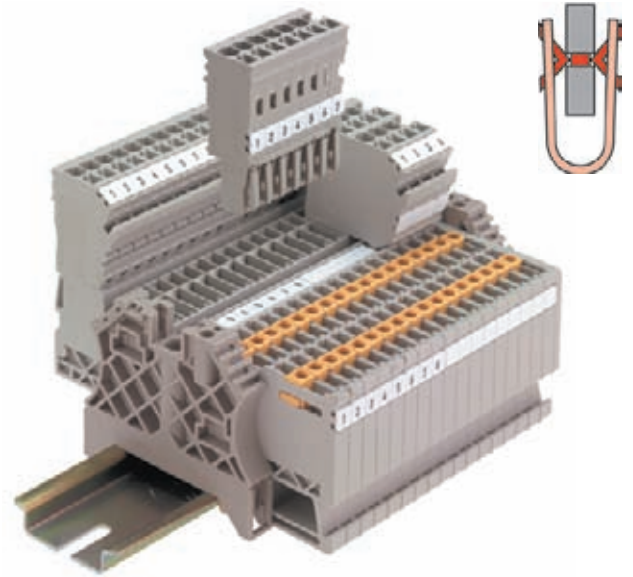
Profit from the amazing benefits of IDC2 technology  
**quick – secure – compact**  
 in combination with a pluggable standard terminal.

## The basic principle is beautifully simple:

One terminal strip for the function unit, one plug-in connector for cable harness assembly. During final assembly, the two units just have to be slotted into each other – like plug-in connectors. And that's all there is to it!

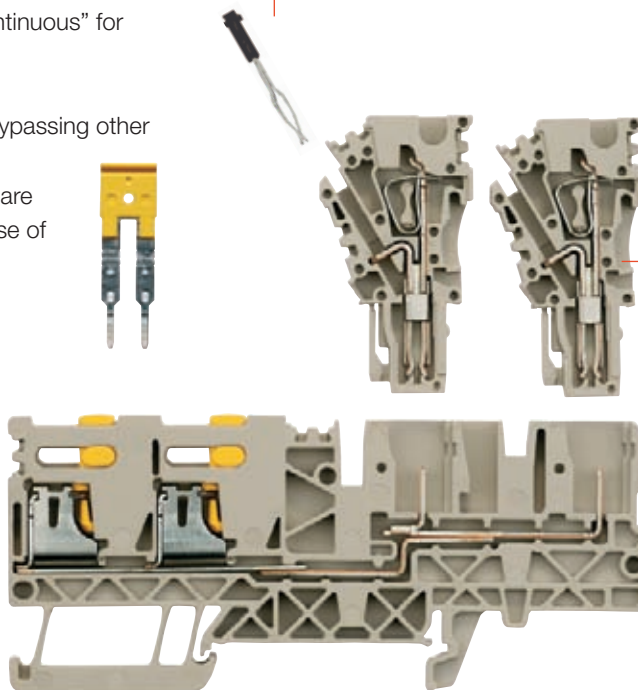
## You'll soon be convinced by the benefits of this technology:

Quick assembly of functional units which can be fully tested in the factory, quickly and easily replaced or reassemble on site.



### Plug-in cross-connections

- 2 to 10 pole or “continuous” for individual assembly
- Full rated current
- Break-off pole for bypassing other potentials
- Plug-in connectors are also designed for use of cross-connections



### Push-on connection

The tensioned steel contact ensures galvanic isolation.

- High contact strength with highly conductive properties

You can find a large selection of plug-in connectors in the “Accessories” chapter.



### Secure fixing

All plug-in units can be locked securely to the terminal strip by means of separate locking elements.



### Contact reliability

- Maintenance-free connection
- Gas-tight contact area
- 100 % vibration-resistant

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

Rated data	
Rated voltage	V
max. voltage of pluggable system	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Blade size	

**Note**

**Ordering data**

Base terminal	
	Dark beige Wemid
Plug-in connector	
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
8-pole	
10-pole	
<b>Note</b>	

**Accessories**

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Miscellaneous accessories, WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	with „swifty set“ cutting device
	Standard

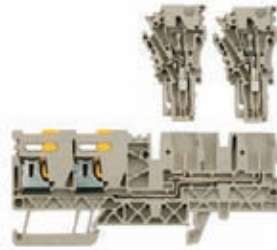
**Marking systems** (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

**IT 1.5N/4AN/2**

1.5 mm<sup>2</sup>



5.1 x 93.5 x 40.7
/ 1.5
0.21...1.5

IEC 60947-7-1 / IEC 60352-4		
IEC	UL	CSA
500	300	300
690		
17.5	10	10
1.5	AWG 24...16	AWG 24...16
	6 / 3	
	V-0	
Rated connection		
0.21...1.5		0.5...4
0.21...1.5		0.5...4 / 0.5...2.5
0.6 x 3.5 mm		
Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5		

Type	Qty	Order No.
IT 1.5N/4AN/2	50	1837250000
Type	Qty	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/10	20	1815280000

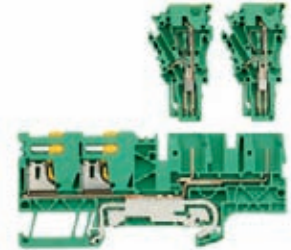
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
IAP/TW IT1.5N/4AN	2 mm	50	1837270000
Width			
ITA 1	5.1 mm	25	1803800000
ITA 1/ZA	5.1 mm	25	1803810000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000

WS 10/5

WS 10/5

**ITPE 1.5N/4AN/2**

1.5 mm<sup>2</sup>



5.1 x 93.5 x 41.5
/ 1.5
0.21...1.5

IEC 60947-7-2 / IEC 60352-4		
IEC	UL	CSA
500	300	300
1.5	AWG 24...16	AWG 24...16
	6 / 3	
	V-0	
Rated connection		
0.21...1.5		0.5...4
0.21...1.5		0.5...4 / 0.5...2.5
0.6 x 3.5 mm		
Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5		

Type	Qty	Order No.
ITPE 1.5N/4AN/2	50	1837260000
Type	Qty	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/10	20	1815280000

Type	Qty	Order No.
Width		
IAP/TW IT1.5N/4AN	2 mm	50
1837270000		
Width		
ITA 1	5.1 mm	25
1803800000		
ITA 1/ZA	5.1 mm	25
1803810000		
ZVR ZP2.5		25
1816130000		
KOSF ZT2.5		50
1816150000		
ZZE ZP2.5		25
1816140000		
SWIFTY SET		1
9006060000		
SD 0.6x3.5x100		1
9008330000		

WS 10/5

WS 10/5

# The modular initiator/actuator system with integrated cross-connection – featuring advanced IDC technology

## The principle

Two current bars in the individual terminal (or three with separate PE / earth function) are used to provide potentials. They are supplied via a supply terminal and the internal crossconnections. Two other current bars act as a feed-through terminal for forwarding signals.

## The internal cross-connection

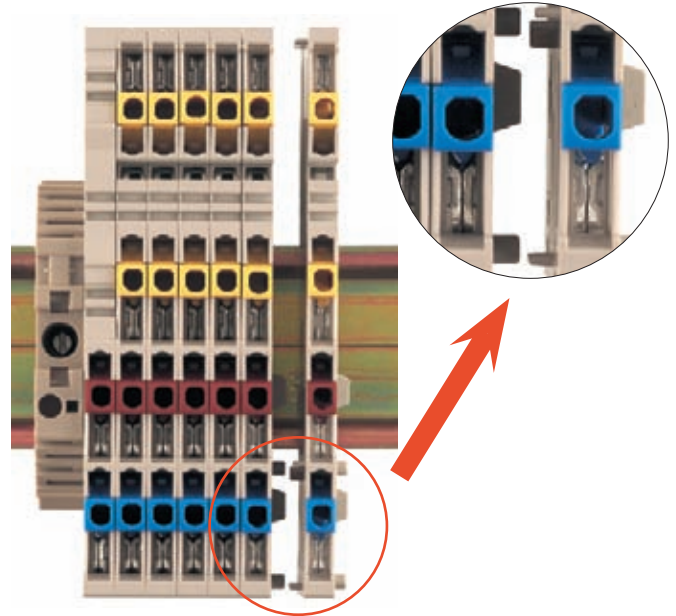
The cross-connections are already integrated within the individual terminals. The female contact is on one side of the terminal and the male contact on the other. The modular design means that variable terminal strips can be created for different applications.

## The end plate

End plates enable additional marking of the rows.

## The status indication

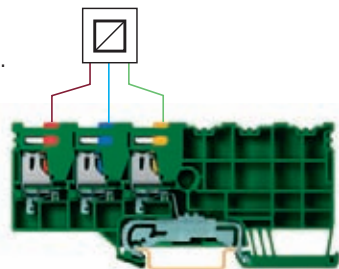
The signal status can be indicated directly at the terminal.



## The alternative versions

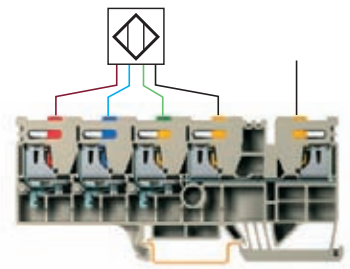
### • Supply terminal

Supply made easy with additional options for marking.



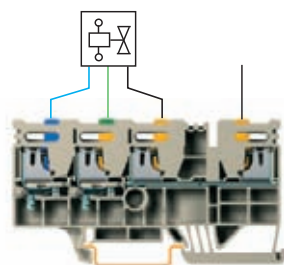
### • Initiator terminal

Power supply and signal transmission in one terminal; available in a 3- or 4-conductor version.



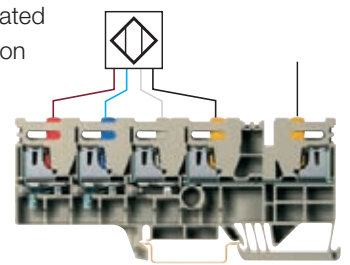
### • Actuator terminal

Simple connection of actuators.



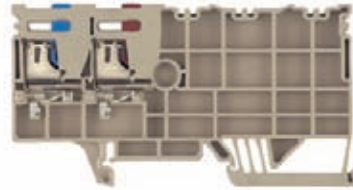
### • Initiator terminal with parking position

For connecting 4L initiators:  
The NCC/NOC currently not in use can be connected to the insulated contact, so that rewiring later on is no problem.



**IEK 1.5N 3L**

1.5 mm<sup>2</sup>



5.1 x 93 x 51  
/ 1.5  $\begin{matrix} - & + \\ \circ & \circ \end{matrix}$   
**0.21...1.5**

IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA
250	300	300
17.5	10	10
1.5	AWG 24...16	AWG 24...16
4 / 3		
V-0		

**Rated connection**

0.21...1.5
0.21...1.5
0.6 x 3.5 mm

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5

**IEK 1.5N 3L PE**

1.5 mm<sup>2</sup>



5.1 x 93 x 51  
/ 1.5  $\begin{matrix} - & & PE \\ \circ & & \circ \end{matrix}$   
**0.21...1.5**

IEC 60947-7-2 / IEC 60352-4

IEC	UL	CSA
250	300	300
17.5	10	10
1.5	AWG 24...16	AWG 24...16
4 / 3		
V-0		

**Rated connection**

0.21...1.5
0.21...1.5
0.6 x 3.5 mm

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Blade size	
Note	

**Ordering data**

Version	
	Dark beige Wemid
Note	

**Accessories**

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	with „swifty set“ cutting device
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20

Type	Qty	Order No.
IEK 1.5N 3L	25	1801790000

Type	Qty	Order No.
<b>Width</b>		
IAP 1.5N 3L	2 mm 20	1801770000
WEW 35/2	8 mm 100	1061200000
SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000
IRH 1.5	100	1804510000

Type	Qty	Order No.
IEK 1.5N 3L PE	25	1801800000

Type	Qty	Order No.
<b>Width</b>		
IAP 1.5N 3L	2 mm 20	1801770000
WEW 35/2	8 mm 100	1061200000
SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000
IRH 1.5	100	1804510000

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

WS 10/5
---------

WS 10/5
---------

## Initiator and actuator terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Blade size	
Note	

### Ordering data

Version	Note
Dark beige Wemid	
Note	

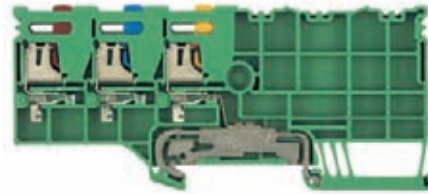
### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	with „swifty set“ cutting device
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## IEK 1.5N 4L PE

1.5 mm<sup>2</sup>



5.1 x 113 x 51	+ ○	- ○	PE ○
/ 1.5			
<b>0.21...1.5</b>			

IEC 60947-7-2 / IEC 60352-4			
IEC	UL	CSA	
250	300	300	
17.5	10	10	
1.5	AWG 24...16	AWG 24...16	
		4 / 3	
		V-0	
Rated connection			
0.21...1.5			
0.21...1.5			
0.6 x 3.5 mm			
Note			
Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5			

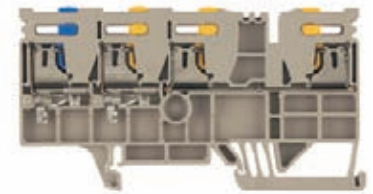
Type	Qty	Order No.
IEK 1.5N 4L PE	25	<b>1801810000</b>

Type	Qty	Order No.
Width		
IAP 1.5N 4L	2 mm	20 <b>1801780000</b>
WEW 35/2	8 mm	100 <b>1061200000</b>
SWIFTY SET	1	<b>9006060000</b>
SD 0.6x3.5x100	1	<b>9008330000</b>
IRH 1.5	100	<b>1804510000</b>

WS 10/5
---------

## IAK 1.5N 3L

1.5 mm<sup>2</sup>



5.1 x 93 x 51	- ○	PE ○	○-○
/ 1.5			
<b>0.21...1.5</b>			

IEC 60947-7-1 / IEC 60352-4		
IEC	UL	CSA
250	300	300
17.5	10	10
1.5	AWG 24...16	AWG 24...16
		4 / 3
		V-0
Rated connection		
0.21...1.5		
0.21...1.5		
0.6 x 3.5 mm		
Note		
Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5		

Type	Qty	Order No.
IAK 1.5N 3L	50	<b>1801820000</b>
Base terminal with LED: IAK 1.5N 3L D: 1801830000		

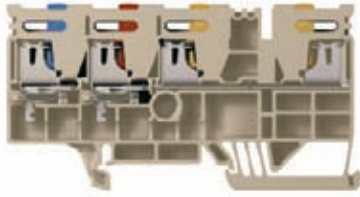
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
IAP 1.5N 3L	2 mm	20	<b>1801770000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
SWIFTY SET		1	<b>9006060000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
IRH 1.5		100	<b>1804510000</b>

WS 10/5
---------



IHK 1.5N 3L

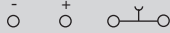
1.5 mm<sup>2</sup>



5.1 x 93 x 51

/ 1.5

0.21...1.5



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA
250	300	300
17.5	10	10
1.5	AWG 24...16	AWG 24...16
4 / 3		
V-0		



Rated connection

0.21...1.5

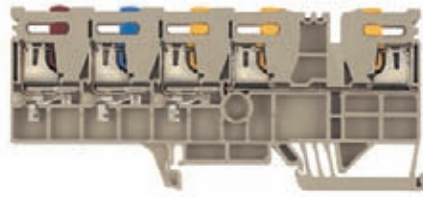
0.21...1.5

0.6 x 3.5 mm

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5

IHK 1.5N 4L

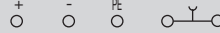
1.5 mm<sup>2</sup>



5.1 x 113 x 51

/ 1.5

0.21...1.5



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA
250	300	300
17.5	10	10
1.5	AWG 24...16	AWG 24...16
4 / 3		
V-0		



Rated connection

0.21...1.5

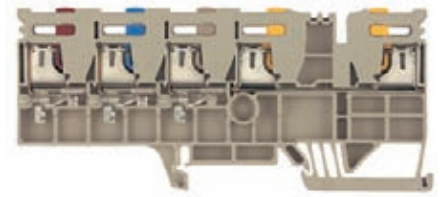
0.21...1.5

0.6 x 3.5 mm

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5

IHK 1.5N 4L PA

1.5 mm<sup>2</sup>



5.1 x 113 x 51

/ 1.5

0.21...1.5



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA
250	300	300
17.5	10	10
1.5	AWG 24...16	AWG 24...16
4 / 3		
V-0		



Rated connection

0.21...1.5

0.21...1.5

0.6 x 3.5 mm

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5

Type	Qty	Order No.
IHK 1.5N 3L	50	1801840000
Base terminal with LED: IHK 1.5N 3L D/PNP 1801850000, IHK 1.5N 3L D/NPN 1801860000		

Type	Qty	Order No.
IHK 1.5N 4L	50	1801870000
Base terminal with LED: IHK 1.5N 4L D/PNP 1801880000, IHK 1.5N 4L D/NPN 1801890000		

Type	Qty	Order No.
IHK 1.5N 4L PA	50	1801900000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
IAP 1.5N 3L	2 mm	20	1801770000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
IAP 1.5N 4L	2 mm	20	1801780000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
IAP 1.5N 4L	2 mm	20	1801780000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000

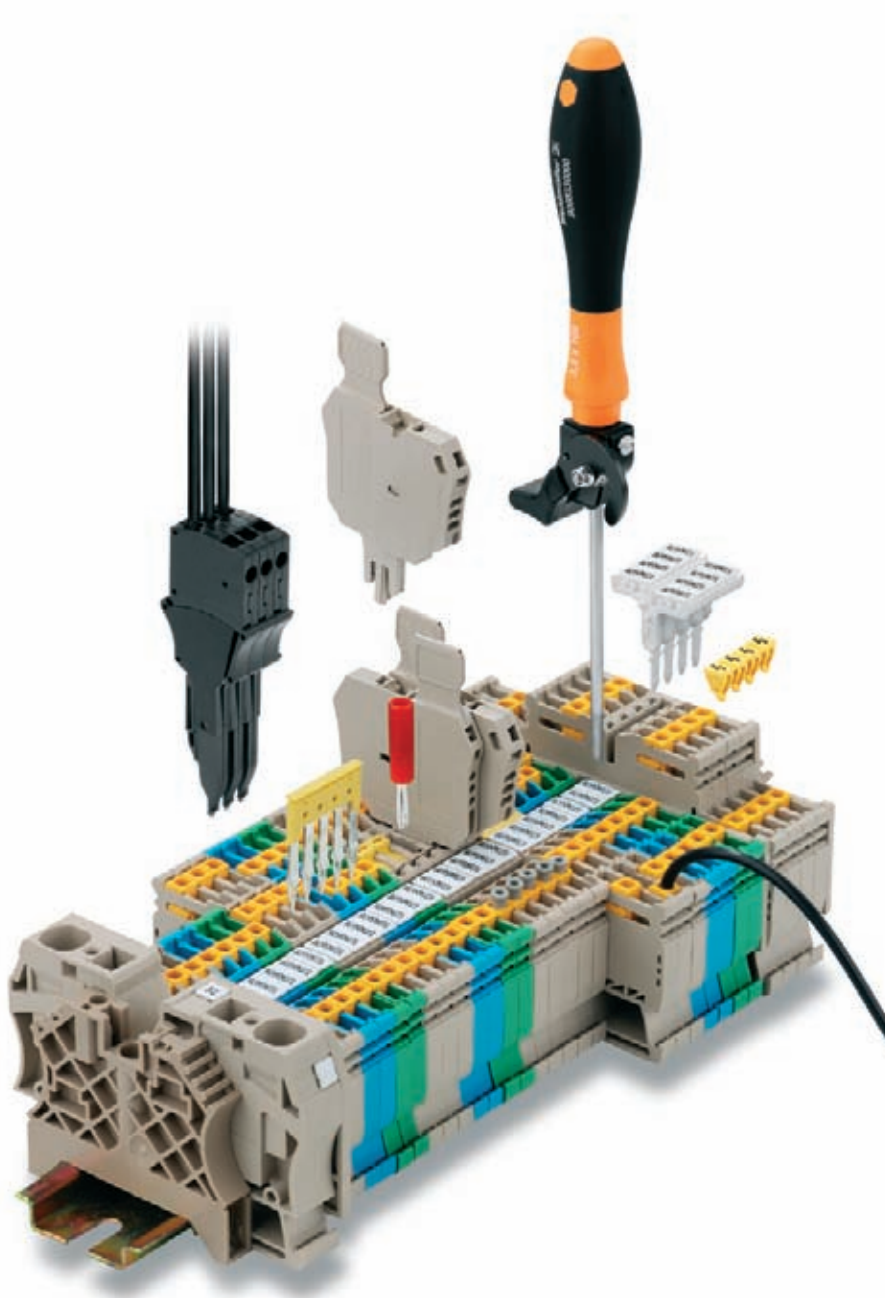
WS 10/5

WS 10/5

WS 10/5

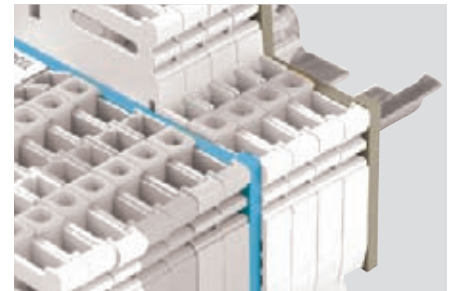
## Additional functions

Weidmüller offers users a full range of accessories for I-Series terminals, providing optimum solutions to every conceivable task – even outside the range of standard functions. All Weidmüller accessories are built to the same quality standards as the terminals themselves.



### Visual separation

Page C.38



End plates and partition plates have the function of guaranteeing “finger-touch safety” in terminal strips by preventing finger contact with any conducting parts. In addition, end plates and partition plates are also used for visual separation of circuits.

This visual separation can be enhanced by using coloured end plates.

### Labelling and connecting

Chapter G



Weidmüller labelling systems featured in **chapter G** are used to mark IDC terminals.

Weidmüller IDC2 terminals are connected using a standard 0.6 x 3.5 screwdriver. Here our **Swifty®** screwdriver with combined cutting function (see **page G.73**) is a very clever solution.

**Fastening**

Chapter G



An end bracket is fitted on the mounting rail to the right and left of the terminals to ensure that they sit firmly in position. The marking surface of the end bracket can also be used for group marking. The wide range of Weidmüller end brackets and mounting rails can be found in **Chapter G**.

**Electrical supply**

Page C.40



Weidmüller IDC2 terminals come with the **ZEI 16** supply terminal. Crossconnections break the current input down into several current outputs. The current is supplied with a conductor cross-section of 16 mm<sup>2</sup> and then distributed across neighbouring terminals for cross-sectional areas of 1.5 mm<sup>2</sup> and 2.5 mm<sup>2</sup>.

**Electrical distribution**

Page C.42



A plug-in **cross-connection system (ZQV)** is supplied for all Weidmüller terminals.

Potential is distributed to any number of terminals simply by plugging the cross-section into the middle of the terminals.

**Pluggable terminals ...**

Page C.30

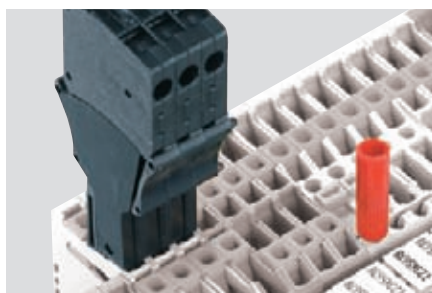
**... with IDC technology**

In its design, the terminals are based on the modular principle. The basic elements of the WeiCoS system consist of one terminal assembly for the functional unit on the mounting rail, and plug-in connectors connecting up the elements (cable harness assembly).

- Quick assembly
- Fully plugged-in functional units possible
- Quick and simple replacement during servicing

**Testing**

Page C.44

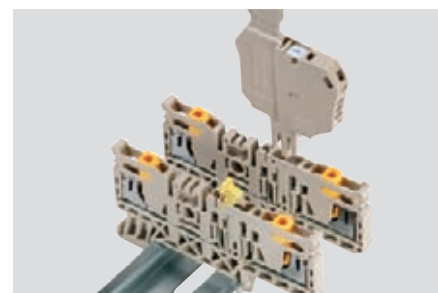


The latching test adapter (**ITA**) is used as a single unit and as a test adapter strip for measurements in control cabinets.

The test adapter allows convenient, rational testing of assembled terminals. It is simply latched onto the terminal. This creates contact with the current carrying busbar. The unit is released from the terminal by simply pressing the release button.

**Specific functions**

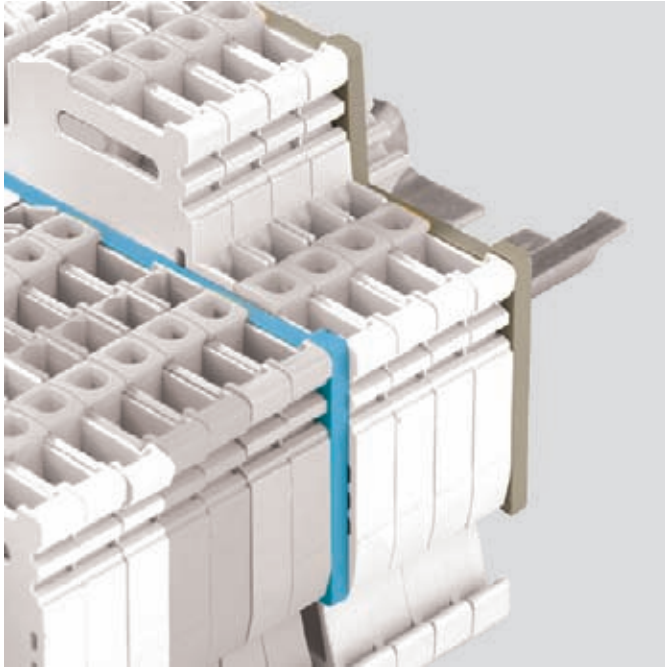
Page C.46



For the IDC terminals there are also further accessories available, e.g.

- Pluggable fuse holder (SIHA 3)
- Reducing bush for centring small conductors

End plates / partitions



End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage.

It guarantees protection against contact with live parts and makes the final terminal touch-proof.

If cross-connections are shortened, end plates must be used on the bare cut edges of the cross-connection to maintain the rated voltage of 250 V.

Coloured end plates are used to distinguish different circuits.

Ordering data

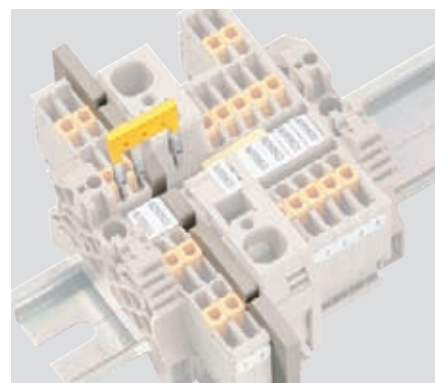
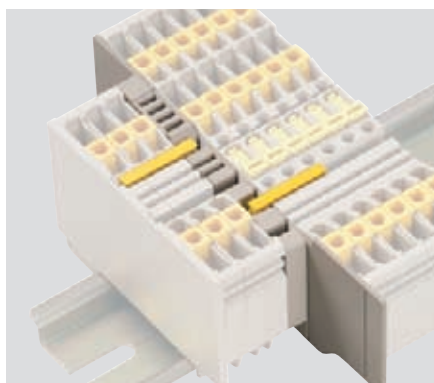
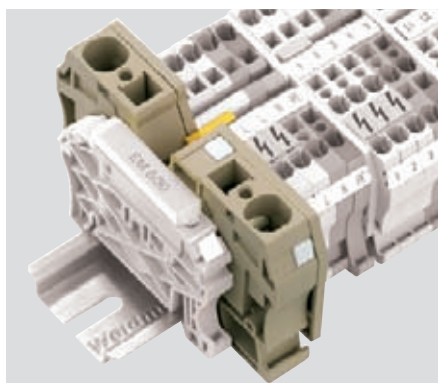
Type	Width	2 mm	Colour	Qty	Order No.	For terminal:
IAP 1.5N			dark beige	50	<b>1792430000</b>	IDK 1.5N
IAP 1.5N BL			blue	50	<b>1792440000</b>	IDK 1.5N BL
						IDK 1.5N PE
						IDK 1.5N V
						IDU 1.5N
						IDU 1.5N BL
						IDU 1.5N/3AN/ZB
						IDU 1.5N/3AN/ZB BL
						IDU 1.5N/3AN/ZF
						IDU 1.5N/3AN/ZF BL
						IDU 1.5N/ZB
						IDU 1.5N/ZB BL
						IDU 1.5N/ZF
						IDU 1.5N/ZF BL
						IPE 1.5N
						IPE 1.5N/ZB
						IPE 1.5N/ZF
						ITR 1.5N
						ITR 1.5N BL
						ITR 1.5N O.TNHE
						ITR 1.5N/SI
<b>Width 2 mm</b>						
IAP 1.5N/3AN			dark beige	50	<b>1792450000</b>	IDU 1.5N/3AN
IAP 1.5N/3AN BL			blue	50	<b>1792460000</b>	ITR 1.5N
						ITR 1.5N BL
						ITR 1.5N O.TNHE
						ITR 1.5N/3AN
						ITR 1.5N/3AN BL
						ITR 1.5N/3AN SI
						ITR 1.5N/SI
						IDU 1.5N/3AN BL
						IDU 1.5N/3AN/ZB
						IDU 1.5N/3AN/ZB BL
						IDU 1.5N/3AN/ZF
						IDU 1.5N/3AN/ZF BL
						IPE 1.5N/3AN
						IPE 1.5N/3AN/ZB
						IPE 1.5N/3AN/ZF
<b>Width 2 mm</b>						
IAP 1.5N/4AN			dark beige	50	<b>1792470000</b>	IDU 1.5N/2X2AN
IAP 1.5N/4AN BL			blue	50	<b>1792480000</b>	IDU 1.5N/4AN
						IDU 1.5N/4AN BL
						IPE 1.5N/4AN
						ITR 1.5N/3AN
						ITR 1.5N/3AN BL
						ITR 1.5N/3AN SI
<b>Width 2 mm</b>						
IAP 1.5N/DK-ZB			beige	50	<b>1896710000</b>	IDK 1.5N/ZB
IAP 1.5N/DK-ZB BL			blue	50	<b>1896730000</b>	IDK 1.5N/ZB BL
<b>Width 2 mm</b>						
IAP 1.5N/DK			dark beige	50	<b>1792520000</b>	IDK 1.5N
IAP 1.5N/DK BL			blue	50	<b>1792530000</b>	IDK 1.5N BL
						IDK 1.5N DU-PE
						IDK 1.5N PE
						IDK 1.5N V
<b>Width 2 mm</b>						
IAP 1.5N 3L			dark beige	20	<b>1801770000</b>	IAK 1.5N 3L
						IEK 1.5N 3L
						IEK 1.5N 3L PE
						IIK 1.5N 3L
<b>Width 2 mm</b>						
IAP 1.5N 4L			dark beige	20	<b>1801780000</b>	IEK 1.5N 4L PE
						IIK 1.5N 4L
						IIK 1.5N 4L PA
<b>Width 2 mm</b>						
IAP 2.5N			dark beige	50	<b>1813020000</b>	IDU 2.5N
IAP 2.5N BL			blue	50	<b>1813030000</b>	ITR 2.5N SI
						IDU 2.5N BL
						IDU 2.5N/ZB
						IDU 2.5N/ZB BL
						IDU 2.5N/ZF
						IDU 2.5N/ZF BL
						IPE 2.5N
						IPE 2.5N/ZB
						IPE 2.5N/ZF

Ordering data

Type	Colour	Qty	Order No.	For terminal:
<b>Width 2 mm</b>				
IAP 2.5N/3AN	dark beige	50	<b>1813040000</b>	IDU 2.5N/3AN
IAP 2.5N/3AN BL	blue	50	<b>1813050000</b>	IDU 2.5N/3AN BL
				IDU 2.5N/3AN/ZB
				IDU 2.5N/3AN/ZB BL
				IPE 2.5N/3AN
				IPE 2.5N/3AN/ZB
				ITR 2.5N
				ITR 2.5N BL
				ITR 2.5N O.TNHE
<b>Width 2 mm</b>				
IAP 2.5N/4AN	dark beige	50	<b>1813070000</b>	IDU 2.5N/2X2AN
IAP 2.5N/4AN BL	blue	50	<b>1813080000</b>	IDU 2.5N/4AN
				IDU 2.5N/4AN BL
				IPE 2.5N/4AN



## ZEI 16 supply terminal



The **ZEI 16** supply terminal is capable of taking conductor cross-sectional areas of up to 25 mm<sup>2</sup>. Standard cross-connections then distribute the current to any number of terminals with a smaller cross-sectional area.

Cross-connection to ITR 1.5N/3AN with QVAR 1 (cross-connection adapter)

Power supply with the IEPL feed plate

## Supply options and corresponding cross-connections

		right								
Supply terminals	Output terminals	IDU 1.5N	IDU 1.5N/3AN	IDU 1.5N/4AN	IDU 2.5N	IDU 2.5N/3AN	IDU 2.5N/4AN	ITR 1.5N	ITR 1.5N/3AN	ITR 1.5N/4AN
		<b>left</b>								
ZDU 4		x <sup>1</sup>	x	x	x <sup>1</sup>	x	x	x	x <sup>2</sup>	x
ZDU 4 / 3 AN		x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>2</sup>	x <sup>1</sup>
ZDU 4 / 4 AN		x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x	x <sup>1</sup>	x <sup>2</sup>	x <sup>1</sup>
ZDU 6		x <sup>1</sup>	x	x	x	x	x	x	x <sup>2</sup>	x
ZDU 6 / 3 AN		x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>2</sup>	x <sup>1</sup>
ZEI 16		x	x	x	x	x	x	x	x <sup>2</sup>	x
<b>left</b>										
Supply terminals	Output terminals	IDU 1.5N	IDU 1.5N/3AN	IDU 1.5N/4AN	IDU 2.5N	IDU 2.5N/3AN	IDU 2.5N/4AN	ITR 1.5N	ITR 1.5N/3AN	ITR 1.5N/4AN
		<b>right</b>								
ZDU 4		x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>2</sup>	x <sup>1</sup>
ZDU 4 / 3 AN		x	x <sup>1</sup>	x <sup>1</sup>	x	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>2</sup>	x <sup>1</sup>
ZDU 4 / 4 AN		x	x	x	x	x	x <sup>1</sup>	x	x <sup>2</sup>	x
ZDU 6		x	x <sup>1</sup>	x <sup>1</sup>	x	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>2</sup>	x <sup>1</sup>
ZDU 6 / 3 AN		x	x <sup>1</sup>	x <sup>1</sup>	x	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>2</sup>	x <sup>1</sup>
ZEI 16		x	x <sup>1</sup>	x <sup>1</sup>	x	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>2</sup>	x <sup>1</sup>

x<sup>1</sup> with IEPL, x<sup>2</sup> with QVAR

## Ordering data

Type	Colour	Qty.	Order No.
ZEI 16	dark beige	20	1745350000
ZEI 16 BL	blue	20	1766240000
IEPL	dark beige	20	1859570000
QVAR1	dark beige	20	1836370000

 Maximum possible current I<sub>max</sub>

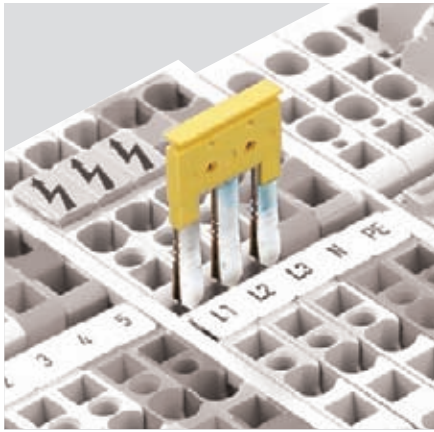
Output terminals	Cross-connection	Supply conductor cross-sectional area	Supply left or right	Supply middle
IDU 1.5N	ZQV 2.5	25 mm <sup>2</sup>	62 A	95 A
IDU 2.5N	ZQV 4	25 mm <sup>2</sup>	82 A	101 A





## Accessories – Electrical distribution

### Plug-in cross-connection ZQV



The time-saving, easy-to-use cross-connection combs for terminals, featuring tension clamp technology.

- **ZQV 2.5** as 2- to 10-pole combs and ZQV2.5/20 – continuous (20-pole)
- **ZQV 4** as 2- to 10-pole combs and ZQV4/20 – continuous (20-pole)

These versions come with complete shock protection. However, please note that the rated voltage is reduced to 400 V when using cross-connections.

This does not apply to terminals with a rated voltage below 500 V. Here the rated voltage of the used terminal is mandatory (e.g. terminal types ITR 1.5N and ITR 2.5N).

### Breaking out contact elements

Breaking out one or more (max. 60 %) contact elements from cross-connections enables certain terminals to be bypassed to suit the application.

### Fitting and changing cross-connection

The fitting and changing of cross-connections is a trouble-free and fast operation:

- Insert the cross-connection into the cross-conn. channel in the terminal...

... and press it fully home.  
(The cross-connection may not project from the channel.)

- Remove a cross-connection by simply prising it out with a screwdriver.

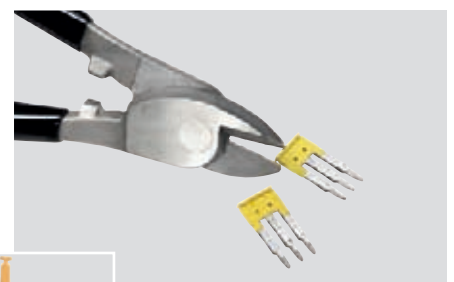
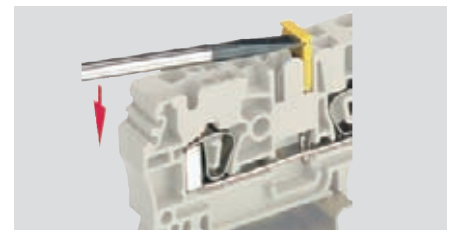
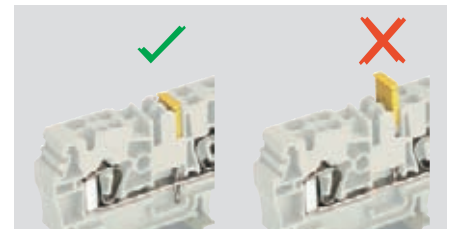
### Shortening cross-connections

Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order no. 900217). However, three contact elements must always be retained.

#### Caution:

Contact elements must not be deformed!

If a cross-connection is shortened, end plates or partition plates (ZAP/TW) must be used to maintain the rated voltage of 250 V (fitted to the bare cut edges of the cross-connection).



### Pluggable ZQV

The ZQV 2.5/20 cross-connector allows you to easily and separately connect up to 20 terminals with each other. The electrician can cut off the required amount of contact elements from the continuous 20-pole cross-connection comb.

### ZQV 2.5



### ZQV 4



Technical data	
current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	

24 / 24			
Type	Qty	Order No.	
ZQV 2.5/2	60	1608860000	
ZQV 2.5/3	60	1608870000	
ZQV 2.5/4	60	1608880000	
ZQV 2.5/5	20	1608890000	
ZQV 2.5/6	20	1608900000	
ZQV 2.5/7	20	1608910000	
ZQV 2.5/8	20	1608920000	
ZQV 2.5/9	20	1608930000	
ZQV 2.5/10	20	1608940000	
ZQV 2.5/20	20	1908960000	
For terminal:			
IDU 1.5N ...			
IDK 1.5N ...			
ITR 1.5N ...			
ITR 1.5N/SI ...			
IT 1.5N/4 AN/2			
IAK 1.5N 3L			
IHK 1.5N 3L			
IHK 1.5N 4L			
IHK 1.5N 4L PA			

32 / 32			
Type	Qty	Order No.	
ZQV 4/2 GE	60	1608950000	
ZQV 4/3 GE	60	1608960000	
ZQV 4/4 GE	60	1608970000	
ZQV 4/5 GE	20	1608980000	
ZQV 4/6 GE	20	1608990000	
ZQV 4/7 GE	20	1609000000	
ZQV 4/8 GE	20	1609010000	
ZQV 4/9 GE	20	1609020000	
ZQV 4/10 GE	20	1609030000	
ZQV 4/20 GE	20	1909010000	
For terminal:			
IDU 2.5 ...			
ITR 2.5N ...			
ITR 2.5N/SI ...			

### Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections.

The reducing sleeve centres the conductor in the middle of the IDC2 contact.

### IRH

#### Reducing sleeves



Technical data	
Product type	
Ordering data	
For IDU 1,5 terminal	
For IDU 2,5N terminal	

Reducing sleeve			
Type	Qty	Order No.	
IRH 1.5	100	1804510000	
IRH 2.5	100	1848230000	
For terminal:			

## Accessories - Testing / checking

## Test adapter

The clip-on test adapter ITA is used as a single thin element and as a test adapter strip for measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm<sup>2</sup> to 1.0 mm<sup>2</sup> can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Flexible with ferrule	mm <sup>2</sup>
Ordering data	
	1-pole
	With snap-in pegs

## ITA 1



Width / Length / Height	mm	5.1 / 27 / 76.00
Stripping length	mm	6
Rated data		
Rated voltage	V	500
Rated current	A	12
Rated cross-section	mm <sup>2</sup>	1
Clamped conductors (H05V/H07V)		
solid / stranded	mm <sup>2</sup>	0.5...1
flexible / Flexible with ferrule	mm <sup>2</sup>	0.5...1
Ordering data		
Type	Qty	Order No.
ITA 1	25	1803800000
ITA 1/ZA	25	1803810000
For terminal:		
IDU 1.5N ...		
IDK 1.5N ...		
ITR 1.5N ...		
ITR 1.5N/SI ...		
IT 1.5N/4 AN/2		

## ITA 2



Width / Length / Height	mm	6.1 / / 76.00
Stripping length	mm	6
Rated data		
Rated voltage	V	500
Rated current	A	12
Rated cross-section	mm <sup>2</sup>	1
Clamped conductors (H05V/H07V)		
solid / stranded	mm <sup>2</sup>	0.5...1
flexible / Flexible with ferrule	mm <sup>2</sup>	0.5...1
Ordering data		
Type	Qty	Order No.
ITA 2	25	1821210000
ITA 2/ZA	25	1821220000
For terminal:		
IDU 2.5 ...		
ITR 2.5N ...		
ITR 2.5N/SI		

## Test plug

A test point for the PS 2.3 test plug is designed into some of the I-Series terminals. Quick measurements can be made by inserting the test plug into the opening provided.

In contrast to the test adapter, the test plug does not snap on to the terminal.

Technical data	
Product type	
Ordering data	
	Test plug

## PS 2.3 RT

## Plug diameter 2.3 mm

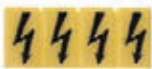


Product type	Test plug	
Ordering data		
Type	Qty	Order No.
PS 2.3 RT	20	0180400000
For terminal:		
ITR 1.5N		
ITR 1.5N/3AN		
ITR 2.5N		

### Cover

The VDE standards call for power connection terminals to be covered. For this purpose, Weidmüller can supply yellow warning covers printed with the „lightning flash“ symbol. The cover is clipped into the screwdriver slit in the terminal and each one covers a group of four terminals.

### IAD 1/4



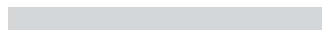
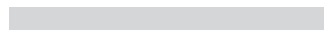
### IAD 2/4



Technical data	
Product type	
Ordering data	
With lightning flash	
blank	

Connector markers			
Type	Qty	Order No.	
IAD 1/4 GE MIT BLITZ	20	1805500000	
IAD 1/4 GE Neutral	20	1818420000	
For terminal:			
IDU 1.5N ...		IT 1.5N/4 AN/2	
IDK 1.5N ...		IAK 1.5N 3L	
ITR 1.5N ...		IIK 1.5N 3L	
ITR 1.5N/SI ...		IIK 1.5N 4L	
		IIK 1.5N 4L PA	

Connector markers			
Type	Qty	Order No.	
IAD 2/4 GE MIT BLITZ	20	1828420000	
IAD 2/4 GE NEUTRAL	20	1828430000	
For terminal:			
IDU 2.5N ...			
ITR 2.5N ...			
ITR 2.5N/SI ...			



### labeling

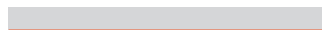
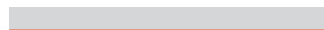
SnapMark - This tag holder was specially developed for the double-tier IDK 1.5N terminals of the I-Series. The flexible pivot mechanism allows cross-connections to be easily installed or removed. It can be fitted with four DEK 5 labelling tags or two WS 10/5 Middle connector markers.

### Snap Mark



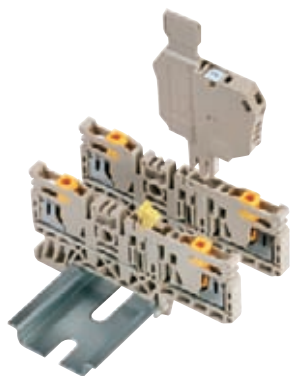
Technical data	
Material	
UL 94 flammability rating	
Temperature range	
Material colour	
L x W	
Ordering data	
blank	

Polyamide 66		
V2		
-40 °C...100 °C		
white		
23 x 5 mm		
Type	Qty	Order No.
Snap Mark I	50	1805880000
For terminal:		



Accessories – Special functions

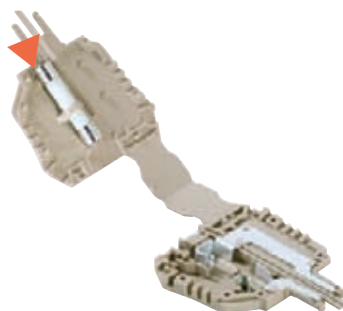
SIHA fuse holder



1. Open fuse holder with fingers or screwdriver.



2. Press out old fuse.



3. Position new fuse.



4. Press fuse holder together again.

For 5 x 20 G-fuse cartridges

The SIHA fuse holder converts a simple terminal into a fuse terminal in next to no time.

Simply remove the disconnect lever and insert the fuse plug.

- Simple handling without tools
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)

- Even fits on 5 mm wide terminals when fitted in offset arrangement



- Marking position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20



SIHA 3



	Qty.	Order No.
without LED		
<b>SIHA3/G20</b>		
400 V	1	7921560000
with LED (red)		
<b>SIHA3/G20</b>		
10 - 36 V	1	7921570000
35 - 70 V	1	7921580000
60 - 150 V	1	7921590000
140 - 250 V	1	7921600000
<b>For test-disconnect terminals versions</b>		
ITR 1.5 N		
ITR 1.5 N / 3 AN		
ITR 2.5 N		

SIHA STRAP




	Qty.	Order No.
with strap		
<b>SIHA STRAP</b>		
	20	9537680000

- Connector for retro-fit assembly
- Receptacle in the terminal is the marking position
  - Integrated marking position on the strap
  - Slots into fuse holder either on the left or on the right

## Cartridge fuses and gauge pieces for Weidmüller fuse terminals and SIHA 3 fuse holder

### Cartridge fuses

For terminal type
ITR 1.5N/SI
ITR 1.5N/3AN/SI
ITR 2.5N/SI



### Technical data / Ordering data

G-type cartridge fuses 5 x 20 without indicators to IEC 60127-2 (VDE 0820 pt 2)					
Size (mm)	Nom. voltage (V)	Nom. current (A)	Type	Qty.	Order No.
5 x 20 breaking capacity 1500 A (at 250 V, 50 Hz, cos : 0.7)		0.1	(F) G 20/0.10A/F	10	0430300000
		0.2	(F) G 20/0.20A/F	10	0430400000
		0.25	(F) G 20/0.25A/F	10	0430500000
		0.5	(F) G 20/0.50A/F	10	0430600000
		0.63	(F) G 20/0.63A/F	10	0439000000
		1.0	(F) G 20/1.00A/F	10	0430700000
		1.6	(F) G 20/1.60A/F	10	0430800000
		2.0	(F) G 20/2.00A/F	10	0430900000
		2.5	(F) G 20/2.50A/F	10	0431000000
		3.15	(F) G 20/3.15A/F	10	0431100000
		4.0	(F) G 20/4.00A/F	10	0431200000
		5.0	(F) G 20/5.00A/F	10	0431300000
		6.3	(F) G 20/6.30A/F	10	0431400000

(M) = medium-blow (F) = fast-blow

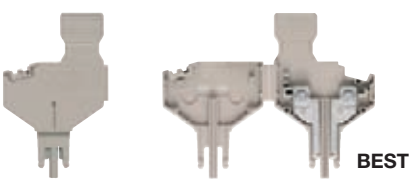
### Component/isolating plugs

The Weidmüller philosophy is to realise a multitude of applications with just a few parts. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the "disconnecting products" of the W-, Z-, I- and P-Series.

### Component plug (up to 250 V)

can be reversed
-----------------




### Ordering data

Type	Fitted with...	Qty.	Order No.
BEST	without	25	1833100000
BEST/DRBR	wire jumper	25	1878570000
BEST/D	with diode 1N4007	25	1878560000

**For terminal type**

ITR 1.5 o.TNHE
ITR 2.5 o.TNHE

### Isolating plug

Isolating plug


### Ordering data

Type	Colour	Qty.	Order No.
TNST	yellow Wemid	25	1833090000

**For terminal type**

ITR 1.5 o.TNHE
ITR 2.5 o.TNHE

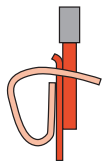




# Terminals, Z-Series

<b>Terminals, Z-Series</b>	Overview Z-Series	D.2
	Feed-through terminals	D.4
	Modular PE terminals	D.22
	Double/Multi level terminals	D.38
	Test-disconnect terminals	D.52
	Fuse terminals	D.56
	Installation terminals	D.60
	Overview WeiCoS	D.68
	Pluggable standard terminals WeiCoS	D.70
	Modular distribution assembly system / Initiator and actuator terminals	D.90
	Mini terminals	D.94
	Terminals with electronic components	D.102
	Test-disconnect terminals	D.110
	Accessories Z-Series	D.112

# Z-Series / Tension clamp connection technology



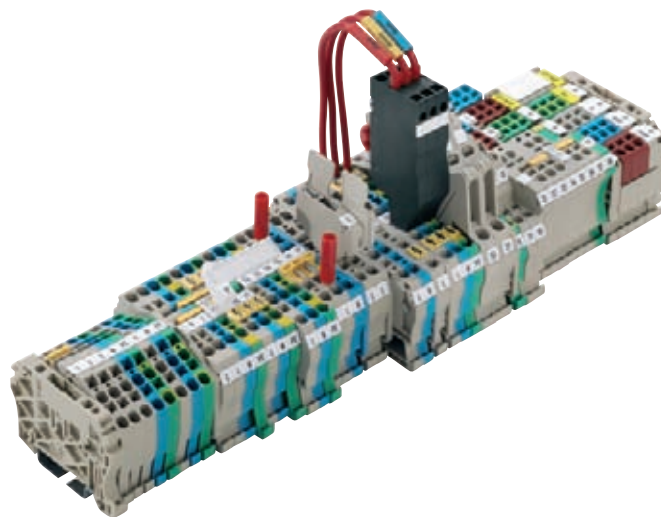
Modular terminals with tension clamp connections – the Z-Series – were specially designed to meet customers' requirements:

Compact size, generous marking surfaces, integral test point, cross-connection options within the Z-Series and to other Weidmüller modular terminals.

**D**

The Z-Series terminals have a wide clamping range and can accommodate one or two cross-connection channels.

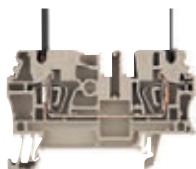
The plug-in standard cross-connections enable potentials to be distributed over any number of terminals.



## Versions

### Z-Standard

- Conductor cross-sections from 0.13 to 16 mm<sup>2</sup>
- Top-entry conductor insertion parallel with screwdriver operation



### Z-Roof

- Conductor cross-sections from 0.13 to 16 mm<sup>2</sup>
- Length reduced by up to 36 %
- Conductor and screwdriver inserted at an angle



## Product overview

Rated cross-section	1.5 mm <sup>2</sup>		2.5 mm <sup>2</sup>		4 mm <sup>2</sup>		6 mm <sup>2</sup>		10 mm <sup>2</sup>		16 mm <sup>2</sup>		35 mm <sup>2</sup>	
	Standard	Roof	Standard	Roof	Standard	Roof	Standard	Roof	Standard	Roof	Standard	Roof	Standard	Roof
<b>Feed-through terminals</b>														
2 connections	•		•	•	•	•	•	•	•		•	•		•
3 connections	•		•	•	•	•	•	•	•		•			
4 connections	•		•	•	•	•								
2 x 2 connections	•		•											
<b>PE terminals</b>														
2 connections	•		•	•	•	•	•	•	•		•	•		•
3 connections	•		•	•	•	•	•	•	•		•			
4 connections	•		•	•	•	•								
<b>Fuse terminals</b>			•	•					•					
<b>Disconnect test terminal blocks</b>			•	•				•						
<b>Power supply terminals</b>							•				•	•		
<b>Neutral conductor terminals</b>				•		•		•		•		•		•
<b>Two-tier terminals</b>	•		•	•		•		•						
<b>Three-conductor/distribution terminals</b>				•										
<b>Plug-in terminals</b>			•		•									
<b>Miniature block terminals</b>			•											
<b>Initiator / actuator terminals</b>			•											
<b>Terminals with electronic components</b>			•	•		•								

**1 The connection**

In accordance with the Weidmüller contact principle, the electrical and mechanical functions are also kept separate in the tension clamp connection system, thus ensuring galvanic isolation.

- Tension clamp made from high-quality stainless steel for optimum contact forces
- Copper current bar for minimum through resistance.



**2 Plug-in cross-connections**

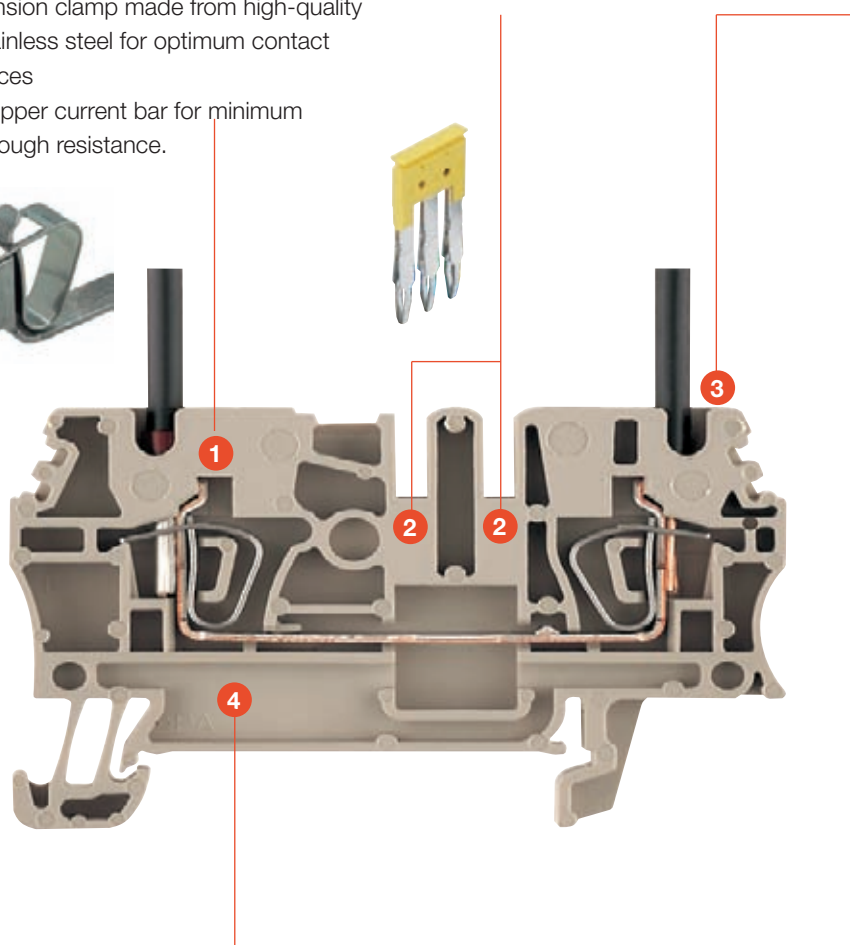
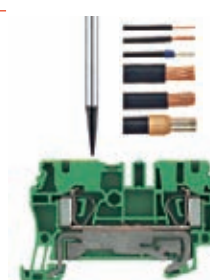
- 2- to 10-pole, or “continuous” for custom assemble.
- Full rated current
- Breakout poles for bypassing other connections.



**3 Easy to use**

Practical connection thanks to parallel insertion of conductor and screwdriver.

- TOP connection system
- No special tools required
- Integral test point.



**The Wemid insulating material**

- Non-tracking, CTI 600
- Thermally stable up to 120 °C
- V0 flammability class to UL 94
- Free from halogen and phosphor flame-retardant substances

**Clarity means reliability**

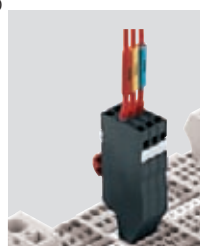
- Easy to use thanks to generous clamping space to IEC 60947-1
- Suitable for connecting conductors from 0.08 to 35 mm<sup>2</sup>
- For clamping one conductor per clamping point to IEC 60999

**4 Reliable contact**

- Maintenance-free connection for reliable contact throughout the lifetime of the terminal
- Gas-tight contact zone
- Surface of current bar treated to prevent oxidation
- Absolutely 100 % vibration-resistant.
- High contact forces

**Comprehensive accessories**

- Test adapter, test plug
- Can be used with standard and group markers
- End plates / partition plates
- Covers
- Reducing sleeves



**Standards and directives**

The reliable contact and dependability of the Weidmüller systems are verified by:

- Type tests to IEC 60947-7-1/-2/-3 standards
- Supplementary Weidmüller test regimes
- National and international approvals
- ATEX approval
- IECEx approved



## Feed-through terminals

### Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
<b>Note</b>	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
<b>Note</b>	

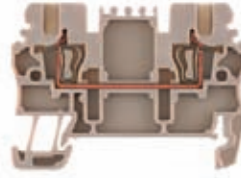
### Accessories

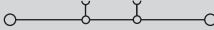
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	



### ZDU 1.5

1.5 mm<sup>2</sup>

#### Two connections



3.5 x 51.5 x 37	
<b>17.5 / 1.5</b>	
<b>0.05...1.5</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
500	300	300	550	500	300	300	550
17.5	15	20	15	17.5	15	20	15
1.5	AWG 30...14	AWG 26...14	1.5	1.5	AWG 30...14	AWG 26...14	1.5
				6 / 3			
				B1 / V-0			
				KEMA 01ATEX2106 U			
Rated connection							
0.5...1.5							
0.5...1.5 / 0.5...1.5							
10 / 0.4 x 2.0 mm							
<b>Note</b>							

Type	Qty	Order No.
ZDU 1.5	100	1775480000
ZDU 1.5 BL	100	1775490000
<b>Note</b>		

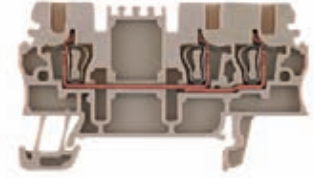
Type	current	Qty	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/3	17.5 A	60	1776130000
ZQV 1.5/4	17.5 A	60	1776140000
ZQV 1.5/10	17.5 A	20	1776200000
Width			
ZAP/TW ZDU1.5/2AN	2 mm	20	1776030000
ZAP/TW ZDU1.5/2AN BL	2 mm	20	1776040000
ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000
SD 0.4x2.0x60		1	9037160000
ZRH 1.5S/1		500	1781950000
ZRH 1.5S/2		500	1781960000
ZAD 7/4		20	1781940000
<b>Note</b>			

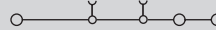
DEK 5/3,5 / WS 12/3,5
<b>Note</b>



### ZDU 1.5/3 AN

1.5 mm<sup>2</sup>

#### Three connections



3.5 x 63.5 x 37	
<b>17.5 / 1.5</b>	
<b>0.05...1.5</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
500	300	300	550	500	300	300	550
17.5	15	20	15	17.5	15	20	15
1.5	AWG 30...14	AWG 26...14	1.5	1.5	AWG 30...14	AWG 26...14	1.5
				6 / 3			
				B1 / V-0			
				KEMA 01ATEX2106 U			
Rated connection							
0.5...1.5							
0.5...1.5 / 0.5...1.5							
10 / 0.4 x 2.0 mm							
<b>Note</b>							

Type	Qty	Order No.
ZDU 1.5/3AN	100	1775530000
ZDU 1.5/3AN BL	100	1775540000
<b>Note</b>		

Type	current	Qty	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/3	17.5 A	60	1776130000
ZQV 1.5/4	17.5 A	60	1776140000
ZQV 1.5/10	17.5 A	20	1776200000
Width			
ZAP/TW ZDU1.5/3AN	2 mm	20	1776060000
ZAP/TW ZDU1.5/3AN BL	2 mm	20	1776070000
ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000
SD 0.4x2.0x60		1	9037160000
ZRH 1.5S/1		500	1781950000
ZRH 1.5S/2		500	1781960000
ZAD 7/4		20	1781940000
<b>Note</b>			

DEK 5/3,5 / WS 12/3,5
<b>Note</b>



## Feed-through terminals

### Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

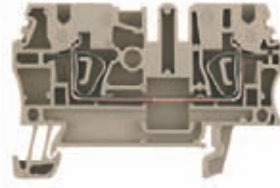
### Accessories

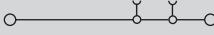
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	



### ZDU 2.5

2.5 mm<sup>2</sup>

#### Two connections



5.1 x 59.5 x 39.5	
<b>31 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
24	25	27	21	24	25	27	21
2.5	AWG 30...12	AWG 26...12	2.5	2.5	AWG 30...12	AWG 26...12	2.5
				8 / 3			
				A3 / V-0			
				KEMA 97ATEX2521 U			
Rated connection							
0.5...4							
0.5...4 / 0.5...2.5							
10 / 0.6 x 3.5 mm							
Note							

Type	Qty	Order No.
ZDU 2.5	100	<b>1608510000</b>
ZDU 2.5 BL	100	<b>1608520000</b>
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
ZAP/TW 1	2 mm	50	<b>1608740000</b>
ZAP/TW 1 BL	2 mm	50	<b>1608750000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 1	5.1 mm	25	<b>1609040000</b>
ZTA 1/ZA	5.1 mm	25	<b>1609050000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 2.5/1 WS		1000	<b>1614300000</b>
ZRH 2.5/2 GR/V0		1000	<b>1614290000</b>
ZAD 1/4		20	<b>1609110000</b>

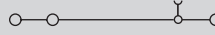
Type	Qty	Order No.
DEK 5/5 / WS 10/5		



### ZDU 2.5/3AN

2.5 mm<sup>2</sup>

#### Three connections



5.1 x 64.5 x 39.5	
<b>31 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
24	25	27	21	24	25	27	21
2.5	AWG 30...12	AWG 26...12	2.5	2.5	AWG 30...12	AWG 26...12	2.5
				8 / 3			
				A3 / V-0			
				KEMA 97ATEX2521 U			
Rated connection							
0.5...4							
0.5...4 / 0.5...2.5							
10 / 0.6 x 3.5 mm							
Note							

Type	Qty	Order No.
ZDU 2.5/3AN	100	<b>1608540000</b>
ZDU 2.5/3AN BL	100	<b>1608550000</b>
The rated voltage is reduced to 400 V when using the cross-connection.		

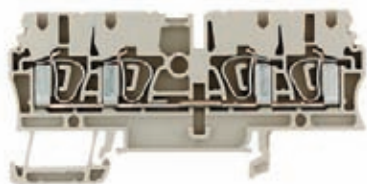
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
ZAP/TW 2 DB	2 mm	50	<b>1608770000</b>
ZAP/TW 2 BL	2 mm	50	<b>1608780000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 1	5.1 mm	25	<b>1609040000</b>
ZTA 1/ZA	5.1 mm	25	<b>1609050000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 2.5/1 WS		1000	<b>1614300000</b>
ZRH 2.5/2 GR/V0		1000	<b>1614290000</b>
ZAD 1/4		20	<b>1609110000</b>

Type	Qty	Order No.
DEK 5/5 / WS 10/5		

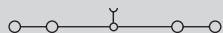
**ZDU 2.5/4AN**

2.5 mm<sup>2</sup>

Four connections



5.1 x 79.5 x 39.5  
27 / 4  
0.05...4



IEC 60947-7-1 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	25	27	21
2.5	AWG 30...12	AWG 26...12	2.5
8 / 3			
A3 / V-0			

KEMA 97ATEX2521 U

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZDU 2.5/4AN	100	1608570000
ZDU 2.5/4AN BL	100	1608580000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW 3	2 mm	50	1608800000
ZAP/TW 3 BL	2 mm	50	1608810000
ZEW 35	6 mm	20	9540000000
ZTA 1	5.1 mm	25	1609040000
ZTA 1/ZA	5.1 mm	25	1609050000
SD 0.6x3.5x100		1	9008330000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000
ZAD 1/4		20	1609110000

DEK 5/5 / WS 10/5

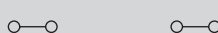
**ZDU 2.5/2x2AN**

2.5 mm<sup>2</sup>

Two potentials feasible



5.1 x 79.5 x 39.5  
30 / 4  
0.05...4



IEC 60947-7-1 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
24	25	27	21
2.5	AWG 30...12	AWG 26...12	2.5
8 / 3			
A3 / V-0			

KEMA 97ATEX2521 U

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZDU 2.5/2X2AN	100	1608600000
ZDU 2.5/2X2AN BL	100	1608610000

Type	Qty	Order No.	
ZAP/TW 3	2 mm	50	1608800000
ZAP/TW 3 BL	2 mm	50	1608810000
ZEW 35	6 mm	20	9540000000
ZTA 1	5.1 mm	25	1609040000
ZTA 1/ZA	5.1 mm	25	1609050000
SD 0.6x3.5x100		1	9008330000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000
ZAD 1/4		20	1609110000

DEK 5/5 / WS 10/5



## Feed-through terminals

### Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
<b>Note</b>	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
<b>Note</b>	

### Accessories

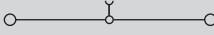
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	



### ZDU 4

4 mm<sup>2</sup>

#### Two connections



6.1 x 62 x 43.5	
<b>41 / 6</b>	
<b>0.13...6</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
32	33	35	28	32	33	35	28
4	AWG 26...10	AWG 26...10	4	4	AWG 26...10	AWG 26...10	4
				8 / 3			
				A4 / V-0			
				KEMA 97ATEX2521 U			
Rated connection							
0.5...6 / 0.5...6							
0.5...6 / 0.5...4							
12 / 0.6 x 3.5 mm							
When using twin ferrules, the rated voltage is 690 V.							

Type	Qty	Order No.
ZDU 4	100	1632050000
ZDU 4 BL	100	1632060000

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP/TW 4	2 mm	50	1632090000
ZAP/TW 4 BL	2 mm	50	1632100000
ZEW 35	6 mm	20	9540000000
ZTA 2 ZDU4	6.1 mm	25	1609060000
ZTA 2/ZA ZDU4	6.1 mm	25	1609070000
SD 0.6x3.5x100		1	9008330000
ZRH 4/1 WS		1000	1636640000
ZRH 4/2		1000	1636650000
ZAD 2/4		20	1609080000

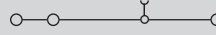
DEK 5/6 / WS 10/6
-------------------



### ZDU 4/3 AN

4 mm<sup>2</sup>

#### Three connections



6.1 x 83.5 x 43.5	
<b>41 / 6</b>	
<b>0.13...6</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
32	33	35	28	32	33	35	28
4	AWG 26...10	AWG 26...10	4	4	AWG 26...10	AWG 26...10	4
				8 / 3			
				A4 / V-0			
				KEMA 00ATEX2107 U			
Rated connection							
0.5...6 / 0.5...6							
0.5...6 / 0.5...4							
12 / 0.6 x 3.5 mm							
When using twin ferrules, the rated voltage is 690 V.							

Type	Qty	Order No.
ZDU 4/3AN	50	7904180000
ZDU 4/3AN BL	50	7904190000

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP/TW 4/3AN	2 mm	20	7904100000
ZAP/TW 4/3AN BL	2 mm	20	7904110000
ZEW 35	6 mm	20	9540000000
ZTA 2 ZDU4	6.1 mm	25	1609060000
ZTA 2/ZA ZDU4	6.1 mm	25	1609070000
SD 0.6x3.5x100		1	9008330000
ZRH 4/1 WS		1000	1636640000
ZRH 4/2		1000	1636650000
ZAD 2/4		20	1609080000

DEK 5/6 / WS 12/6
-------------------

**ZDU 4/4 AN**

4 mm<sup>2</sup>

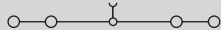
Four connections



6.1 x 104.5 x 43.5

41 / 6

0.13...6



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	33	35	28
4	AWG 26...10	AWG 26...10	4
8 / 3			
A4 / V-0			

KEMA 00ATEX2107 U

**Rated connection**

0.5...6 / 0.5...6

0.5...6 / 0.5...4

12 / 0.6 x 3.5 mm

When using twin ferrules, the rated voltage is 690 V.

Type	Qty	Order No.
ZDU 4/4AN	50	7904290000
ZDU 4/4AN BL	50	7904300000

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
<b>Width</b>			
ZAP/TW4/4AN	2 mm	20	7904210000
ZAP/TW4/4AN BL	2 mm	20	7904220000
<b>Width</b>			
ZEW 35	6 mm	20	9540000000
ZTA 2 ZDU4	6.1 mm	25	1609060000
ZTA 2/ZA ZDU4	6.1 mm	25	1609070000
<b>Width</b>			
SD 0.6x3.5x100		1	9008330000
ZRH 4/1 WS		1000	1636640000
ZRH 4/2		1000	1636650000
<b>Width</b>			
ZAD 2/4		20	1609080000

DEK 5/6 / WS 12/6

**ZDU 6**

6 mm<sup>2</sup>

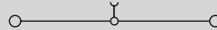
Two connections



8.1 x 65 x 45.6

57 / 10

0.22...10



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	50	50	36
6	AWG 22...8	AWG 20...8	6
8 / 3			
A5 / V-0			

KEMA 97ATEX2521 U

**Rated connection**

0.5...10

0.5...10 / 0.5...6

13 / 1.0 x 5.5 mm

Twin wire-end ferrules ZH 0.5 - ZH 2.5 can be used.

Type	Qty	Order No.
ZDU 6	50	1608620000
ZDU 6 BL	50	1608630000

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
<b>Width</b>			
ZQV 6/24 GE	41 A	10	1908990000
<b>Width</b>			
ZAP/TW 5	2 mm	50	1608830000
ZAP/TW 5 BL	2 mm	50	1608840000
<b>Width</b>			
ZEW 35	6 mm	20	9540000000
ZTA 3 ZDU6	8.1 mm	25	1654050000
<b>Width</b>			
SD 1.0x5.5x150		1	9008350000
<b>Width</b>			
ZAD 3/4		20	1609120000

DEK 5/8 / WS 12/6

**ZDU 6/3 AN**

6 mm<sup>2</sup>

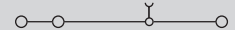
Three connections



8.1 x 90 x 45.6

57 / 10

0.22...10



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	50	50	36
6	AWG 22...8	AWG 20...8	6
8 / 3			
A5 / V-0			

KEMA 00ATEX2107 U

**Rated connection**

0.5...10

0.5...10 / 0.5...6

13 / 1.0 x 5.5 mm

Twin wire-end ferrules ZH 0.5 - ZH 2.5 can be used.

Type	Qty	Order No.
ZDU 6/3AN	50	7907410000
ZDU 6/3AN BL	50	7907420000

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
<b>Width</b>			
ZQV 6/24 GE	41 A	10	1908990000
<b>Width</b>			
ZAP/TW6/3AN	2 mm	20	7907370000
ZAP/TW6/3AN BL	2 mm	20	7907380000
<b>Width</b>			
ZEW 35	6 mm	20	9540000000
ZTA 3 ZDU6	8.1 mm	25	1654050000
<b>Width</b>			
SD 1.0x5.5x150		1	9008350000
<b>Width</b>			
ZAD 3/4		20	1609120000

DEK 5/8 / WS 12/6

## Feed-through terminals

### Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### ZDU 10

10 mm<sup>2</sup>

#### Two connections



10.1 x 73.5 x 50.5	
<b>72 / 16</b>	
<b>1.31...16</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
1000	600	600	550	800	600	600	550
57	60	55	50	57	60	55	50
10	AWG 16...6	AWG 16...6	10	10	AWG 16...6	AWG 16...6	10
				8 / 3			
				A6 / V-0			
				KEMA 99ATEX5514 U			
Rated connection							
1.5...16 / 1.5...16							
1.5...10 / 1.5...10							
18 / 1.0 x 5.5 mm							
Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10.							
Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10.							

Type	Qty	Order No.
ZDU 10	25	<b>1746750000</b>
ZDU 10 BL	25	<b>1746760000</b>

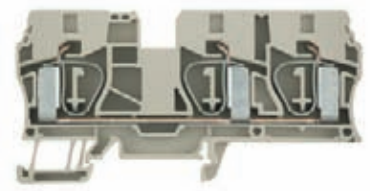
Type	current	Qty	Order No.
ZQV 10/2	17.5 A	25	<b>1739680000</b>
Width			
ZAP/TW ZDU10	2.7 mm	20	<b>1748660000</b>
ZAP/TW ZDU10 BL	2.7 mm	20	<b>1764110000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>
ZAD 4/5		20	<b>1746730000</b>

DEK 5/5 / WS 12/5
-------------------

### ZDU 10/3AN

10 mm<sup>2</sup>

#### Three connections



10.1 x 99 x 50.5	
<b>57 / 16</b>	
<b>1.31...16</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
57	60	55	50	57	60	55	50
10	AWG 16...6	AWG 16...6	10	10	AWG 16...6	AWG 16...6	10
				8 / 3			
				A6 / V-0			
				KEMA 00ATEX2107 U			
Rated connection							
1.5...16 / 1.5...16							
1.5...10 / 1.5...10							
18 / 1.0 x 5.5 mm							
Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10.							
Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10.							

Type	Qty	Order No.
ZDU 10/3AN	20	<b>1767690000</b>
ZDU 10/3AN BL	20	<b>1767700000</b>

Type	current	Qty	Order No.
ZQV 10/2	17.5 A	25	<b>1739680000</b>
Width			
ZAP/TW 10/16	3 mm	20	<b>1749580000</b>
ZAP/TW 10/16 BL	3 mm	20	<b>1768520000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>
ZAD 4/5		20	<b>1746730000</b>

DEK 5/5 / WS 12/5
-------------------

**ZDU 16**

16 mm<sup>2</sup>

Two connections



12.1 x 82.5 x 51.5  
**98 / 25**  
**1.5...25**



IEC 60947-7-1 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	550
76	65	65	66
16	AWG 14...4	AWG 14...4	16
8 / 3			
A7 / V-0			

**Rated connection**

- 1.5...16 / 1.5...25
- 1.5...16 / 1.5...16
- 18 / 1.0 x 5.5 mm

Cross-connection of ZDU 16 and ZDU 35 is possible using the ZQV 35-16.  
 Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10.

Type	Qty	Order No.
ZDU 16	25	<b>1745230000</b>
ZDU 16 BL	25	<b>1745240000</b>

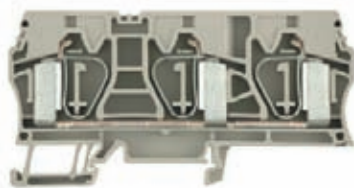
Type	current	Qty	Order No.
ZQV 16/2	76 A	25	<b>1739690000</b>
<b>Width</b>			
ZAP/TW ZDU16	3 mm	20	<b>1745150000</b>
ZAP/TW ZDU16 BL	3 mm	20	<b>1764100000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
<b>Width</b>			
SD 1.0x5.5x150		1	<b>9008350000</b>
ZAD 5/5		20	<b>1745210000</b>

DEK 5/5 / WS 15/5

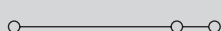
**ZDU 16/3 AN**

16 mm<sup>2</sup>

Three connections



12.1 x 99 x 51.5  
**76 / 25**  
**1.5...25**



IEC 60947-7-1 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
76	65	65	66
16	AWG 14...4	AWG 14...4	16
8 / 3			
A7 / V-0			

**Rated connection**

- 1.5...16 / 1.5...25
- 1.5...16 / 1.5...16
- 18 / 1.0 x 5.5 mm

Type	Qty	Order No.
ZDU 16/3AN	20	<b>1768320000</b>
ZDU 16/3AN BL	20	<b>1768330000</b>

Type	Qty	Order No.
<b>Width</b>		
ZAP/TW 10/16	3 mm	20
ZAP/TW 10/16 BL	3 mm	20
ZEW 35	6 mm	20
<b>Width</b>		
SD 1.0x5.5x150		1
ZAD 5/5		20

DEK 5/5 / WS 15/5

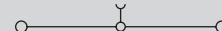
**ZEI 16**

16 mm<sup>2</sup>

Supply terminal



15 x 82.5 x 51.5  
**76 / 25**  
**1.5...25**



IEC 60947-7-1

IEC	UL	CSA
500	600	600
76	65	65
16	AWG 14...4	AWG 14...4
8 / 3		
A7 / V-0		

**Rated connection**

- 1.5...16 / 1.5...25
- 1.5...16 / 1.5...16
- 18 / 1.0 x 5.5 mm

Type	Qty	Order No.
ZEI 16	20	<b>1745350000</b>
ZEI 16 BL	20	<b>1766240000</b>

End plate is integrated.

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 4/3 GE	32 A	60	<b>1608960000</b>
ZQV 6/4 GE	41 A	60	<b>1627870000</b>
<b>Width</b>			
ZEW 35	6 mm	20	<b>9540000000</b>
<b>Width</b>			
SD 1.0x5.5x150		1	<b>9008350000</b>
ZAD 5/5		20	<b>1745210000</b>

DEK 5/5 / WS 15/5

## Feed-through terminals

### Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

#### Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

#### Clamped conductors (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-

#### Note

### Ordering data

#### Version

Dark beige Wemid
Blue Wemid

#### Note

### Accessories

#### Pluggable cross-connection



2-pole
3-pole
4-pole
10-pole
20-/24-pole

#### End plate / partition

Dark beige Wemid
Blue Wemid

#### End bracket

Dark beige Wemid
------------------

#### Test adapter

Standard
With assembly peg

#### Screwdriver

Standard
----------

#### Reducing sleeves

For conductors < 0,5 mm <sup>2</sup> / AWG 20
For conductors < 1,0 mm <sup>2</sup> / AWG 18

#### Cover



With lightning flash symbol
-----------------------------

#### Marking systems

(see assortment in catalogue 7)

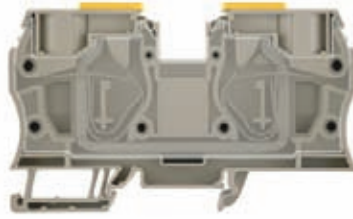
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

## ZDU 35

35 mm<sup>2</sup>

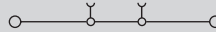
### Two connections



16 x 100.5 x 59

125 / 35

2.5...35



IEC 60947-7-1

Ex e ll



II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
125	120	120	109
35	AWG 12...2	AWG 12...2	35
8 / 3			
AB / V-0			

CE

UL

KEMA 00ATEX2107 U

#### Rated connection

2.5...16 / 2.5...35

2.5...35 / 2.5...35

25 / 1.0 x 5.5 mm

Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10.  
Cross-connection of ZDU 16 and ZDU 35 is possible using the ZQV 35-16.

Type	Qty	Order No.
ZDU 35	10	1739620000
ZDU 35 BL	10	1739630000
End plate is integrated.		

Type	current	Qty	Order No.
ZQV 35/2	105 A	10	1739700000
<b>Width</b>			
ZEW 35	6 mm	20	9540000000
<b>SD 1.0x5.5x150</b>			
SD 1.0x5.5x150			
1			
9008350000			
<b>ZAD 6/5</b>			
ZAD 6/5			
20			
1752620000			

DEK 5/5 / WS 15/5



## Feed-through terminals

### Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol

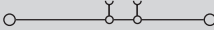
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	



### ZDU 2.5-2

2.5 mm<sup>2</sup>

#### Two connections



5.1 x 50.5 x 44	
<b>24 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
24	24	24	21	24	23	23	21
2.5	AWG 26...12	AWG 30...12	2.5	2.5	AWG 26...12	AWG 30...12	2.5
				8 / 3			
				A2 / V-0			
				KEMA 97ATEX4677 U			
Rated connection							
0.5...4							
0.5...2.5 / 0.5...2.5							
10 / 0.6 x 3.5 mm							
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.							

Type	Qty	Order No.
ZDU 2.5-2	100	1772060000
ZDU 2.5-2 BL	100	1772070000
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW7	2.5 mm	50	1706110000
ZAP/TW7 BL	2.5 mm	50	1706120000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
ZAD 1/4-2 GE		20	1764560000

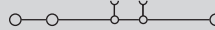
Marking systems	
	DEK 5 / WS 14/5
	The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).



### ZDU 2.5-2/3AN

2.5 mm<sup>2</sup>

#### Three connections



5.1 x 50.5 x 44	
<b>24 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
24	23	23	21	24	23	23	21
2.5	AWG 26...12	AWG 30...12	2.5	2.5	AWG 26...12	AWG 30...12	2.5
				8 / 3			
				A2 / V-0			
				KEMA 97ATEX4677 U			
Rated connection							
0.5...4							
0.5...2.5 / 0.5...2.5							
10 / 0.6 x 3.5 mm							
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.							

Type	Qty	Order No.
ZDU 2.5-2/3AN	100	1706010000
ZDU 2.5-2/3AN BL	100	1706040000
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW7	2.5 mm	50	1706110000
ZAP/TW7 BL	2.5 mm	50	1706120000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
ZAD 1/4-2 GE		20	1764560000

Marking systems	
	DEK 5 / WS 14/5
	The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).



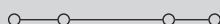
**ZDU 2.5-2/4AN**

**2.5 mm<sup>2</sup>**

Four connections



5.1 x 50.5 x 44  
**24 / 4**  
**0.13...4**



IEC 60947-7-1 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	23	23	21
2.5	AWG 26...12	AWG 30...12	2.5
8 / 3			
A2 / V-0			

KEMA 97ATEX4677 U

Rated connection
0.5...4
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDU 2.5-2/4AN	100	<b>1706060000</b>
ZDU 2.5-2/4AN BL	100	<b>1706070000</b>

When using the ZQB 2.5 the conductor cross-section is reduced to 1.5 mm<sup>2</sup>, solid and flexible.

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	<b>1677120000</b>
<b>Width</b>			
ZAP/TW7	2.5 mm	50	<b>1706110000</b>
ZAP/TW7 BL	2.5 mm	50	<b>1706120000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 4	5.1 mm	25	<b>1688110000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>
ZAD 1/4-2 GE		20	<b>1764560000</b>

DEK 5 / WS 14/5

The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).

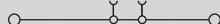
**ZDU 4-2**

**4 mm<sup>2</sup>**

Two connections



6.1 x 61.5 x 46  
**32 / 6**  
**0.13...6**



IEC 60947-7-1 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	33	35	28
4	AWG 26...10	AWG 26...10	4
8 / 3			
A3 / V-0			

KEMA 97ATEX4677 U

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZDU 4-2/2AN	100	<b>1770370000</b>
ZDU 4-2/2AN BL	100	<b>1770840000</b>

The rated voltage is reduced to 400 V when using the cross-connection.

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	<b>1608950000</b>
ZQV 4/3 GE	32 A	60	<b>1608960000</b>
ZQV 4/4 GE	32 A	60	<b>1608970000</b>
ZQV 4/10 GE	32 A	20	<b>1609030000</b>
ZQV 4/20 GE	32 A	20	<b>1909010000</b>
<b>Width</b>			
ZAP ZDU4-2	2 mm	50	<b>1770400000</b>
ZAP ZDU4-2 BL	2 mm	50	<b>1770880000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 6/ZA	6.1 mm	25	<b>1780660000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZAD 1/4		20	<b>1609110000</b>

DEK 5/6 / WS 12/6

The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).

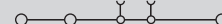
**ZDU 4-2/3AN**

**4 mm<sup>2</sup>**

Three connections



6.1 x 61.5 x 46  
**38 / 6**  
**0.13...6**



IEC 60947-7-1 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	33	35	28
4	AWG 26...10	AWG 26...10	4
8 / 3			
A3 / V-0			

KEMA 97ATEX4677 U

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZDU 4-2/3AN	100	<b>1770360000</b>
ZDU 4-2/3AN BL	100	<b>1770860000</b>

The rated voltage is reduced to 400 V when using the cross-connection.

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	<b>1608950000</b>
ZQV 4/3 GE	32 A	60	<b>1608960000</b>
ZQV 4/4 GE	32 A	60	<b>1608970000</b>
ZQV 4/10 GE	32 A	20	<b>1609030000</b>
ZQV 4/20 GE	32 A	20	<b>1909010000</b>
<b>Width</b>			
ZAP ZDU4-2	2 mm	50	<b>1770400000</b>
ZAP ZDU4-2 BL	2 mm	50	<b>1770880000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 6/ZA	6.1 mm	25	<b>1780660000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZAD 1/4		20	<b>1609110000</b>

WS 12/6

The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).

## Feed-through terminals

### Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### ZDU 4-2/3AN LSC

4 mm<sup>2</sup>

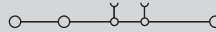
#### Three connections




6.1 x 61.5 x 46

38 / 6

0.13...6



IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7				
800	600	600	550				
32	33	35	28				
4	AWG 26...10	AWG 26...10	4				
				8 / 3			
				A3 / V-0			
				KEMA 97ATEX4677 U			
Rated connection							
0.5...6							
0.5...4 / 0.5...4							
10 / 0.6 x 3.5 mm							
The ZDU 4-2/3AN LSC version can be mounted on a 40mm Lütze frame.							

Type	Qty	Order No.
ZDU 4-2/3AN LSC	100	1790520000
Note		
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP ZDU4-2	2 mm	50	1770400000
ZAP ZDU4-2 BL	2 mm	50	1770880000
Width			
ZEW 35	6 mm	20	9540000000
Width			
ZTA 6/ZA	6.1 mm	25	1780660000
Width			
SD 0.6x3.5x100		1	9008330000
Width			
ZAD 1/4		20	1609110000

Type	current	Qty	Order No.
DEK 5/6 / WS 12/6			
The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).			

### ZDU 4-2/4AN

4 mm<sup>2</sup>

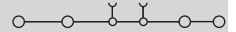
#### Four connections




6.1 x 75.1 x 46

32 / 6

0.13...6



IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7				
800	600	600	550				
32	33	33	28				
4	AWG 26...10	AWG 26...10	4				
				8 / 3			
				A3 / V-0			
				KEMA 97ATEX4677 U			
Rated connection							
0.5...6							
0.5...4 / 0.5...4							
10 / 0.6 x 3.5 mm							

Type	Qty	Order No.
ZDU 4-2/4AN	100	1806980000
ZDU 4-2/4AN BL	100	1806990000
Note		
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP ZDU4-2/4AN	2 mm	50	1807010000
ZAP ZDU4-2/4AN BL	2 mm	50	1807020000
Width			
ZEW 35	6 mm	20	9540000000
Width			
ZTA 6/ZA	6.1 mm	25	1780660000
Width			
SD 0.6x3.5x100		1	9008330000
Width			
ZAD 1/4		20	1609110000

Type	current	Qty	Order No.
DEK 5/6 / WS 12/6			

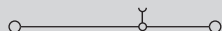
**ZDU 6-2/2AN**

6 mm<sup>2</sup>

Two connections



8.1 x 68 x 50  
41 / 10  
0.22...10



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	45	50	36
6	AWG 22...8	AWG 20...8	6
8 / 3			
A5 / V-0			

KEMA 97ATEX4677 U

Rated connection	
0.5...10	
0.5...10 / 0.5...6	
12 / 0.6 x 3.5 mm	

Type	Qty	Order No.
ZDU 6-2/2AN	50	1771380000
ZDU 6-2/2AN BL	50	1771390000

The rated voltage is reduced to 400 V when using the cross-connection.

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
Width			
ZAP ZDU6-2	2.5 mm	50	1771440000
Width			
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SD 0.8x4.0x100		1	9008340000

DEK 5/8

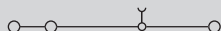
**ZDU 6-2/3AN**

6 mm<sup>2</sup>

Three connections



8.1 x 68 x 50  
41 / 10  
0.22...10



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	45	50	36
6	AWG 22...8	AWG 20...8	6
8 / 3			
A5 / V-0			

KEMA 97ATEX4677 U

Rated connection	
0.5...10	
0.5...10 / 0.5...6	
12 / 0.6 x 3.5 mm	

Type	Qty	Order No.
ZDU 6-2/3AN	50	1771410000
ZDU 6-2/3AN BL	50	1771420000

The rated voltage is reduced to 400 V when using the cross-connection.

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
Width			
ZAP ZDU6-2	2.5 mm	50	1771440000
Width			
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SD 0.8x4.0x100		1	9008340000

DEK 5/8

**ZEI 16-2 /1 AN**

16 mm<sup>2</sup>

Supply terminal



14 x 61.5 x 51.5  
76 / 25  
1.5...25



IEC 60947-7-1

IEC	UL	CSA
800	600	600
76	65	65
16	AWG 14...4	AWG 14...4
6 / 3		
A7 / V-0		

Rated connection	
1.5...10 25	
1.5...16 / 1.5...16	
18 / 1.0 x 5.5 mm	

Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

Type	Qty	Order No.
ZEI 16-2/1AN	20	1772940000
ZEI 16-2/1AN BL	20	1772950000

End plate is integrated.

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 6/4 GE	41 A	60	1627870000
Width			
ZAP/Z...16-2/1AN	2.5 mm	10	1772970000
Width			
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

DEK 8

The plug-in cross-connections ZQV 2.5/..., ZQV 4/... and ZQV 6/... can be used.

## Feed-through terminals

### Compact style

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

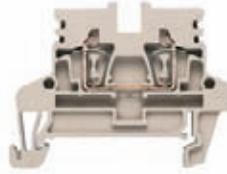
### Accessories



Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	


### ZDU 2.5N

2.5 mm<sup>2</sup>

2 connections



5.1 x 50.5 x 39		
<b>24 / 4</b>		
<b>0.05...4</b>		

IEC 60947-7-1 (-7-2)				
IEC	UL	CSA	EN 60079-7	
800	300	300	550	
24	20	20	20.5	
2.5	AWG 30...12	AWG 30...12	2.5	
			6 / 3	
			A2 / V0	
				
Rated connection				
0.5...4 / 1.5...2.5				
0.5...2.5 / 0.5...1.5				
10 / 0.6 x 3.5 mm				
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.				

Type	Qty	Order No.
ZDU 2.5N	50	1933700000
ZDU 2.5N BL	50	1933710000

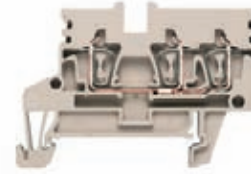
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDU/ZPE 2.5N	2 mm	20	1933790000
ZEW 35	6 mm	20	9540000000
ZTA ZT2.5			
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
SD 0.6x3.5x100			
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1			
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2			
ZRH 1.5H/2		1000	1678800000
ZAD 9/4			
ZAD 9/4		20	1934160000



Type	current	Qty	Order No.
DEK 5/5 / WS 10/5			
2.5 mm <sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).			


### ZDU 2.5N/3AN

2.5 mm<sup>2</sup>

3 connections



5.1 x 56.5 x 39			
<b>24 / 4</b>			
<b>0.05...4</b>			

IEC 60947-7-1 (-7-2)				
IEC	UL	CSA	EN 60079-7	
800	300	300	550	
24	20	20	20.5	
2.5	AWG 30...12	AWG 30...12	2.5	
			6 / 3	
			A2 / V0	
				
Rated connection				
0.5...4 / 1.5...2.5				
0.5...2.5 / 0.5...1.5				
10 / 0.6 x 3.5 mm				
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.				

Type	Qty	Order No.
ZDU 2.5N/3AN	50	1933720000
ZDU 2.5N/3AN BL	50	1933730000

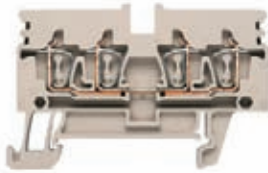
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDU/ZPE 2.5N	2 mm	20	1933790000
ZEW 35	6 mm	20	9540000000
ZTA ZT2.5			
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
SD 0.6x3.5x100			
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1			
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2			
ZRH 1.5H/2		1000	1678800000
ZAD 9/4			
ZAD 9/4		20	1934160000

Type	current	Qty	Order No.
DEK 5/5 / WS 10/5			
2.5 mm <sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).			

**ZDU 2.5N/4AN**

**2.5 mm<sup>2</sup>**

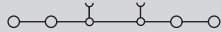
**4 connections**



5.1 x 60 x 39

**24 / 4**

**0.05...4**



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	20.5
2.5	AWG 30...12	AWG 30...12	2.5
6 / 3			
A2 / V0			



**Rated connection**

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDU 2.5N/4AN	50	<b>1933740000</b>
ZDU 2.5N/4AN BL	50	<b>1933750000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
<b>Width</b>			
ZAP/TW ZDU/ZPE 2.5N	2 mm	20	<b>1933790000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA ZT2.5	5.1 mm	25	<b>1827080000</b>
ZTA ZT2.5/ZA	5.1 mm	25	<b>1847600000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>
ZAD 9/4		20	<b>1934160000</b>

DEK 5/5 / WS 10/5

2.5 mm<sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

## Feed-through terminals

### Compact style

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

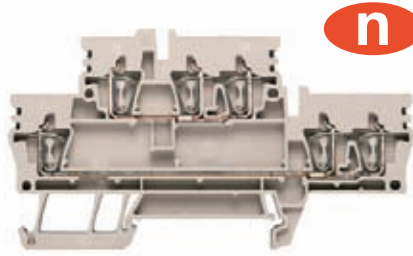
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol

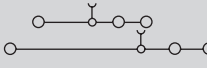
<b>Marking systems</b>	(see assortment in catalogue 7)
	Marking tags
<b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b>	

### ZDK 2.5/3AN

2.5 mm<sup>2</sup>

#### Double-level terminal



5.1 x 93 x 51.5	
<b>24 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	20.5
2.5	AWG 30...12	AWG 30...12	2.5
8 / 3			
A2 / V0			



Rated connection	
0.5...4 / 0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	

Type	Qty	Order No.
ZDK 2.5/3AN	50	<b>1924510000</b>
ZDK 2.5/3AN BL	50	<b>1924500000</b>
Terminal with diode ZDK 2.5/3AN D1, 1924440000 and ZDK 2.5/3AN D2, 1924450000		

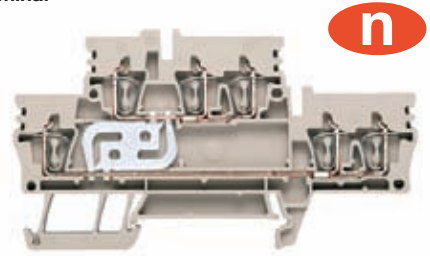
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
ZAP/TW ZDK 2.5/3AN	2 mm	20	<b>1924910000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
Width			
ZTA ZT2.5	5.1 mm	25	<b>1827080000</b>
ZTA ZT2.5/ZA	5.1 mm	25	<b>1847600000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>
ZAD 9/4		20	<b>1934160000</b>

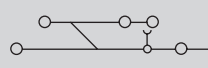
Snap Mark / DEK 5/5 / WS 10/5
2.5 mm <sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

### ZDK 2.5/3AN V

2.5 mm<sup>2</sup>

#### Vertical cross-connected double-level terminal



5.1 x 93 x 51.5	
<b>24 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	20.5
2.5	AWG 30...12	AWG 30...12	2.5
8 / 3			
A2 / V0			



Rated connection	
0.5...4 / 0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	

Type	Qty	Order No.
ZDK 2.5/3AN V	50	<b>1924490000</b>
ZDK 2.5/3AN V BL	50	<b>1924480000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
ZAP/TW ZDK 2.5/3AN	2 mm	20	<b>1924910000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
Width			
ZTA ZT2.5	5.1 mm	25	<b>1827080000</b>
ZTA ZT2.5/ZA	5.1 mm	25	<b>1847600000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>
ZAD 9/4		20	<b>1934160000</b>

Snap Mark / DEK 5/5 / WS 10/5
2.5 mm <sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).





## Modular PE terminals

### Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
<b>Note</b>	

### Ordering data

Version	
	green/yellow Wemid
<b>Note</b>	

### Accessories

End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

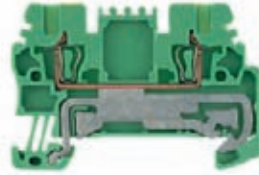
**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

### ZPE 1.5

1.5 mm<sup>2</sup>

#### Two connections



3.5 x 54.5 x 37	
/ 1.5	
0.05...1.5	

IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 30...14	AWG 26...14	1.5
500			
6			
	3		
	B1 / V-0		

KEMA 01ATEX2106 U

Rated connection	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.4 x 2.0 mm	

Type	Qty	Order No.
ZPE 1.5	100	1775510000

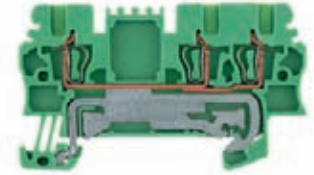
Type	Width	Qty	Order No.
ZAP/TW ZDU1.5/2AN	2 mm	20	1776030000
ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000
SD 0.4x2.0x60		1	9037160000
ZRH 1.5S/1		500	1781950000
ZRH 1.5S/2		500	1781960000

DEK 5/5 / WS 12/3,5

### ZPE 1.5/3AN

1.5 mm<sup>2</sup>

#### Three connections



3.5 x 63 x 37	
/ 1.5	
0.05...1.5	

IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 30...14	AWG 26...14	1.5
500			
6			
	3		
	B1 / V-0		

KEMA 01ATEX2106 U

Rated connection	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.4 x 2.0 mm	

Type	Qty	Order No.
ZPE 1.5/3AN	100	1775560000

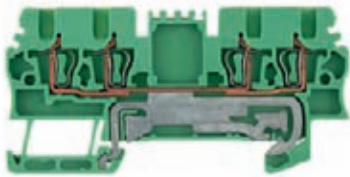
Type	Width	Qty	Order No.
ZAP/TW ZDU1.5/3AN	2 mm	20	1776060000
ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000
SD 0.4x2.0x60		1	9037160000
ZRH 1.5S/1		500	1781950000
ZRH 1.5S/2		500	1781960000

DEK 5/5 / WS 12/3,5

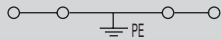
**ZPE 1.5/4AN**

1.5 mm<sup>2</sup>

Four connections



3.5 x 75.5 x 37  
/ 1.5  
0.05...1.5



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 30...14	AWG 26...14	1.5
500			
6			
	3		
	B1 / V-0		

KEMA 01ATEX2106 U

**Rated connection**

0.5...1.5  
0.5...1.5 / 0.5...1.5  
10 / 0.4 x 2.0 mm

Type	Qty	Order No.
ZPE 1.5/4AN	100	1775620000

Type	Width	Qty	Order No.
ZAP/TW ZDU1.5/4AN	2 mm	20	1776090000
ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000
SD 0.4x2.0x60		1	9037160000
ZRH 1.5S/1		500	1781950000
ZRH 1.5S/2		500	1781960000

DEK 5/5 / WS 12/3,5

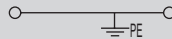
**ZPE 2.5**

2.5 mm<sup>2</sup>

Two connections



5.1 x 63 x 39.5  
/ 4  
0.05...4



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	2.5
800			
8			
	3		
	A3 / V-0		

KEMA 97ATEX2521 U

**Rated connection**

0.5...4  
0.5...4 / 0.5...2.5  
10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZPE 2.5	100	1608640000

Type	Width	Qty	Order No.
ZAP/TW 1	2 mm	50	1608740000
ZEW 35	6 mm	20	9540000000
ZTA 1	5.1 mm	25	1609040000
ZTA 1/ZA	5.1 mm	25	1609050000
SD 0.6x3.5x100		1	9008330000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000

DEK 5/5 / WS 10/5

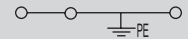
**ZPE 2.5/3AN**

2.5 mm<sup>2</sup>

Three connections



5.1 x 64.5 x 39.5  
/ 4  
0.05...4



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	2.5
800			
8			
	3		
	A3 / V-0		

KEMA 97ATEX2521 U

**Rated connection**

0.5...4  
0.5...4 / 0.5...2.5  
10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZPE 2.5/3AN	100	1608650000

Type	Width	Qty	Order No.
ZAP/TW 2 DB	2 mm	50	1608770000
ZEW 35	6 mm	20	9540000000
ZTA 1	5.1 mm	25	1609040000
ZTA 1/ZA	5.1 mm	25	1609050000
SD 0.6x3.5x100		1	9008330000
ZRH 2.5/1 WS		1000	1614300000
ZRH 2.5/2 GR/V0		1000	1614290000

DEK 5/5 / WS 10/5

## Modular PE terminals

### Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
<b>Note</b>	

### Ordering data

Version	
	green/yellow Wemid
<b>Note</b>	

### Accessories

End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

### ZPE 2.5/4AN

2.5 mm<sup>2</sup>

#### Four connections



5.1 x 79.5 x 39.5	
/ 4	
<b>0.05...4</b>	

IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	2.5
800			
8			
	3		
	A3 / V-0		

KEMA 97ATEX2521 U

Rated connection	
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty	Order No.
ZPE 2.5/4AN	100	<b>1608660000</b>

Type	Width	Qty	Order No.
ZAP/TW 3	2 mm	50	<b>1608800000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 1	5.1 mm	25	<b>1609040000</b>
ZTA 1/ZA	5.1 mm	25	<b>1609050000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 2.5/1 WS		1000	<b>1614300000</b>
ZRH 2.5/2 GR/V0		1000	<b>1614290000</b>

DEK 5/5 / WS 10/5

### ZPE 4

4 mm<sup>2</sup>

#### Two connections



6.1 x 64 x 43.5	
/ 6	
<b>0.13...6</b>	

IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
800			
8			
	3		
	A4 / V-0		

KEMA 97ATEX2521 U

Rated connection	
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
12 / 0.6 x 3.5 mm	

Type	Qty	Order No.
ZPE 4	100	<b>1632080000</b>

Type	Width	Qty	Order No.
ZAP/TW 4	2 mm	50	<b>1632090000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 2 ZDU4	6.1 mm	25	<b>1609060000</b>
ZTA 2/ZA ZDU4	6.1 mm	25	<b>1609070000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 4/1 WS		1000	<b>1636640000</b>
ZRH 4/2		1000	<b>1636650000</b>

DEK 5/6 / WS 12/6

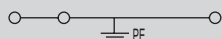
**ZPE 4/3 AN**

4 mm<sup>2</sup>

Three connections



6.1 x 85.5 x 43.5  
/ 6  
0.13...6



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
800			
8			
	3		
	A4 / V-0		

KEMA 00ATEX2107 U

**Rated connection**

0.5...6 / 0.5...6  
0.5...6 / 0.5...4  
12 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZPE 4/3AN	50	7904170000

Type	Width	Qty	Order No.
ZAP/TW 4/3AN	2 mm	20	7904100000
ZEW 35	6 mm	20	9540000000
ZTA 2 ZDU4	6.1 mm	25	1609060000
ZTA 2/ZA ZDU4	6.1 mm	25	1609070000
SD 0.6x3.5x100		1	9008330000
ZRH 4/1 WS		1000	1636640000
ZRH 4/2		1000	1636650000

DEK 5/6 / WS 12/6

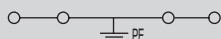
**ZPE 4/4 AN**

4 mm<sup>2</sup>

Four connections



6.1 x 104.5 x 43.5  
/ 6  
0.13...6



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
800			
8			
	3		
	A4 / V-0		

KEMA 00ATEX2107 U

**Rated connection**

0.5...6 / 0.5...6  
0.5...6 / 0.5...4  
12 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZPE 4/4AN	50	7904280000

Type	Width	Qty	Order No.
ZAP/TW4/4AN	2 mm	20	7904210000
ZEW 35	6 mm	20	9540000000
ZTA 2 ZDU4	6.1 mm	25	1609060000
ZTA 2/ZA ZDU4	6.1 mm	25	1609070000
SD 0.6x3.5x100		1	9008330000
ZRH 4/1 WS		1000	1636640000
ZRH 4/2		1000	1636650000

DEK 5/6 / WS 12/6

## Modular PE terminals

### Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
<b>Note</b>	

### Ordering data

Version	Note
green/yellow Wemid	
<b>Note</b>	

### Accessories

End plate / partition	End bracket	Test adapter	Screwdriver	Reducing sleeves
Dark beige Wemid	Dark beige Wemid	Standard With assembly peg	Standard	For conductors < 0,5 mm <sup>2</sup> / AWG 20 For conductors < 1,0 mm <sup>2</sup> / AWG 18

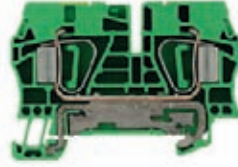
**Marking systems** (see assortment in catalogue 7)  
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

### ZPE 6

6 mm<sup>2</sup>

#### Two connections



8.1 x 65 x 45.5	
/ 10	
0.22...10	

IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	6
800			
8			
	3		
	A5 / V-0		

KEMA 97ATEX2521 U

Rated connection	
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
13 / 0.6 x 3.5 mm	

Type	Qty	Order No.
ZPE 6	50	1608670000

Type	Width	Qty	Order No.
ZAP/TW 5	2 mm	50	1608830000
ZEW 35	6 mm	20	9540000000
ZTA 3 ZDU6	8.1 mm	25	1654050000
SD 1.0x5.5x150		1	9008350000

DEK 5/8 / WS 12/6

### ZPE 6/3 AN

6 mm<sup>2</sup>

#### Three connections



8.1 x 90 x 45.6	
/ 10	
0.22...10	

IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	6
800			
8			
	3		
	A5 / V-0		

KEMA 00ATEX2107 U

Rated connection	
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
13 / 0.6 x 3.5 mm	

Type	Qty	Order No.
ZPE 6/3AN	50	7907400000

Type	Width	Qty	Order No.
ZAP/TW6/3AN	2 mm	20	7907370000
ZEW 35	6 mm	20	9540000000
ZTA 3 ZDU6	8.1 mm	25	1654050000
SD 1.0x5.5x150		1	9008350000

DEK 5/8 / WS 12/6

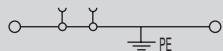
**ZPE 10**

10 mm<sup>2</sup>

Two connections



10.1 x 73.5 x 50.5  
/ 16  
1.31...16



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	10
800			
8			
	3		
	A6 / V-0		

KEMA 99ATEX5514 U

Rated connection
1.5...16 / 10...16
1.5...10 / 1.5...10
18 / 1.0 x 5.5 mm

Type	Qty	Order No.
ZPE 10	25	1746770000

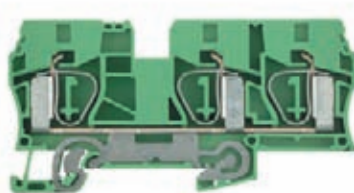
Type	Width	Qty	Order No.
ZAP/TW ZDU10	2.7 mm	20	1748660000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

DEK 5/5 / WS 12/6

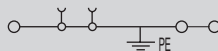
**ZPE 10/3 AN**

10 mm<sup>2</sup>

Three connections



10.1 x 99 x 50.5  
/ 16  
1.31...16



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	10
800			
8			
	3		
	A6 / V-0		

KEMA 00ATEX2107 U

Rated connection
1.5...16 / 10...16
1.5...10 / 1.5...10
18 / 1.0 x 5.5 mm

Type	Qty	Order No.
ZPE 10/3AN	20	1767670000

Type	Width	Qty	Order No.
ZAP/TW 10/16	3 mm	20	1749580000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

DEK 5/5 / WS 12/6

## Modular PE terminals

### Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	Note
green/yellow Wemid	
Note	

### Accessories

End plate / partition	End bracket	Test adapter	Screwdriver	Reducing sleeves
Dark beige Wemid	Dark beige Wemid	Standard With assembly peg	Standard	For conductors < 0,5 mm <sup>2</sup> / AWG 20 For conductors < 1,0 mm <sup>2</sup> / AWG 18

Marking systems	For detailed information on other accessories and applications, refer to the „Accessories“ section
(see assortment in catalogue 7) Marking tags	

### ZPE 16

16 mm<sup>2</sup>

#### Two connections



12.1 x 82.5 x 51.5	
/ 25	
1.5...25	

IEC 60947-7-2				Ex e ll Ex II 2 G D			
IEC	UL	CSA	EN 60079-7				
16	AWG 14...4	AWG 14...4	16				
800							
8							
	3						
	A7 / V-0						
				KEMA 99ATEX5514 U			
Rated connection							
1.5...16 / 16...25							
1.5...16 / 1.5...16							
18 / 1.0 x 5.5 mm							
To maintain the current-carrying capacity of the terminal rail, use the TS 35 x 15.							

Type	Qty	Order No.
ZPE 16	25	1745250000

Type	Width	Qty	Order No.
ZAP/TW ZDU16	3 mm	20	1745150000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

Marking systems	For detailed information on other accessories and applications, refer to the „Accessories“ section
DEK 5/5 / WS 15/5	The plug-in cross-connections ZQV 16/2 (1739690000) can be used.

### ZPE 16/3AN

16 mm<sup>2</sup>

#### Three connections



12.1 x 99 x 51.5	
/ 25	
1.5...25	

IEC 60947-7-2				Ex e ll Ex II 2 G D			
IEC	UL	CSA	EN 60079-7				
16	AWG 14...4	AWG 14...4	16				
800							
8							
	3						
	A7 / V-0						
				KEMA 00ATEX2107 U			
Rated connection							
1.5...16 / 16...25							
1.5...16 / 1.5...16							
18 / 1.0 x 5.5 mm							
To maintain the current-carrying capacity of the terminal rail, use the TS 35 x 15.							

Type	Qty	Order No.
ZPE 16/3AN	20	1768310000

Type	Width	Qty	Order No.
ZAP/TW 10/16	3 mm	20	1749580000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

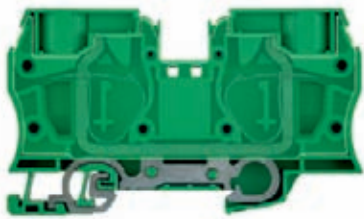
Marking systems	For detailed information on other accessories and applications, refer to the „Accessories“ section
DEK 5/5 / WS 15/5	



**ZPE 35**

**35 mm<sup>2</sup>**

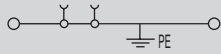
Two connections



16 x 100.5 x 60

/ 35

2.5...35



IEC 60947-7-2

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...2	AWG 12...2	35
800			
8			
	3		
	A8 / V-0		

**Rated connection**

2.5...16 / 2.5...35

2.5...35 / 2.5...35

25 / 1.0 x 5.5 mm

To maintain the current-carrying capacity of the terminal rail, use the TS 35 x 15.

Type	Qty	Order No.
ZPE 35	10	1739650000
End plate is integrated.		

Type	Width	Qty	Order No.
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

DEK 5/5 / WS 15/5

The plug-in cross-connections ZQV 35/2 (1739700000) can be used.

## Modular PE terminals

### Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	green/yellow Wemid
Note	

### Accessories

End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

### ZPE 2.5-2

2.5 mm<sup>2</sup>

#### Two connections



5.1 x 50.5 x 44	
/ 4	
<b>0.13...4</b>	

IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 30...14	2.5
800			
8			
	3		
	A2 / V-0		

KEMA 97ATEX4677 U

Rated connection	
	0.5...4
	0.5...2.5 / 0.5...2.5
	10 / 0.6 x 3.5 mm
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	

Type	Qty	Order No.
ZPE 2.5-2	100	<b>1772090000</b>

Type	Width	Qty	Order No.
ZAP/TW7	2.5 mm	50	<b>1706110000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 4	5.1 mm	25	<b>1688110000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>

DEK 5/5 / WS 14/5

### ZPE 2.5-2/3AN

2.5 mm<sup>2</sup>

#### Three connections



5.1 x 50.5 x 44	
/ 4	
<b>0.13...4</b>	

IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 30...14	2.5
800			
8			
	3		
	A2 / V-0		

KEMA 97ATEX4677 U

Rated connection	
	0.5...4
	0.5...2.5 / 0.5...2.5
	10 / 0.6 x 3.5 mm
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	

Type	Qty	Order No.
ZPE 2.5-2/3AN	100	<b>1706090000</b>

Type	Width	Qty	Order No.
ZAP/TW7	2.5 mm	50	<b>1706110000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 4	5.1 mm	25	<b>1688110000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>

DEK 5 / WS 14/5

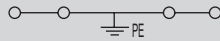
**ZPE 2.5-2/4AN**

**2.5 mm<sup>2</sup>**

Four connections



5.1 x 50.5 x 44  
/ 4  
**0.13...4**



IEC 60947-7-2 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 30...14	2.5
800			
8			
3			
A2 / V-0			

**CE** **UL** **KEMA** **RU** KEMA 97ATEX4677 U

**Rated connection**

0.5...4  
0.5...2.5 / 0.5...2.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/6 crimping tool.

Type	Qty	Order No.
ZPE 2.5-2/4AN	100	<b>1706100000</b>

Type	Width	Qty	Order No.
ZAP/TW7	2.5 mm	50	<b>1706110000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 4	5.1 mm	25	<b>1688110000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>

DEK 5/5 / WS 10/5

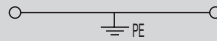
**ZPE 4-2/2AN**

**4 mm<sup>2</sup>**

Two connections



6.1 x 61.5 x 46  
/ 6  
**0.13...6**



IEC 60947-7-2 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
800			
8			
3			
A3 / V-0			

**CE** **UL** **KEMA** **RU** KEMA 97ATEX4677 U

**Rated connection**

0.5...6  
0.5...4 / 0.5...4  
10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZPE 4-2/2AN	100	<b>1770380000</b>

Type	Width	Qty	Order No.
ZAP ZDU4-2	2 mm	50	<b>1770400000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 6/ZA	6.1 mm	25	<b>1780660000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 4/1 WS		1000	<b>1636640000</b>
ZRH 4/2		1000	<b>1636650000</b>

DEK 5/6 / WS 12/6

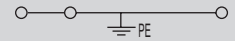
**ZPE 4-2/3AN**

**4 mm<sup>2</sup>**

Three connections



6.1 x 61.5 x 46  
/ 6  
**0.13...6**



IEC 60947-7-2 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
800			
8			
3			
A3 / V-0			

**CE** **UL** **KEMA** **RU** KEMA 97ATEX4677 U

**Rated connection**

0.5...6  
0.5...4 / 0.5...4  
10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZPE 4-2/3AN	100	<b>1770390000</b>

Type	Width	Qty	Order No.
ZAP ZDU4-2	2 mm	50	<b>1770400000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 6/ZA	6.1 mm	25	<b>1780660000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 4/1 WS		1000	<b>1636640000</b>
ZRH 4/2		1000	<b>1636650000</b>

DEK 5/6 / WS 12/6

## Modular PE terminals

### Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

<b>Rated data</b>	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-

#### Note

### Ordering data

<b>Version</b>	green/yellow Wemid
<b>Note</b>	

### Accessories

<b>End plate / partition</b>	Dark beige Wemid
<b>End bracket</b>	Dark beige Wemid
<b>Test adapter</b>	With assembly peg
<b>Screwdriver</b>	Standard
<b>Reducing sleeves</b>	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

**Marking systems** (see assortment in catalogue 7)  
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

### ZPE 4-2/4 AN

4 mm<sup>2</sup>

#### Four connections



6.1 x 75 x 46  
/ 6  
0.13...6



IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
800			
8			
	3		
	A3 / V-0		

KEMA 97ATEX4677 U

#### Rated connection

0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

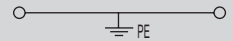
### ZPE 6-2/2AN

6 mm<sup>2</sup>

#### Two connections



8.1 x 68 x 50  
/ 10  
0.22...10



IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	6
800			
8			
	3		
	A5 / V-0		

KEMA 97ATEX4677 U

#### Rated connection

0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZPE 4-2/4AN	100	1807090000

Type	Qty	Order No.
ZPE 6-2/2AN	50	1771370000

Type	Width	Qty	Order No.
ZAP ZDU4-2/4AN	2 mm	50	1807010000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SD 0.6x3.5x100		1	9008330000
ZRH 4/1 WS		1000	1636640000
ZRH 4/2		1000	1636650000

Type	Width	Qty	Order No.
ZAP ZDU6-2	2.5 mm	50	1771440000
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SD 0.6x3.5x100		1	9008330000

DEK 5/6 / WS 12/6

DEK 5/8

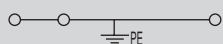
**ZPE 6-2/3AN**

6 mm<sup>2</sup>

Three connections



8.1 x 68 x 50  
/ 10  
0.22...10



IEC 60947-7-2 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	6
800			
8			
	3		
	A5 / V-0		

**Rated connection**  
0.5...10  
0.5...10 / 0.5...6  
12 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZPE 6-2/3AN	50	1771360000

Type	Width	Qty	Order No.
ZAP ZDU6-2	2.5 mm	50	1771440000
ZEW 35	6 mm	20	9540000000
ZTA 7/ZA	8.1 mm	25	1780670000
SD 0.8x4.0x100		1	9008340000

DEK 5/8

**ZPE 16-2/1AN**

16 mm<sup>2</sup>

Supply terminal - PE



12 x 65 x 51.5  
/ 25  
1.5...25



IEC 60947-7-2

IEC	UL	CSA
16	AWG 14...4	AWG 14...4
800		
8		
	1920 A (16 mm <sup>2</sup> )	
	3	
	A7 / V-0	

**Rated connection**  
1.5...10 / 16...25  
1.5...16 / 1.5...16  
18 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

Type	Qty	Order No.
ZPE 16-2/1AN	20	1772960000

Type	Width	Qty	Order No.
ZAP/Z...16-2/1AN	2.5 mm	10	1772970000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

DEK 5/8

The plug-in cross-connections ZQV 2.5/... , ZQV 4/... and ZQV 6/... can be used.

## Modular PE terminals

### Compact style

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	Note
green/yellow Wemid	
Note	

### Accessories

End plate / partition	End bracket	Test adapter	Screwdriver	Reducing sleeves
Dark beige Wemid	Dark beige Wemid	Standard With assembly peg	Standard	For conductors < 0,5 mm <sup>2</sup> / AWG 20 For conductors < 1,0 mm <sup>2</sup> / AWG 18

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

### ZPE 2.5N

2.5 mm<sup>2</sup>

2 connections



5.1 x 50.5 x 39	/ 4	
<b>0.05...4</b>		

IEC 60947-7-1 (-7-2)			
IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5
800			
6			
	3		
	A2 / V0		
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

Type	Qty	Order No.
ZPE 2.5N	50	1933760000
Note		

Type	Width	Qty	Order No.
ZAP/TW ZDU/ZPE 2.5N	2 mm	20	1933790000
ZEW 35	6 mm	20	9540000000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5

2.5 mm<sup>2</sup> conductors with plastic collar wire end ferrules only with optimized diameter collar (order No. 1333100000, 500 pcs).

### ZPE 2.5N/3AN

2.5 mm<sup>2</sup>

3 connections



5.1 x 56.5 x 39	/ 4	
<b>0.05...4</b>		

IEC 60947-7-1 (-7-2)			
IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5
800			
6			
	3		
	A2 / V0		
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

Type	Qty	Order No.
ZPE 2.5N/3AN	50	1933770000
Note		

Type	Width	Qty	Order No.
ZAP/TW ZDU/ZPE 2.5N	2 mm	20	1933790000
ZEW 35	6 mm	20	9540000000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5

2.5 mm<sup>2</sup> conductors with plastic collar wire end ferrules only with optimized diameter collar (order No. 1333100000, 500 pcs).

**ZPE 2.5N/4AN**

**2.5 mm<sup>2</sup>**

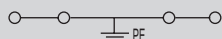
**4 connections**



5.1 x 60 x 39

/ 4

**0.05...4**



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5
800			
6			
	3		
	A2 / V0		



**Rated connection**

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZPE 2.5N/4AN	50	<b>1933780000</b>

Type	Width	Qty	Order No.
ZAP/TW ZDU/ZPE 2.5N	2 mm	20	<b>1933790000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA ZT2.5	5.1 mm	25	<b>1827080000</b>
ZTA ZT2.5/ZA	5.1 mm	25	<b>1847600000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>

DEK 5/5 / WS 10/5

2.5 mm<sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

**D**



## Modular PE terminals

### Compact style

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>














### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	green/yellow Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol

**Marking systems** (see assortment in catalogue 7)  
Marking tags

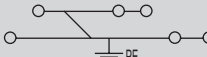
**For detailed information on other accessories and applications, refer to the „Accessories“ section**

### ZDK 2.5/3AN PE

2.5 mm<sup>2</sup>

Double-level terminal



5.1 x 93 x 51.5	
/ 4	
<b>0.05...4</b>	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5
800			
8			
	3		
	A2 / V0		



#### Rated connection

0.5...4 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDK 2.5/3AN PE	50	<b>1924470000</b>

Type	Qty	Order No.
<b>Width</b>		
ZAP/TW ZDK 2.5/3AN	2 mm 20	<b>1924910000</b>
ZEW 35/2	8 mm 20	<b>8630740000</b>
ZTA ZT2.5	5.1 mm 25	<b>1827080000</b>
ZTA ZT2.5/ZA	5.1 mm 25	<b>1847600000</b>
SD 0.6x3.5x100	1	<b>9008330000</b>
ZRH 1.5H/1	1000	<b>1678810000</b>
ZRH 1.5H/2	1000	<b>1678800000</b>

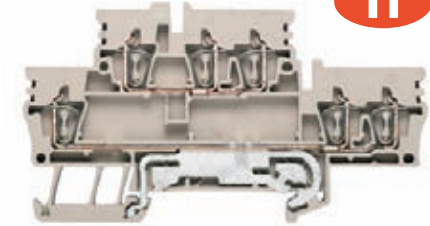
Snap Mark / DEK 5/5 / WS 10/5


2.5 mm<sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

### ZDK 2.5/3AN DU-PE

2.5 mm<sup>2</sup>

Double-level terminal (DU-PE)



5.1 x 93 x 51.5	
<b>31 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5
800			
8			
	3		
	A2 / V0		



#### Rated connection

0.5...4 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDK 2.5/3AN DU-PE	50	<b>1924460000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
<b>Width</b>			
ZAP/TW ZDK 2.5/3AN	2 mm	20	<b>1924910000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA ZT2.5	5.1 mm	25	<b>1827080000</b>
ZTA ZT2.5/ZA	5.1 mm	25	<b>1847600000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>
ZAD 9/4		20	<b>1934160000</b>

Snap Mark / DEK 5/5 / WS 10/5

2.5 mm<sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).



## Double / Multilevel terminals

### Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

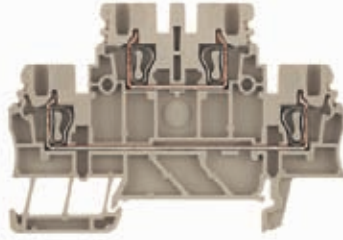
### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
	with „swiftly set“ cutting device
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### ZDK 1.5

1.5 mm<sup>2</sup>

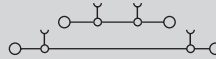
#### Double level terminals



3.5 x 75.5 x 50

17.5 / 1.5

0.05...1.5



IEC 60947-7-1

IEC	UL	CSA
500	300	300
17.5	10	10
1.5	AWG 30...16	AWG 28...16
6 / 3		
B1 / V-0		



#### Rated connection

0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

Type	Qty	Order No.
ZDK 1.5	100	1791100000
ZDK 1.5 BL	100	1791110000

Type	current	Qty	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/3	17.5 A	60	1776130000
ZQV 1.5/4	17.5 A	60	1776140000
ZQV 1.5/10	17.5 A	20	1776200000

	Width		
ZAP/TW ZDK1.5	2 mm	20	1791160000
ZAP/TW ZDK1.5 BL	2 mm	20	1791170000

ZEW 35	6 mm	20	9540000000
--------	------	----	------------

ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000

SD 0.4x2.0x60		1	9037160000
---------------	--	---	------------

ZRH 1.5S/1		500	1781950000
ZRH 1.5S/2		500	1781960000

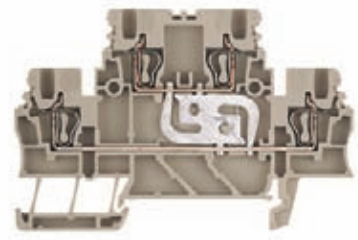
ZAD 7/4		20	1781940000
---------	--	----	------------

DEK 5/3,5 / WS 10/3,5

### ZDK 1.5V

1.5 mm<sup>2</sup>

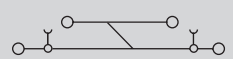
#### Vertically cross-connected double level terminal



3.5 x 75.5 x 50

17.5 / 1.5

0.05...1.5



IEC 60947-7-1

IEC	UL	CSA
500	300	300
17.5	10	10
1.5	AWG 30...16	AWG 28...16
6 / 3		
B1 / V-0		



#### Rated connection

0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

Type	Qty	Order No.
ZDK 1.5V	100	1791130000
ZDK 1.5V BL	100	1791140000

Type	current	Qty	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/3	17.5 A	60	1776130000
ZQV 1.5/4	17.5 A	60	1776140000
ZQV 1.5/10	17.5 A	20	1776200000

	Width		
ZAP/TW ZDK1.5	2 mm	20	1791160000
ZAP/TW ZDK1.5 BL	2 mm	20	1791170000

ZEW 35	6 mm	20	9540000000
--------	------	----	------------

ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000

SD 0.4x2.0x60		1	9037160000
---------------	--	---	------------

ZRH 1.5S/1		500	1781950000
ZRH 1.5S/2		500	1781960000

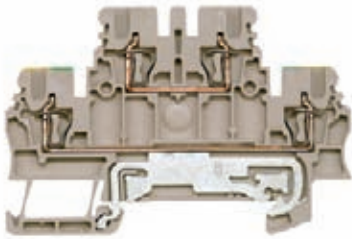
ZAD 7/4		20	1781940000
---------	--	----	------------

DEK 5/3,5 / WS 10/3,5

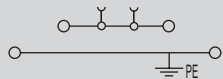
**ZDK 1.5 DU-PE**

**1.5 mm<sup>2</sup>**

**Double level terminals (DU - PE)**



3.5 x 75.5 x 50  
**17.5 / 1.5**  
**0.05...1.5**



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
500	300	300
17.5	10	10
1.5	AWG 30...16	AWG 28...16
	6 / 3	
	B1 / V-0	



**Rated connection**

0.5...1.5  
 0.5...1.5 / 0.5...1.5  
 10 / 0.4 x 2.0 mm

Type	Qty	Order No.
ZDK 1.5DU-PE	100	<b>1791120000</b>

Upper level: feed-through terminal  
 Lower level: PE terminal

Type	current	Qty	Order No.
ZQV 1.5/2	17.5 A	60	<b>1776120000</b>
ZQV 1.5/3	17.5 A	60	<b>1776130000</b>
ZQV 1.5/4	17.5 A	60	<b>1776140000</b>
ZQV 1.5/10	17.5 A	20	<b>1776200000</b>
Width			
ZAP/TW ZDK1.5	2 mm	20	<b>1791160000</b>
ZAP/TW ZDK1.5 BL	2 mm	20	<b>1791170000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 5	3.5 mm	25	<b>1776210000</b>
ZTA 5/ZA	3.5 mm	25	<b>1776220000</b>
SD 0.4x2.0x60		1	<b>9037160000</b>
ZRH 1.5S/1		500	<b>1781950000</b>
ZRH 1.5S/2		500	<b>1781960000</b>
ZAD 7/4		20	<b>1781940000</b>

DEK 5/3,5 / WS 10/3,5

D

## Double / Multilevel terminals

### Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

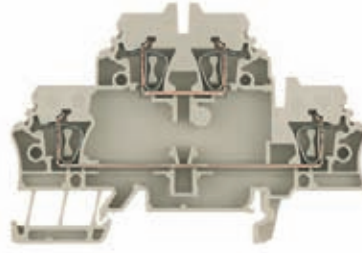
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
	with „swiftly set“ cutting device
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

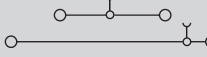
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	



### ZDK 2.5

2.5 mm<sup>2</sup>

#### Double level terminals



5.1 x 79.5 x 54	
<b>20 / 2.5</b>	
<b>0.05...2.5</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
500	300	300	275	500	300	300	275
20	10	10	18	20	10	10	20
2.5	AWG 30...12	AWG 26...12	2.5	2.5	AWG 30...12	AWG 26...12	2.5
				6 / 3			
				A2 / V-0			
				KEMA 97ATEX4677 U			
Rated connection							
0.5...2.5							
0.5...2.5 / 0.5...2.5							
10 / 0.6 x 3.5 mm							
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.							

Type	Qty	Order No.
ZDK 2.5	50	1674300000
ZDK 2.5 BL	50	1678630000
Component plug ZBS 1(1764540000) and ZBS 1 for LED (1764550000) can be used.		

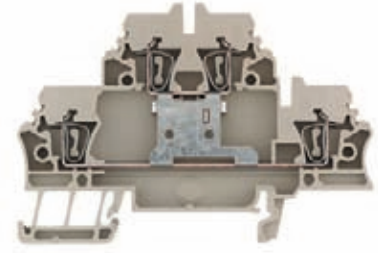
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZAP/TW ZDK2.5 BL	1.5 mm	20	1748800000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1	1000		1678810000
ZRH 1.5H/2	1000		1678800000

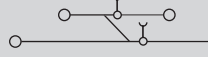
Marking systems	
	DEK 5/5 / WS 12/5
	ZVQ 2.5/15 (1720700000) connects two current bars one above the other.



### ZDK 2.5 V

2.5 mm<sup>2</sup>

#### Vertically cross-connected double level terminal



5.1 x 79.5 x 54	
<b>24 / 2.5</b>	
<b>0.05...2.5</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
500	300	300	275	500	300	300	275
20	10	10	20	20	10	10	20
2.5	AWG 30...12	AWG 26...12	2.5	2.5	AWG 30...12	AWG 26...12	2.5
				6 / 3			
				A2 / V-0			
				KEMA 97ATEX4677 U			
Rated connection							
0.5...2.5							
0.5...2.5 / 0.5...2.5							
10 / 0.6 x 3.5 mm							
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.							

Type	Qty	Order No.
ZDK 2.5V	50	1689990000
ZDK 2.5V BL	50	1745880000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZAP/TW ZDK2.5 BL	1.5 mm	20	1748800000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1	1000		1678810000
ZRH 1.5H/2	1000		1678800000

Marking systems	
	DEK 5/5 / WS 10/5

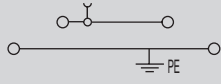
**ZDK 2.5 DU-PE**

**2.5 mm<sup>2</sup>**

Phase - PE conductor



5.1 x 79.5 x 54  
20 / 2.5  
0.05...2.5



IEC 60947-7-1 (-7-2) Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
24	10	10	20
2.5	AWG 30...12	AWG 26...12	2.5
6 / 3			
A2 / V-0			

**CE** **UL** **RU** KEMA 97ATEX4677 U

Rated connection	
0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	

Type	Qty	Order No.
ZDK 2.5DU-PE	50	1689970000

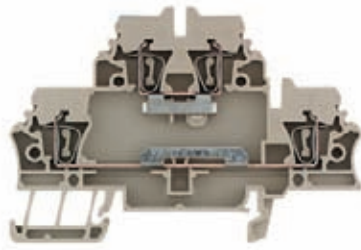
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZAP/TW ZDK2.5 BL	1.5 mm	20	1748800000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 12/5

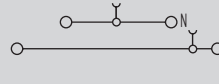
**ZDK 2.5 N-DU**

**2.5 mm<sup>2</sup>**

Neutral conductor - phase



5.1 x 79.5 x 54  
20 / 2.5  
0.05...2.5



IEC 60947-7-1 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
20	10	10	20
2.5	AWG 30...12	AWG 26...12	2.5
6 / 3			
A2 / V-0			

**CE** **UL** **RU** KEMA 97ATEX4677 U

Rated connection	
0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	

Type	Qty	Order No.
ZDK 2.5N-DU	50	1689960000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZAP/TW ZDK2.5 BL	1.5 mm	20	1748800000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 12/5

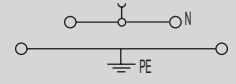
**ZDK 2.5 N-PE**

**2.5 mm<sup>2</sup>**

Neutral & PE conductor



5.1 x 79.5 x 54  
20 / 2.5  
0.05...2.5



IEC 60947-7-1 (-7-2) Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
20	10	10	20
2.5	AWG 30...12	AWG 26...12	2.5
6 / 3			
A2 / V-0			

**CE** **UL** **RU** KEMA 97ATEX4677 U

Rated connection	
0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	

Type	Qty	Order No.
ZDK 2.5N-PE	50	1689980000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZAP/TW ZDK2.5 BL	1.5 mm	20	1748800000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 12/5

## Double / Multilevel terminals

### Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
	with „swiftly set“ cutting device
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	


### ZDLD 2.5-2 N

2.5 mm<sup>2</sup>

#### Three levels



5.1 x 110.5 x 70	
<b>20 / 2.5</b>	
<b>0.13...2.5</b>	

IEC 60947-7-1		
IEC	UL	CSA
500	300	300
20	15	15
2.5	AWG 26...12	AWG 26...12
6 / 3		
A2 / V-0		
		
Rated connection		
0.5...2.5		
0.5...2.5 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

Type	Qty	Order No.
ZDLD 2.5-2N	50	<b>1782300000</b>
ZDLD 2.5-2N BL	50	<b>1782310000</b>

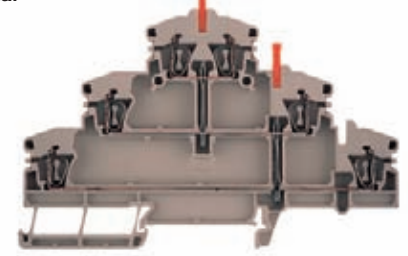
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
ZAP/TW ZDLD2.5-2N	1.5 mm	20	<b>1782340000</b>
ZAP/TW ZDLD2.5-2N BL	1.5 mm	20	<b>1782350000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 4	5.1 mm	25	<b>1688110000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
SWIFTY SET		1	<b>9006060000</b>
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>

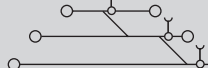
DEK 5/5 / WS 12/5
ZVQ 2.5/15 (1720700000) connects two current bars one above the other.


### ZDLD 2.5-2 VN

2.5 mm<sup>2</sup>

#### Vertically cross-connected multilevel terminal



5.1 x 110.5 x 70	
<b>20 / 2.5</b>	
<b>0.13...2.5</b>	

IEC 60947-7-1		
IEC	UL	CSA
400	300	300
20	15	15
2.5	AWG 26...12	AWG 26...12
6 / 3		
A2 / V-0		
		
Rated connection		
0.5...2.5		
0.5...2.5 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

Type	Qty	Order No.
ZDLD 2.5-2VN	25	<b>1782320000</b>
ZDLD 2.5-2VN BL	25	<b>1782330000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
ZAP/TW ZDLD2.5-2N	1.5 mm	20	<b>1782340000</b>
ZAP/TW ZDLD2.5-2N BL	1.5 mm	20	<b>1782350000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 4	5.1 mm	25	<b>1688110000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>

DEK 5/5 / WS 12/5
-------------------

### Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
	with „swiftly set“ cutting device
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

Marking systems	
	(see assortment in catalogue 7)
	Marking tags

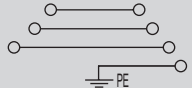
For detailed information on other accessories and applications, refer to the „Accessories“ section

### ZMAK 2.5

2.5 mm<sup>2</sup>

#### Motor-supply terminal



5.1 x 102 x 70	
<b>31 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300	300
24	25	25
2.5	AWG 26...12	AWG 26...12
6 / 3		
A3 / V-0		



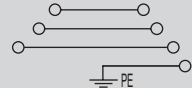
Rated connection	
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

### ZMAK 2.5 690 V

2.5 mm<sup>2</sup>

#### Motor-supply terminal



5.1 x 102 x 70	
<b>31 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300	300
24	25	25
2.5	AWG 26...12	AWG 26...12
6 / 3		
A3 / V-0		



Rated connection	
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty	Order No.
ZMAK 2.5 690 V	25	<b>1027550000</b>
Note		
With pre-assembled end plate and a width of 6.1 mm!		

Type	Qty	Order No.
ZMAK 2.5	25	<b>1768000000</b>
Note		

Type	Qty	Order No.
Width		
ZAP ZMAK2.5	1.5 mm	10 <b>1768010000</b>
Width		
ZEW 35	6 mm	20 <b>9540000000</b>
Width		
SD 0.6x3.5x100	1	<b>9008330000</b>
Width		
ZRH 1.5H/1	1000	<b>1678810000</b>
ZRH 1.5H/2	1000	<b>1678800000</b>

Type	Qty	Order No.
Width		
ZEW 35	6 mm	20 <b>9540000000</b>
Width		
SD 0.6x3.5x100	1	<b>9008330000</b>
Width		
ZRH 1.5H/1	1000	<b>1678810000</b>
ZRH 1.5H/2	1000	<b>1678800000</b>

Marking systems	
	DEK 5/5 / WS 12/5

Marking systems	
	DEK 5/5 / WS 12/5



## Double / Multilevel terminals

### Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
<b>Note</b>	

### Ordering data

Version	
	green/yellow Wemid
<b>Note</b>	

### Accessories

End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

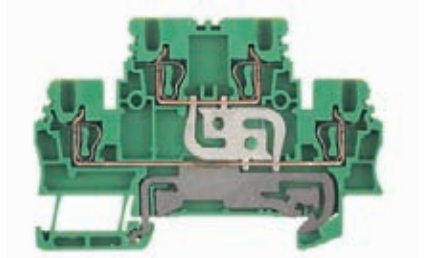
**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

### ZDK 1.5 PE

1.5 mm<sup>2</sup>

#### Double level terminals



3.5 x 75.5 x 50	
/ 1.5	
0.05...1.5	

IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 30...16	AWG 26...16	1.5
500			
6			
	3		
	B1 / V-0		

KEMA 01ATEX2106 U

Rated connection	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.4 x 2.0 mm	

Type	Qty	Order No.
ZDK 1.5PE	100	1791150000

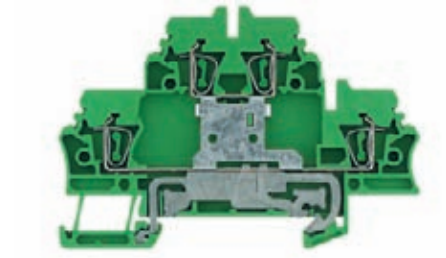
Type	Width	Qty	Order No.
ZAP/TW ZDK1.5	2 mm	20	1791160000
ZEW 35	6 mm	20	9540000000
ZTA 5	3.5 mm	25	1776210000
ZTA 5/ZA	3.5 mm	25	1776220000
SD 0.4x2.0x60		1	9037160000
ZRH 1.5S/1		500	1781950000
ZRH 1.5S/2		500	1781960000

DEK 5/3,5 / WS 10/3,5

### ZDK 2.5 PE

2.5 mm<sup>2</sup>

#### Vertically cross-connected



5.1 x 79.5 x 54	
/ 2.5	
0.05...2.5	

IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	2.5
500			
6			
	3		
	A2 / V-0		

KEMA 97ATEX4677 U

Rated connection	
0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDK 2,5PE	50	1690000000

Type	Width	Qty	Order No.
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 12/5



## Double / Multilevel terminals

### Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

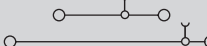
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
	with „swifty set“ cutting device
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### ZDK 2.5-2

2.5 mm<sup>2</sup>

#### Double level terminals



5.1 x 72.5 x 55.5	
<b>24 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1

IEC	UL	CSA
800	600	600
24	20	25
2.5	AWG 30...12	AWG 30...12
8 / 3		
A2 / V-0		



Rated connection	
0.5...4	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	

Type	Qty	Order No.
ZDK 2.5-2	50	<b>1790990000</b>
ZDK 2.5-2 BL	50	<b>1791000000</b>
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
ZAP/TW ZDK2.5-2	2 mm	20	<b>1791050000</b>
ZAP/TW ZDK2.5-2 BL	2 mm	20	<b>1791060000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 4	5.1 mm	25	<b>1688110000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>
ZAD 1/4-2 GE		20	<b>1764560000</b>

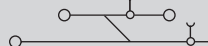
DEK 5/5 / WS 10/5
ZDK 2.5-2/LD 24VUC order No. 1905310000

### ZDK 2.5-2V

2.5 mm<sup>2</sup>

#### Vertically cross-connected double level terminal



5.1 x 72.5 x 55.5	
<b>24 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1

IEC	UL	CSA
800	600	600
24	20	20
2.5	AWG 30...12	AWG 30...12
8 / 3		
A2 / V-0		



Rated connection	
0.5...4	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.	

Type	Qty	Order No.
ZDK 2.5-2V	50	<b>1791030000</b>
ZDK 2.5-2V BL	50	<b>1791040000</b>
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
ZAP/TW ZDK2.5-2	2 mm	20	<b>1791050000</b>
ZAP/TW ZDK2.5-2 BL	2 mm	20	<b>1791060000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 4	5.1 mm	25	<b>1688110000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
ZRH 1.5H/1		1000	<b>1678810000</b>
ZRH 1.5H/2		1000	<b>1678800000</b>
ZAD 1/4-2 GE		20	<b>1764560000</b>

DEK 5/5 / WS 10/5
-------------------

### Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

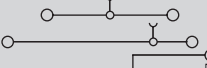
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
	with „swifty set“ cutting device
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
Cover	
	With lightning flash symbol
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### ZDKPE 2.5-2

2.5 mm<sup>2</sup>

Double level terminals with PE connection on one side



5.1 x 89.5 x 55.5	
<b>24 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA
800	600	600
24	20	20
2.5	AWG 30...12	AWG 30...12
8 / 3		
A2 / V-0		
Rated connection		
0.5...4		
0.5...2.5 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

Type	Qty	Order No.
ZDKPE 2.5-2	50	1805940000
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDKPE2.5-2	2 mm	25	1805960000
ZEW 35			
ZEW 35	6 mm	20	9540000000
ZTA 4			
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100			
SD 0.6x3.5x100		1	9008330000
SWIFTY SET			
SWIFTY SET		1	9006060000
ZRH 1.5H/1			
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2			
ZRH 1.5H/2		1000	1678800000
ZAD 1/4-2 GE			
ZAD 1/4-2 GE		20	1764560000

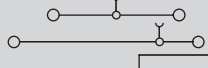
Type	Qty	Order No.
DEK 5/5 / WS 10/5		

### ZDKPE 2.5-2/N/L/PE

2.5 mm<sup>2</sup>

Double level terminals with PE connection on one side



5.1 x 89.5 x 55.5	
<b>24 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA
800	600	600
24	20	
2.5	AWG 30...12	AWG 30...12
8 / 3		
A2 / V-0		
Rated connection		
0.5...4		
0.5...2.5 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

Type	Qty	Order No.
ZDKPE 2.5-2/N/L/PE	50	1895700000
The rated voltage is reduced to 400 V when using the cross-connection.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDKPE2.5-2	2 mm	25	1805960000
ZEW 35			
ZEW 35	6 mm	20	9540000000
ZTA 4			
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100			
SD 0.6x3.5x100		1	9008330000
SWIFTY			
SWIFTY		1	9006020000
ZRH 1.5H/1			
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2			
ZRH 1.5H/2		1000	1678800000
ZAD 1/4-2 GE			
ZAD 1/4-2 GE		20	1764560000

Type	Qty	Order No.
DEK 5/5 / WS 10/5		

## Double / Multilevel terminals

## Roof-style

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



## Technical data

<b>Rated data</b>	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
<b>Note</b>	

## Ordering data

<b>Version</b>	
	Dark beige Wemid
	Blue Wemid
<b>Note</b>	

## Accessories

<b>Pluggable cross-connection</b>	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
<b>End plate / partition</b>	
	Dark beige Wemid
	Blue Wemid
<b>End bracket</b>	
	Dark beige Wemid
<b>Test adapter</b>	
	With assembly peg
<b>Screwdriver</b>	
	Standard
	with „swifty set“ cutting device
<b>Reducing sleeves</b>	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18
<b>Cover</b>	
	With lightning flash symbol
<b>Marking systems</b> (see assortment in catalogue 7)	
	Marking tags
<b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b>	

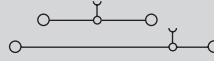
## ZDK 4 -2

4 mm<sup>2</sup>

## Double level terminals



6.1 x 77.6 x 61  
**32 / 6**  
**0.13...6**



IEC 60947-7-1

IEC	UL	CSA
800	600	600
32	25	30
4	AWG 26...10	AWG 26...10
8 / 3		
A3 / V-0		



## Rated connection

0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZDK 4-2	50	8670750000
ZDK 4-2 BL	50	8670850000

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
<b>Width</b>			
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZAP/TW ZDK4-2 BL	2 mm	50	8670620000
<b>Width</b>			
ZEW 35	6 mm	20	9540000000
<b>Width</b>			
ZTA 6/ZA	6.1 mm	25	1780660000
<b>Width</b>			
SD 0.6x3.5x100		1	9008330000
<b>Width</b>			
ZAD 1/4		20	1609110000

DEK 5/6

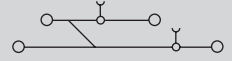
## ZDK 4-2 V

4 mm<sup>2</sup>

## Vertically cross-connected double level terminal



6.1 x 77.6 x 61  
**32 / 6**  
**0.13...6**



IEC 60947-7-1

IEC	UL	CSA
800	600	600
32	25	30
4	AWG 26...10	AWG 26...10
8 / 3		
A3 / V-0		



## Rated connection

0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZDK 4-2 V	50	8671080000

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
<b>Width</b>			
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZAP/TW ZDK4-2 BL	2 mm	50	8670620000
<b>Width</b>			
ZEW 35	6 mm	20	9540000000
<b>Width</b>			
ZTA 6/ZA	6.1 mm	25	1780660000
<b>Width</b>			
SD 0.6x3.5x100		1	9008330000
<b>Width</b>			
ZAD 1/4		20	1609110000

DEK 5/6

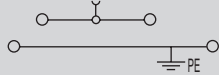
**ZDK 4-2 DU/PE**

4 mm<sup>2</sup>

Phase - PE conductor



6.1 x 77.6 x 61  
**32 / 6**  
**0.13...6**



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
800	600	600
32	25	30
4	AWG 26...10	AWG 26...10
	8 / 3	
	A3 / V-0	



**Rated connection**

0.5...6  
 0.5...4 / 0.5...4  
 10 / 0.6 x 3.5 mm

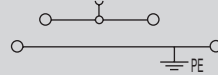
**ZDK 4-2/N/L**

4 mm<sup>2</sup>

Double level terminals



6.1 x 77.6 x 61  
**32 / 6**  
**0.13...6**



IEC 60947-7-1

IEC	UL	CSA
800	600	600
32	25	30
4	AWG 26...10	AWG 26...10
	8 / 3	
	A3 / V-0	



**Rated connection**

0.5...6  
 0.5...4 / 0.5...4  
 10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZDK 4-2/DU-PE	50	8671120000

Type	Qty	Order No.
ZDK 4-2/N/L	50	1905170000

Upper level printed blue

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
	<b>Width</b>		
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZAP/TW ZDK4-2 BL	2 mm	50	8670620000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SD 0.6x3.5x100		1	9008330000
ZAD 1/4		20	1609110000

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
	<b>Width</b>		
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZAP/TW ZDK4-2 BL	2 mm	50	8670620000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SD 0.6x3.5x100		1	9008330000
ZAD 1/4		20	1609110000

DEK 5/6

DEK 5/6

## Double / Multilevel terminals

## Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

<b>Rated data</b>	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
<b>Note</b>	

## Ordering data

<b>Version</b>	green/yellow Wemid
<b>Note</b>	

## Accessories

<b>End plate / partition</b>	Dark beige Wemid
<b>End bracket</b>	Dark beige Wemid
<b>Test adapter</b>	With assembly peg
<b>Screwdriver</b>	Standard
<b>Reducing sleeves</b>	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

**Marking systems** (see assortment in catalogue 7)  
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

## ZDK 2.5-2 PE

 2.5 mm<sup>2</sup>

## Four connections



5.1 x 72.5 x 56	
/ 4	
<b>0.05...4</b>	

IEC 60947-7-2

IEC	UL	CSA
2.5	AWG 30...12	AWG 30...12
800		
8		
	300 A (2.5 mm <sup>2</sup> )	
	3	
	A2 / V-0	



## Rated connection

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDK 2.5-2PE	50	1791010000

Type	Width	Qty	Order No.
ZAP/TW ZDK2.5-2	2 mm	20	1791050000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.5x3.0x80		1	9008320000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5

## ZDK 4-2 PE

 4 mm<sup>2</sup>

## Four connections



6.1 x 77.6 x 61	
/ 6	
<b>0.13...6</b>	

IEC 60947-7-2

IEC	UL	CSA
4	AWG 26...10	AWG 26...10
800		
8		
	480 A (4 mm <sup>2</sup> )	
	3	
	A3 / V-0	



## Rated connection

0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZDK 4-2 PE	50	8671050000

Type	Width	Qty	Order No.
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZEW 35	6 mm	20	9540000000
ZTA 6/ZA	6.1 mm	25	1780660000
SD 0.6x3.5x100		1	9008330000

DEK 5/6

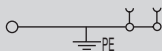
**ZPE 16-2/1AN**

**16 mm<sup>2</sup>**

Supply terminal - PE



12 x 65 x 51.5  
/ 25  
1.5...25



IEC 60947-7-2

IEC	UL	CSA
16	AWG 14...4	AWG 14...4
800		
8		
	1920 A (16 mm <sup>2</sup> )	
	3	
	A7 / V-0	



**Rated connection**

1.5...10 / 16...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

Type	Qty	Order No.
ZPE 16-2/1AN	20	1772960000

Type	Width	Qty	Order No.
ZAP/Z...16-2/1AN	2.5 mm	10	1772970000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

DEK 5/8

The plug-in cross-connections ZQV 2.5/.. , ZQV 4/... and ZQV 6/... can be used.

D



## Test-disconnect terminals

### Standard model and Roof-style

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
	Without isolator, Dark beige Wemid
Note	

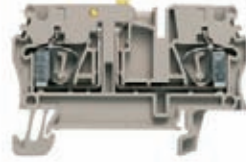
### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Holder for cartridge fuse, 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max, 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Test adapter	
	Standard
	With assembly peg
Disconnect plug	
	yellow Wemid
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### ZTR 2.5

2.5 mm<sup>2</sup>

#### Two connections



5.1 x 59.5 x 41.5	
<b>20 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1

IEC	UL	CSA
500	600	600
20	20	20
2.5	AWG 30...12	AWG 30...12
	6 / 3	
	A3 / V-0	

#### Rated connection

0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZTR 2.5	100	<b>1831280000</b>
ZTR 2.5 BL	100	<b>8731710000</b>
ZTR 2.5/O.TNHE	100	<b>1831130000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
		Width	
ZAP/TW 1	2 mm	50	<b>1608740000</b>
		Width	
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
		Width	
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
SIHA 3/G20	6 mm	25	<b>7921560000</b>
SIHA 3/G20/LD 10-36V	6 mm	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	6 mm	25	<b>7921600000</b>
		Width	
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>
		Width	
ZTA 1	5.1 mm	25	<b>1609040000</b>
ZTA 1/ZA	5.1 mm	25	<b>1609050000</b>
		Width	
TNST		50	<b>1833090000</b>

DEK 5/5 / WS 10/5

If the disconnection lever is replaced by the SIHA 3, this creates a fuse terminal.

### ZTR 2.5/3AN

2.5 mm<sup>2</sup>

#### Three connections



5.1 x 79.5 x 41.5	
<b>20 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1

IEC	UL	CSA
500	600	600
20	20	20
2.5	AWG 30...12	AWG 26...12
	6 / 3	
	A3 / V-0	

UL

#### Rated connection

0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZTR 2.5/3AN	100	<b>8731720000</b>
ZTR 2.5/3AN BL	100	<b>8731730000</b>
ZTR 2.5/3AN/O.TNHE	100	<b>8728450000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
		Width	
ZAP/TW 3	2 mm	50	<b>1608800000</b>
		Width	
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
		Width	
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
SIHA 3/G20	6 mm	25	<b>7921560000</b>
SIHA 3/G20/LD 10-36V	6 mm	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	6 mm	25	<b>7921600000</b>
		Width	
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>
		Width	
ZTA 1	5.1 mm	25	<b>1609040000</b>
ZTA 1/ZA	5.1 mm	25	<b>1609050000</b>
		Width	
TNST		50	<b>1833090000</b>

DEK 5/5 / WS 10/5

If the disconnection lever is replaced by the SIHA 3, this creates a fuse terminal.

**ZTR 2.5/4AN**

**2.5 mm<sup>2</sup>**

Four connections

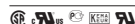


5.1 x 82.5 x 39.1  
**16 / 2.5**  
**0.05...2.5**



IEC 60947-7-1

IEC	UL	CSA
400	300	300
16	10	10
2.5	AWG 30...12	AWG 26...12
6 / 3		
A2 / V-0		



**Rated connection**

0.5...2.5  
 0.5...2.5 / 0.5...1.5  
 10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZTR 2.5/4AN	100	<b>7920900000</b>
ZTR 2.5/4AN BL	100	<b>7920930000</b>
ZTR 2.5/4AN/O.TNHE	100	<b>7920950000</b>

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
<b>Width</b>			
ZAP/TW 3	2 mm	50	<b>1608800000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
SIHA 3/G20	6 mm	25	<b>7921560000</b>
SIHA 3/G20/LD 10-36V	6 mm	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	6 mm	25	<b>7921600000</b>
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>
TNST		50	<b>1833090000</b>

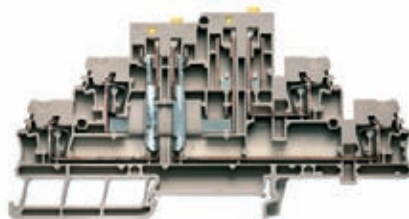
DEK 5/5 / WS 10/5

If the disconnection lever is replaced by the SIHA 3, this creates a fuse terminal.

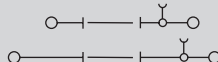
**ZDTR 2.5**

**2.5 mm<sup>2</sup>**

Four connections



5.1 x 117 x 63  
**16 / 4**  
**0.13...4**



IEC 60947-7-1

IEC	UL	CSA
400	300	300
16	10	10
2.5	AWG 26...12	AWG 26...12
6 / 3		
A2 / V-0		



**Rated connection**

0.5...4  
 0.5...4 / 0.5...2.5  
 10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDTR 2.5	20	<b>1745400000</b>
ZDTR 2.5 BL	20	<b>1798330000</b>

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	<b>1693800000</b>
ZQV 2.5N/3 GE	24 A	60	<b>1693810000</b>
ZQV 2.5N/4 GE	24 A	60	<b>1693820000</b>
ZQV 2.5N/10 GE	24 A	20	<b>1693880000</b>
<b>Width</b>			
AP ZDTR2.5	1.5 mm	20	<b>1745420000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
SIHA 2/G20	6 mm	25	<b>9537600000</b>
SIHA 2/G20 10-36V	6 mm	25	<b>9537610000</b>
SIHA 2/G20 140-250V	6 mm	25	<b>9537640000</b>
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>

DEK 5/5

If the disconnection lever is replaced by the SIHA 2, this creates a fuse terminal.

## Test-disconnect terminals

### Standard model and Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
	Without isolator, Dark beige Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Holder for cartridge fuse, 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max, 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	yellow Wemid

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

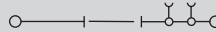
### ZTR 2.5-2

2.5 mm<sup>2</sup>

Two connections



5.1 x 50.5 x 44  
**21 / 2.5**  
**0.13...2.5**



IEC 60947-7-1

IEC	UL	CSA
400	300	300
10	10	10
2.5	AWG 26...12	AWG 26...12
	6 / 3	
	A2 / V-0	



#### Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZTR 2.5-2	100	1779010000
ZTR 2.5-2 BL	100	1779120000
ZTR 2.5-2/O.TNHE	100	1779020000

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000

Width			
ZAP/TW7	2.5 mm	50	1706110000

ZEW 35	6 mm	20	9540000000
--------	------	----	------------

SD 0.6x3.5x100	1	9008330000
----------------	---	------------

SIHA 3/G20	6 mm	25	7921560000
SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
SIHA 3/G20/LD 140-250V	6 mm	25	7921600000

BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000

TNST	50	1833090000
------	----	------------

DEK 5/5 / WS 14/5

If the disconnection lever is replaced by the SIHA 2, this creates a fuse terminal.

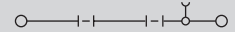
### ZTR 6-2

6 mm<sup>2</sup>

2 connections



8.1 x 70 x 50.5  
**30 / 10**  
**0.05...10**



IEC	UL	CSA
800		
30		
6		
	8 / 3	
	A5 / V-0	

#### Rated connection

0.5...10 / 0.5...6
0.5...6 / 0.5...6
12 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZTR 6-2	50	1023830000

End plate (Article: 1771440000 ZAP ZDU6-2) included in scope of delivery.

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000

Width			
ZAP ZDU6-2	2.5 mm	50	1771440000

ZEW 35	6 mm	20	9540000000
--------	------	----	------------

SDI 0,6x3,5x100	1	9008390000
-----------------	---	------------

Roof-style

ZTR 6-2 E

6 mm<sup>2</sup>

Operation mode

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

16.2 x 70 x 50.5
<b>20 / 10</b>
<b>0.05...10</b>



Technical data

Rated data	
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA
20	20	20
6		
	8 / 3	
	A5 / V-0	

Rated connection	
0.5...10 / 0.5...6	
0.5...6 / 0.5...6	
12 / 0.6 x 3.5 mm	
Note	

Ordering data

Version	
	Dark beige Wemid, 230 V UC
	Dark beige Wemid, 24 V DC
Note	

Type	Qty	Order No.
ZTR 6-2 E / 230V UC	10	<b>8817930000</b>
ZTR 6-2 E / 24V DC	10	<b>8817920000</b>
End plate (Article: 1771440000 ZAP ZDU6-2) included in scope of delivery.		

Accessories

<b>End plate / partition</b>	Dark beige Wemid
<b>End bracket</b>	Dark beige Wemid
<b>Test adapter</b>	With assembly peg
<b>Screwdriver</b>	Standard

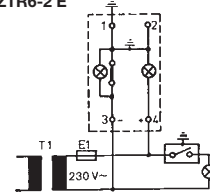
Type	Width	Qty	Order No.
ZAP ZDU6-2	2.5 mm	50	<b>1771440000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
ZTA 7/ZA	8.1 mm	25	<b>1780670000</b>
SDI 0,6x3,5x100		1	<b>9008390000</b>

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section

Operating mode

ZTR6-2 E

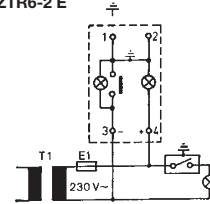


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

Test position

When measuring insulation resistance with voltages greater than UNom, the earth connection must first be disconnected.

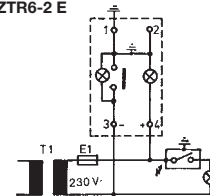
ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than UNom, the earth connection must be disconnected.

Operational malfunction

ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

## Fuse terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>




### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	400 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
End plate / partition	
	Dark beige Wemid
	Dark beige Wemid
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20mm (IEC 60127-2)	
	0,25 A fast
	0,50 A fast
	1,00 A fast
	2,00 A fast
G25 with indicator / imperial (inch) fuse	
	0,50 A medium slow / 2 A
	1,00 A medium slow / 3 A
	2,00 A fast / 5 A
	4,00 A fast / 10 A

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## ZSI 2.5

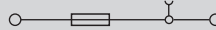
2.5 mm<sup>2</sup>

For metric fuses 5 x 20



7.9 x 79.5 x 74

**6.3 / 4**  
**0.13...4**



IEC 60947-7-3

IEC	UL	CSA
500	600	600
6.3	10	15
2.5	AWG 26...12	AWG 26...12
6 / 3		
A3 / V-0		



**Rated connection**

0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Type	Qty	Order No.
ZSI 2.5	50	1616400000
ZSI 2.5/LD 28AC	50	1616440000
ZSI 2.5/LD 60AC	50	1616430000
ZSI 2.5/LD 120AC	50	1616420000
ZSI 2.5/LD 250AC	50	1616410000

For fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.

## ZSI 2.5/5x25

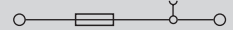
2.5 mm<sup>2</sup>

For metric fuses 5 x 25



7.9 x 79.5 x 74

**6.3 / 4**  
**0.13...4**



IEC 60947-7-3

IEC	UL	CSA
500	600	600
6.3	10	15
2.5	AWG 26...12	AWG 26...12
6 / 3		
A3 / V-0		



**Rated connection**

0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Type	Qty	Order No.
ZSI 2.5/5X25	50	1730900000

For fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000

Width			
ZAP/TW 3	2 mm	50	1608800000
ZAP TNHE/ZSI2.5		25	1610840000

SD 0.6x3.5x100		1	9008330000
----------------	--	---	------------

G 20/0.25A/F	10	0430500000
G 20/0.50A/F	10	0430600000
G 20/1.00A/F	10	0430700000
G 20/2.00A/F	10	0430900000

G 25/0.50A/M WS	10	0510300000
G 25/1.00A/M RT	10	0265800000
G 25/2.00A/F BL	10	0192700000
G 25/4.00A/F BR	10	0192800000

DEK 5/5 / WS 10/5
-------------------

Status display using a bi-directional LED.

ZSI 2.5/2

2.5 mm<sup>2</sup>

For imperial fuses



12.2 x 79.5 x 74

12 / 4

0.13...4



IEC 60947-7-3

IEC	UL	CSA
500	600	600
12	16	15
2.5	AWG 26...12	AWG 26...12
6 / 3		
A3 / V-0		



Rated connection

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Type	Qty	Order No.
ZSI 2.5/2 500AC	10	1616460000
ZSI 2.5/2/LD 28AC	10	1616470000
ZSI 2.5/2/LD 60AC	10	1616480000
ZSI 2.5/2/LD 120AC	10	1616490000
ZSI 2.5/2/LD 250AC	10	1616500000

For fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.

Type	current	Qty	Order No.
ZQS 2.5/2	10 A	20	1633200000
ZQS 2.5/3	10 A	20	1633210000
ZQS 2.5/4	10 A	20	1633220000

Width

ZAP TNHE/ZSI2.5	25	1610840000
-----------------	----	------------

SD 0.6x3.5x100	1	9008330000
----------------	---	------------

GZ 10.0A	10	0293900000
----------	----	------------

DEK 5/5 / WS 10/5

Status display using a bi-directional LED. With use of inch fuse cartridges

## Fuse terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	400 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
End plate / partition	
	End plate, Wemid
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20mm (IEC 60127-2)	
	0,25 A fast
	0,50 A fast
	1,00 A fast
	2,00 A fast
G25 with indicator / imperial (inch) fuse	
	0,50 A medium slow / 2 A
	1,00 A medium slow / 3 A
	2,00 A fast / 5 A
	4,00 A fast / 10 A

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	


## ZSI 2.5 2x2 AN

2.5 mm<sup>2</sup>

For metric fuses 5 x 20 / 5 x 25



12.2 x 68 x 55	
<b>10 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-3		
IEC	UL	CSA
500	300	300
10	10	10
2.5	AWG 26...12	AWG 26...12
4 / 3		
A3 / V-0		
		
Rated connection	Further connection	
0.5...4	0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm	
The rated voltage of the fuse must not be exceeded. UL & CSA D = 600 V / 5 A		

Type	Qty	Order No.
ZSI 2.5-2/2X2AN/G20	20	1826050000
ZSI 2.5-2/2X2AN/G20/LD1	20	1867440000
ZSI 2.5-2/2X2AN/G20/LD2	20	1867430000
ZSI 2.5-2/2X2AN/G20/LD3	20	1867420000
ZSI 2.5-2/2X2AN/G20/LD4	20	1879730000
G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25 G25 LED types on request		

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
Width			
ZAP ZDU6-2 SW	2.5 mm	50	1814710000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.50A/F		10	0430600000
G 20/1.00A/F		10	0430700000
G 20/2.00A/F		10	0430900000
G 25/0.50A/M WS		10	0510300000
G 25/1.00A/M RT		10	0265800000
G 25/2.00A/F BL		10	0192700000
G 25/4.00A/F BR		10	0192800000

DEK 5/5 / WS 10/5	Status indication via neon lamp.
-------------------	----------------------------------


## ZSI 6-2

6 mm<sup>2</sup>

For metric fuses 5 x 20 / 5 x 25



12.2 x 65 x 55	
<b>10 / 10</b>	
<b>0.13...10</b>	

IEC 60947-7-3		
IEC	UL	CSA
500	300	300
10	10	10
6	AWG 26...8	AWG 26...8
4 / 3		
A3 / V-0		
		
Rated connection	Further connection	
0.5...10	0.5...10 / 0.5...6	
0.5...10 / 0.5...6	0.5...10 / 0.5...6	
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm	
The rated voltage of the fuse must not be exceeded. Acc. to UL 600 V / 5 A. A3 terminal points AWG 26-12, A5 terminal points AWG 20-8		

Type	Qty	Order No.
ZSI 6-2 2X2.5/G20	20	1820930000
ZSI 6-2 2X2.5/G20/LD1	20	1867500000
ZSI 6-2 2X2.5/G20/LD2	20	1867490000
ZSI 6-2 2X2.5/G20/LD3	20	1867480000
ZSI 6-2 2X2.5/G20/LD4	20	1879750000
G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25 G25 LED types on request		

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
Width			
ZAP ZDU6-2 SW	2.5 mm	50	1814710000
SD 0.8x4.0x100		1	9008340000
G 20/0.25A/F		10	0430500000
G 20/0.50A/F		10	0430600000
G 20/1.00A/F		10	0430700000
G 20/2.00A/F		10	0430900000
G 25/0.50A/M WS		10	0510300000
G 25/1.00A/M RT		10	0265800000
G 25/2.00A/F BL		10	0192700000
G 25/4.00A/F BR		10	0192800000

DEK 5/5 / WS 10/5	Status indication via neon lamp.
-------------------	----------------------------------

ZSI 6-2/FC

6 mm<sup>2</sup>

For car fuses



8.1 x 70 x 54.5

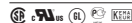
30 / 10

0.33...10



IEC 60947-7-3 / DIN 72581-3

IEC	UL	CSA
250	300	300
30	30	25
6	AWG 22...10	AWG 22...10
	6 / 3	
	A5 / V-0	



Rated connection	Further connection
0.5...10	
0.5...10 / 0.5...6	
10 / 4.0 x 0.8 mm	

If large conductor cross-sections are used, the thermal power loss of the fuses is better dissipated.

Type	Qty	Order No.
ZSI 6-2/FC	25	1814690000
ZSI 6-2/FC LD	25	1814700000

Continuous current at fuse max. 80% IN; For the cartridge fuse holder the rated voltage is 250 V, and the rated impulse withstand voltage 4 kV.

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
<b>Width</b>			
ZAP ZDU6-2 SW	2.5 mm	50	1814710000
SD 0.8x4.0x100		1	9008340000

DEK 5/6 / WS 12/6

Status display using a bi-directional LED. With use of Pudenz fuses For ordering data on fuse cartridges, refer to page D.141.

D



## Installation terminals

N-cross-connections with busbar system 10 x 3 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
Mounting plate for 10 x 3 (required every 20 cm)	
	Blue Wemid
	For a vertical installation position
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard

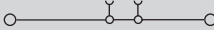
Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## ZDU 2.5 S

2.5 mm<sup>2</sup>

Two connections



5.1 x 61 x 44	
<b>24 / 4</b>	
<b>0.5...4</b>	

IEC 60947-7-1		
IEC	UL	CSA
400		
24		
2.5		
	6 / 3	
	A2 / V-0	
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).		

Type	Qty	Order No.
ZDU 2.5 S	100	1808010000
ZDU 2.5 S BL	100	1808020000
Spacing between mounting plates should be 200mm.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP ZDU 2.5 S	2 mm	20	1808030000
ZAP ZDU 2.5 S BL	2 mm	20	1808040000
ZHP S	3 mm	20	1808290000
ZHP S SO	3 mm	20	1808280000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000

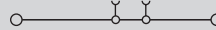
DEK 5/5 / WS 10/5
-------------------

## ZDU 4 S

4 mm<sup>2</sup>

Two connections



6.1 x 64.2 x 45.2	
<b>32 / 6</b>	
<b>0.5...6</b>	

IEC 60947-7-1		
IEC	UL	CSA
400		
32		
4		
	6 / 3	
	A3 / V-0	
Rated connection		
0.5...6		
0.5...4 / 0.5...4		
10 / 0.6 x 3.5 mm		
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).		

Type	Qty	Order No.
ZDU 4 S	100	1808360000
ZDU 4 S BL	100	1808370000
Spacing between mounting plates should be 200mm.		

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP ZDU 4 S	2 mm	20	1808380000
ZAP ZDU 4 S BL	2 mm	20	1808390000
ZHP S	3 mm	20	1808290000
ZHP S SO	3 mm	20	1808280000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 10/6
-------------------

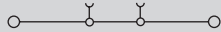
**ZDU 6S**

**6 mm<sup>2</sup>**

Two connections



8.1 x 64.35 x 49.2  
**41 / 10**  
**0.5...10**



IEC 60947-7-1

IEC	UL	CSA
400		
41		
6		
	6 / 3	
	A5 / V-0	



**Rated connection**

0.5...10  
 0.5...10 / 0.5...6  
 12 / 0.6 x 3.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty	Order No.
ZDU 6 S	100	<b>1808230000</b>
ZDU 6 S BL	100	<b>1808240000</b>

Spacing between mounting plates should be 200mm.

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	<b>1627850000</b>
ZQV 6/3 GE	41 A	60	<b>1627860000</b>
ZQV 6/4 GE	41 A	60	<b>1627870000</b>
ZQV 6/24 GE	41 A	10	<b>1908990000</b>
	Width		
ZAP ZDU 6 S	2 mm	20	<b>1808250000</b>
ZAP ZDU 6 S BL	2 mm	20	<b>1808260000</b>
ZHP S	3 mm	20	<b>1808290000</b>
ZHP S SO	3 mm	20	<b>1808280000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.8x4.0x100		1	<b>9008340000</b>

DEK 5/8 / WS 10/6

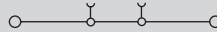
**ZDU 10/S**

**10 mm<sup>2</sup>**

Two connections



10 x 86.5 x 48.5  
**76 / 16**  
**1.3...16**



IEC 60947-7-1

IEC	UL	CSA
400	300	300
57	60	55
10	AWG 16...6	AWG 16...6
	6 / 3	
	A6 / V-0	



**Rated connection**

1.5...16 / 1.5...16  
 1.5...10 / 1.5...10  
 18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty	Order No.
ZDU 10S	25	<b>1739540000</b>
ZDU 10S BL	25	<b>1739550000</b>

Spacing between mounting plates should be 200mm.

Type	current	Qty	Order No.
ZQV 10/2	17.5 A	25	<b>1739680000</b>
ZAP ZDU10/16S	2 mm	20	<b>1739660000</b>
ZHP Z/W BL	3 mm	20	<b>1745180000</b>
ZHP Z/W SO	5 mm	20	<b>1781070000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>

DEK 5/5

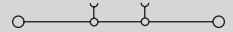
**ZDU 16/S**

**16 mm<sup>2</sup>**

Two connections



12 x 95 x 48.5  
**76 / 25**  
**1.5...25**



IEC 60947-7-1

IEC	UL	CSA
400	600	300
76	65	65
16	AWG 14...4	AWG 14...4
	6 / 3	
	A7 / V-0	



**Rated connection**

1.5...16 / 16...25  
 1.5...16 / 1.5...16  
 18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty	Order No.
ZDU 16S	25	<b>1739580000</b>
ZDU 16S BL	25	<b>1739590000</b>

Spacing between mounting plates should be 200mm.

Type	current	Qty	Order No.
ZQV 16/2	76 A	25	<b>1739690000</b>
ZAP ZDU10/16S	2 mm	20	<b>1739660000</b>
ZHP Z/W BL	3 mm	20	<b>1745180000</b>
ZHP Z/W SO	5 mm	20	<b>1781070000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>

DEK 5/5

## Installation terminals

N-cross-connections with busbar system 10 x 3 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>




### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	Dark beige Wemid Blue Wemid
Note	

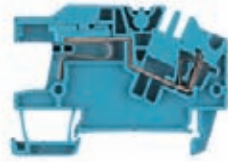
### Accessories


Pluggable cross-connection	
	2-pole 3-pole 4-pole 10-pole 20-/24-pole
End plate / partition	
	Dark beige Wemid Blue Wemid
Mounting plate for 10 x 3 (required every 20 cm)	
	Blue Wemid For a vertical installation position
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
	OK, Busbar up to OK, TS35 = 25,5 mm
Clamping yoke for power supply to 10 x 3 busbars	
	Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup> rigid / flexible 6 - 16 mm <sup>2</sup> Flexible 16 - 35 mm <sup>2</sup>
Marking systems	
	(see assortment in catalogue 7) Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	


## ZNT 2.5 S

2.5 mm<sup>2</sup>

### Two connections



5.1 x 62.5 x 44	
<b>24 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1		
IEC	UL	CSA
250		
24		
2.5		
	4 / 3	
	A2 / V-0	
		
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).		

Type	Qty	Order No.
ZNT 2.5 S	100	<b>1808300000</b>
Spacing between mounting plates should be 200mm.		

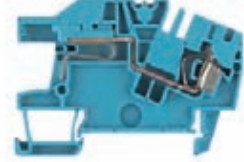
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	<b>1608860000</b>
ZQV 2.5/3	24 A	60	<b>1608870000</b>
ZQV 2.5/4	24 A	60	<b>1608880000</b>
ZQV 2.5/10	24 A	20	<b>1608940000</b>
ZQV 2.5/20	24 A	20	<b>1908960000</b>
Width			
ZAP ZDU 2.5 S	2 mm	20	<b>1808030000</b>
ZAP ZDU 2.5 S BL	2 mm	20	<b>1808040000</b>
ZHP S	3 mm	20	<b>1808290000</b>
ZHP S SO	3 mm	20	<b>1808280000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4K BL	6 mm	50	<b>0475380000</b>
ZB 16K BL	10 mm	50	<b>0502880000</b>
ZB 35K BL M6X16	14 mm	20	<b>0502680000</b>
Width			
ZAP ZDU 4 S	2 mm	20	<b>1808380000</b>
ZAP ZDU 4 S BL	2 mm	20	<b>1808390000</b>
ZHP S	3 mm	20	<b>1808290000</b>
ZHP S SO	3 mm	20	<b>1808280000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4K BL	6 mm	50	<b>0475380000</b>
ZB 16K BL	10 mm	50	<b>0502880000</b>
ZB 35K BL M6X16	14 mm	20	<b>0502680000</b>
Width			
ZAP ZDU 2.5 S	2 mm	20	<b>1808030000</b>
ZAP ZDU 2.5 S BL	2 mm	20	<b>1808040000</b>
ZHP S	3 mm	20	<b>1808290000</b>
ZHP S SO	3 mm	20	<b>1808280000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4K BL	6 mm	50	<b>0475380000</b>
ZB 16K BL	10 mm	50	<b>0502880000</b>
ZB 35K BL M6X16	14 mm	20	<b>0502680000</b>
Width			
ZAP ZDU 4 S	2 mm	20	<b>1808380000</b>
ZAP ZDU 4 S BL	2 mm	20	<b>1808390000</b>
ZHP S	3 mm	20	<b>1808290000</b>
ZHP S SO	3 mm	20	<b>1808280000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4K BL	6 mm	50	<b>0475380000</b>
ZB 16K BL	10 mm	50	<b>0502880000</b>
ZB 35K BL M6X16	14 mm	20	<b>0502680000</b>
Width			
ZAP ZDU 2.5 S	2 mm	20	<b>1808030000</b>
ZAP ZDU 2.5 S BL	2 mm	20	<b>1808040000</b>
ZHP S	3 mm	20	<b>1808290000</b>
ZHP S SO	3 mm	20	<b>1808280000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4K BL	6 mm	50	<b>0475380000</b>
ZB 16K BL	10 mm	50	<b>0502880000</b>
ZB 35K BL M6X16	14 mm	20	<b>0502680000</b>
Width			
ZAP ZDU 4 S	2 mm	20	<b>1808380000</b>
ZAP ZDU 4 S BL	2 mm	20	<b>1808390000</b>
ZHP S	3 mm	20	<b>1808290000</b>
ZHP S SO	3 mm	20	<b>1808280000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4K BL	6 mm	50	<b>0475380000</b>
ZB 16K BL	10 mm	50	<b>0502880000</b>
ZB 35K BL M6X16	14 mm	20	<b>0502680000</b>

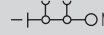
DEK 5/5 / WS 10/5
-------------------


## ZNT 4 S

4 mm<sup>2</sup>

### Two connections



6.1 x 65.5 x 45.2	
<b>32 / 6</b>	
<b>0.5...6</b>	

IEC 60947-7-1		
IEC	UL	CSA
250		
32		
4		
	4 / 3	
	A3 / V-0	
		
Rated connection		
0.5...6		
0.5...4 / 0.5...4		
10 / 0.6 x 3.5 mm		
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).		

Type	Qty	Order No.
ZNT 4 S	100	<b>1808310000</b>
Spacing between mounting plates should be 200mm.		

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	<b>1608950000</b>
ZQV 4/3 GE	32 A	60	<b>1608960000</b>
ZQV 4/4 GE	32 A	60	<b>1608970000</b>
ZQV 4/10 GE	32 A	20	<b>1609030000</b>
ZQV 4/20 GE	32 A	20	<b>1909010000</b>
Width			
ZAP ZDU 4 S	2 mm	20	<b>1808380000</b>
ZAP ZDU 4 S BL	2 mm	20	<b>1808390000</b>
ZHP S	3 mm	20	<b>1808290000</b>
ZHP S SO	3 mm	20	<b>1808280000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4K BL	6 mm	50	<b>0475380000</b>
ZB 16K BL	10 mm	50	<b>0502880000</b>
ZB 35K BL M6X16	14 mm	20	<b>0502680000</b>
Width			
ZAP ZDU 4 S	2 mm	20	<b>1808380000</b>
ZAP ZDU 4 S BL	2 mm	20	<b>1808390000</b>
ZHP S	3 mm	20	<b>1808290000</b>
ZHP S SO	3 mm	20	<b>1808280000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4K BL	6 mm	50	<b>0475380000</b>
ZB 16K BL	10 mm	50	<b>0502880000</b>
ZB 35K BL M6X16	14 mm	20	<b>0502680000</b>
Width			
ZAP ZDU 2.5 S	2 mm	20	<b>1808030000</b>
ZAP ZDU 2.5 S BL	2 mm	20	<b>1808040000</b>
ZHP S	3 mm	20	<b>1808290000</b>
ZHP S SO	3 mm	20	<b>1808280000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4K BL	6 mm	50	<b>0475380000</b>
ZB 16K BL	10 mm	50	<b>0502880000</b>
ZB 35K BL M6X16	14 mm	20	<b>0502680000</b>
Width			
ZAP ZDU 4 S	2 mm	20	<b>1808380000</b>
ZAP ZDU 4 S BL	2 mm	20	<b>1808390000</b>
ZHP S	3 mm	20	<b>1808290000</b>
ZHP S SO	3 mm	20	<b>1808280000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4K BL	6 mm	50	<b>0475380000</b>
ZB 16K BL	10 mm	50	<b>0502880000</b>
ZB 35K BL M6X16	14 mm	20	<b>0502680000</b>

DEK 5/6 / WS 10/6
-------------------

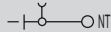
**ZNT 6 S**

**6 mm<sup>2</sup>**

Two connections



8.1 x 64.35 x 49.2  
**41 / 10**  
**0.5...10**



IEC 60947-7-1

IEC	UL	CSA
250		
41		
6		
	4 / 3	
	A5 / V-0	



**Rated connection**

0.5...10  
 0.5...10 / 0.5...6  
 12 / 0.6 x 3.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty	Order No.
ZNT 6 S	50	<b>1808320000</b>
Spacing between mounting plates should be 200mm.		

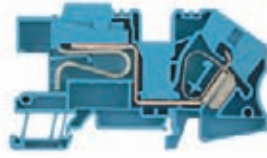
Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	<b>1627850000</b>
ZQV 6/3 GE	41 A	60	<b>1627860000</b>
ZQV 6/4 GE	41 A	60	<b>1627870000</b>
ZQV 6/24 GE	41 A	10	<b>1908990000</b>
<b>Width</b>			
ZAP ZDU 6 S	2 mm	20	<b>1808250000</b>
ZAP ZDU 6 S BL	2 mm	20	<b>1808260000</b>
ZHP S	3 mm	20	<b>1808290000</b>
ZHP S SO	3 mm	20	<b>1808280000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.8x4.0x100		1	<b>9008340000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4K BL	6 mm	50	<b>0475380000</b>
ZB 16K BL	10 mm	50	<b>0502880000</b>
ZB 35K BL M6X16	14 mm	20	<b>0502680000</b>

DEK 5/8 / WS 10/6

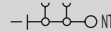
**ZNT 10 S**

**10 mm<sup>2</sup>**

Two connections



10 x 86.5 x 50  
**/ 16**  
**1.3...16**



IEC 60947-7-1

IEC	UL	CSA
400	600	600
57	60	55
10	AWG 16...6	AWG 16...6
	6 / 3	
	A6 / V-0	



**Rated connection**

1.5...16 / 1.5...16  
 1.5...10 / 1.5...10  
 18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty	Order No.
ZNT 10S	25	<b>1739560000</b>
Spacing between mounting plates should be 200mm.		

Type	current	Qty	Order No.
ZQV 16/2	76 A	25	<b>1739690000</b>
ZAP ZDU10/16S	2 mm	20	<b>1739660000</b>
ZHP Z/W BL	3 mm	20	<b>1745180000</b>
ZHP Z/W SO	5 mm	20	<b>1781070000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4K BL	6 mm	50	<b>0475380000</b>
ZB 16K BL	10 mm	50	<b>0502880000</b>
ZB 35K BL M6X16	14 mm	20	<b>0502680000</b>

DEK 5/5

## Installation terminals

N-cross-connections with busbar system 10 x 3 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>




### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

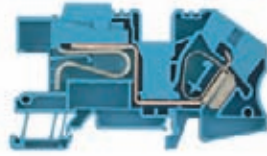
### Accessories

Pluggable cross-connection	
	2-pole 3-pole 4-pole 10-pole 20-/24-pole
End plate / partition	
	Dark beige Wemid Blue Wemid
Mounting plate for 10 x 3 (required every 20 cm)	
	Blue Wemid For a vertical installation position
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
	OK, Busbar up to OK, TS35 = 25,5 mm
Clamping yoke for power supply to 10 x 3 busbars	
	Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup> rigid / flexible 6 - 16 mm <sup>2</sup> Flexible 16 - 35 mm <sup>2</sup>
Marking systems	
	(see assortment in catalogue 7) Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

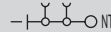
## ZNT 16/S

16 mm<sup>2</sup>

### Two connections



12 x 95 x 50  
**76 / 25**  
**1.5...25**



IEC 60947-7-1

IEC	UL	CSA
400	600	600
76	65	65
16	AWG 14...4	AWG 14...4
6 / 3		
A7 / V-0		



#### Rated connection

1.5...16 / 16...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty	Order No.
ZNT 16S	25	1739600000
Spacing between mounting plates should be 200mm.		

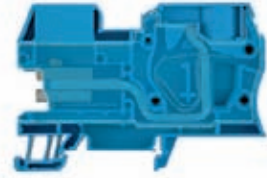
Type	current	Qty	Order No.
ZQV 16/2	76 A	25	1739690000
Width			
ZAP ZDU10/16S	2 mm	20	1739660000
Width			
ZHP Z/W BL	3 mm	20	1745180000
ZHP Z/W SO	5 mm	20	1781070000
Width			
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150		1	9008350000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/5

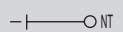
## ZNT 35

35 mm<sup>2</sup>

### Two connections



16 x 88.5 x 59  
**125 / 35**  
**2.5...35**



IEC 60947-7-1

IEC	UL	CSA
400	600	300
125	120	120
35	AWG 12...2	AWG 12...2
6 / 3		
A8 / V-0		



#### Rated connection

2.5...10 / 16...35
2.5...35 / 2.5...35
25 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty	Order No.
ZNT 35	10	1739640000
Spacing between mounting plates should be 200mm.		

Type	Qty	Order No.
Width		
ZHP Z/W BL	3 mm	20
ZHP Z/W SO	5 mm	20
Width		
ZEW 35	6 mm	20
SD 1.0x5.5x150		1
SSCH 10X3X1000 CU/SN	10 mm	1
ZB 4K BL	6 mm	50
ZB 16K BL	10 mm	50
ZB 35K BL M6X16	14 mm	20

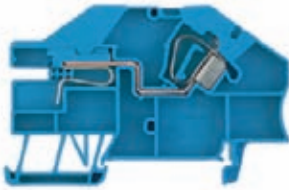
DEK 5/5

End plate is integrated.

**ZDU 4 NT**

4 mm<sup>2</sup>

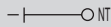
**Modified busbar position**



6.1 x 78.5 x 49.5

32 / 6

0.13...6



IEC 60947-7-1

IEC	UL	CSA
250	300	300
32	10	10
4	AWG 26...10	AWG 26...10
	4 / 3	
	A4 / V-0	



**Rated connection**

0.5...6

0.5...4 / 0.5...4

12 / 0.6 x 3.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty	Order No.
ZDU 4/NT DB	50	1778080000
ZDU 4/NT	50	1757980000

Only for use with ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and their PE variants.

Type	Qty	Order No.
<b>Width</b>		
ZAP ZDU4/NT	1.5 mm 20	1757970000
ZHP ZDU4/NT SO	5 mm 20	1803890000
ZEW 35	6 mm 20	9540000000
SD 0.6x3.5x100	1	9008330000
SSCH 10X3X1000 CU/SN	10 mm 1	0348900000
ZB 4K BL	6 mm 50	0475380000
ZB 16K BL	10 mm 50	0502880000
ZB 35K BL M6X16	14 mm 20	0502680000

DEK 5/5 / WS 15/5

**ZDU 10 NT**

10 mm<sup>2</sup>

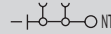
**Modified busbar position**



10 x 86.5 x 50

57 / 16

1.3...16



IEC 60947-7-1

IEC	UL	CSA
250		
57		
10	AWG 16...6	AWG 16...6
	4 / 3	
	A6 / V-0	



**Rated connection**

1.5...10 / 1.5...16

1.5...10 / 1.5...10

18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty	Order No.
ZDU 10/NT	25	1762420000

Only for use with ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and their PE variants.

Type	current	Qty	Order No.
ZQV 10/2	17.5 A	25	1739680000
<b>Width</b>			
ZAP ZDU10/16S	2 mm	20	1739660000
ZHP ZDU4/NT SO	5 mm	20	1803890000
ZEW 35	6 mm	20	9540000000
SD 1.0x5.5x150	1		9008350000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4K BL	6 mm	50	0475380000
ZB 16K BL	10 mm	50	0502880000
ZB 35K BL M6X16	14 mm	20	0502680000

DEK 5/6 / WS 12/5

## Installation terminals

N-cross-connections with busbar system 10 x 3 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	green/yellow Wemid
Note	

### Accessories

<b>End plate / partition</b>	Dark beige Wemid
<b>Mounting plate for 10 x 3 (required every 20 cm)</b>	Blue Wemid For a vertical installation position
<b>End bracket</b>	Dark beige Wemid
<b>Screwdriver</b>	Standard

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## ZPE 2.5 S

2.5 mm<sup>2</sup>

### Two connections



5.1 x 62.5 x 44	
/ 4	
<b>0.5...4</b>	

IEC 60947-7-2

IEC	UL	CSA
400		
2.5		
	6 / 3	
	A2 / V-0	
<b>Rated connection</b>		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).		

Type	Qty	Order No.
ZPE 2.5 S	100	1808330000
Spacing between mounting plates should be 200mm.		

Type	Width	Qty	Order No.
ZAP ZDU 2.5 S	2 mm	20	1808030000
ZHP S	3 mm	20	1808290000
ZHP S SO	3 mm	20	1808280000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 10/5

## ZPE 4 S

4 mm<sup>2</sup>

### Two connections



6.1 x 65.5 x 45.2	
/ 6	
<b>0.5...6</b>	

IEC 60947-7-2

IEC	UL	CSA
400		
4		
	6 / 3	
	A3 / V-0	
<b>Rated connection</b>		
0.5...6		
0.5...4 / 0.5...4		
10 / 0.6 x 3.5 mm		
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).		

Type	Qty	Order No.
ZPE 4 S	100	1808340000
Spacing between mounting plates should be 200mm.		

Type	Width	Qty	Order No.
ZAP ZDU 4 S	2 mm	20	1808380000
ZHP S	3 mm	20	1808290000
ZHP S SO	3 mm	20	1808280000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000

DEK 5/6 / WS 10/6

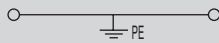
**ZPE 6 S**

**6 mm<sup>2</sup>**

Two connections



8.1 x 65.5 x 49.2  
/ 10  
**0.5...10**



IEC 60947-7-2

IEC	UL	CSA
400		
6		
	6 / 3	
	A5 / V-0	



**Rated connection**

0.5...10  
0.5...10 / 0.5...6  
12 / 0.6 x 3.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty	Order No.
ZPE 6 S	100	<b>1808350000</b>
Spacing between mounting plates should be 200mm.		

Type	Width	Qty	Order No.
ZAP ZDU 6 S	2 mm	20	<b>1808250000</b>
ZHP S	3 mm	20	<b>1808290000</b>
ZHP S SO	3 mm	20	<b>1808280000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

DEK 5/8 / WS 10/6

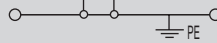
**ZPE 10/S**

**10 mm<sup>2</sup>**

Two connections



10 x 86.5 x 48.5  
/ 16  
**1.3...16**



IEC 60947-7-2

IEC	UL	CSA
400		
10	AWG 16...6	AWG 16...6
	6 / 3	
	A6 / V-0	



**Rated connection**

1.5...16 / 1.5...16  
1.5...10 / 1.5...10  
18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty	Order No.
ZPE 10S	25	<b>1739570000</b>
Spacing between mounting plates should be 200mm.		

Type	Width	Qty	Order No.
ZAP ZDU10/16S	2 mm	20	<b>1739660000</b>
ZHP Z/W BL	3 mm	20	<b>1745180000</b>
ZHP Z/W SO	5 mm	20	<b>1781070000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>

DEK 5/5 / WS 10/5

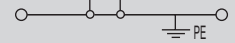
**ZPE 16/S**

**16 mm<sup>2</sup>**

Two connections



12 x 95 x 48  
/ 25  
**1.5...25**



IEC 60947-7-2

IEC	UL	CSA
400		
16	AWG 14...4	AWG 14...4
	6 / 3	
	A7 / V-0	



**Rated connection**

1.5...16 / 16...25  
1.5...16 / 1.5...16  
18 / 1.0 x 5.5 mm

To maintain the current-carrying capacity of the terminal rail, use the TS 35 x 15.

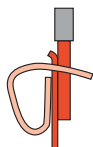
Type	Qty	Order No.
ZPE 16S	25	<b>1739610000</b>
Spacing between mounting plates should be 200mm.		

Type	Width	Qty	Order No.
ZAP ZDU10/16S	2 mm	20	<b>1739660000</b>
ZHP Z/W BL	3 mm	20	<b>1745180000</b>
ZHP Z/W SO	5 mm	20	<b>1781070000</b>
ZEW 35	6 mm	20	<b>9540000000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>

DEK 5/5

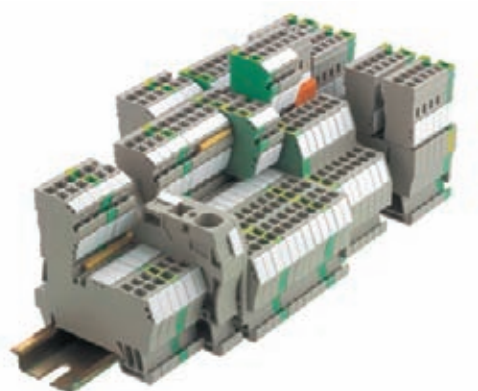


# WeiCoS



## Pluggable terminals with tension clamp

The need was clearly defined: a means of rapidly and correctly connecting prefabricated functional units – such as lamps and door controls, roll back looms and control cabinets – to the existing installation. The solution: Weidmüller's pluggable terminal system.



### D The basic principle is beautifully simple:

One DIN terminal rail for the functional unit and one plug-in connector for producing the cable harness. In the final assembly, the two units are simply snapped into each other – like plug-in connectors. That's all there is to it!

Whether for traffic, mechanical engineering or shipbuilding, Weidmüller's Z series offers all these areas optimum service. It is quick, reliable and simple to connect, ensures trouble-free handling and is practical in system use. Modular and flexible connection technology is required particularly where entire functional units are to be prefabricated or re-assembled.

This is where WeiCoS comes in – **Weidmüller Connection System** – the new generation of pluggable terminals. Here Weidmüller has attached great importance to cleverly thought out technology.

### The convincing advantages of this technology:

Quick mounting, functional units tested in the factory, quick and easy replacement or on-site re-assembly, of functional units.

### Rational installation of modular components

Modular components form the basic elements of production systems according to the modular principle. They bring dramatic reductions in costly final assembly time and allow for rapid replacement during maintenance and servicing. WeiCoS is tailor-made for these applications.

## Product overview

Rated cross-section	2,5 mm <sup>2</sup>	4 mm <sup>2</sup>
<b>Feed-through terminals</b>		
1 tension clamp connection / 1 pluggable connection	•	•
2 tension clamp connections / 1 pluggable connection	•	
2 tension clamp connections / 2 pluggable connections	•	•
4 pluggable connections	•	
<b>Protective earth terminals</b>		
1 tension clamp connection / 1 pluggable connection	•	•
2 tension clamp connections / 1 pluggable connection	•	
2 tension clamp connections / 2 pluggable connections	•	•
4 pluggable connections	•	
<b>Double level terminals</b>		
Feed-through	•	
Feed-through / protective earth	•	
Protective earth	•	
<b>Test-disconnect terminals</b>		
2 tension clamp connections / 2 pluggable connections	•	
<b>Plug-in connector</b>		
1 tension clamp connection without cross-connection channel	•	•
1 tension clamp connection with cross-connection channel	•	
2 tension clamp connections with cross-connection channel	•	

**1 The tension clamp connection**

The terminal has a tension clamp connector providing galvanic isolation.

- Steel tension clamp provides optimum contact forces
- Copper busbars for minimum through resistance



**2 Pluggable cross-connection**

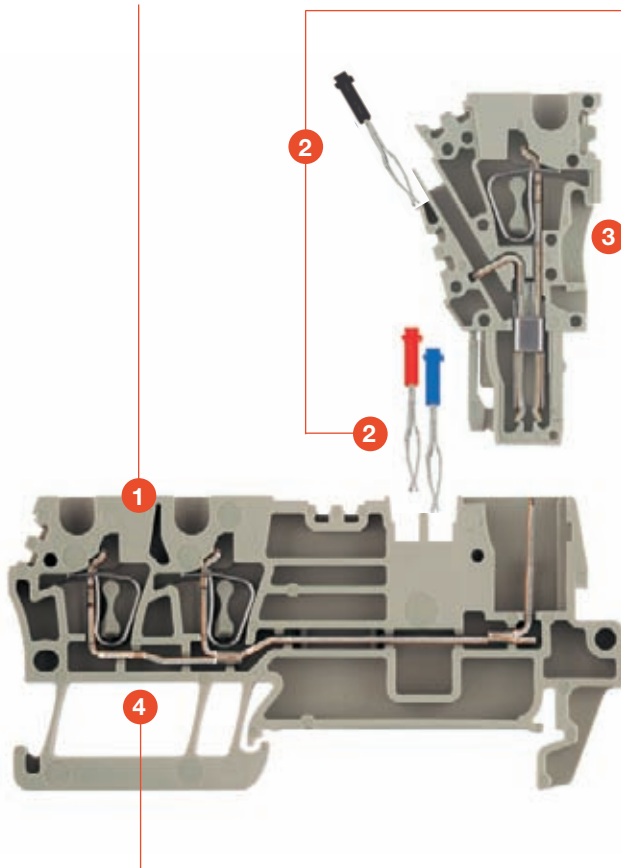
- 2- to 10-pole or “continuous” for individual assembly
- Full rated current
- Breakout poles for alternate terminals
- Up to three potentials possible



**3 The pluggable connection**

The tensioned steel contact is also in accordance with Weidmüller’s principle of separating electrical and mechanical functions for galvanic isolation.

- Maintenance-free connection
- 100 % vibration proof
- High contact forces



**Wemid insulation**

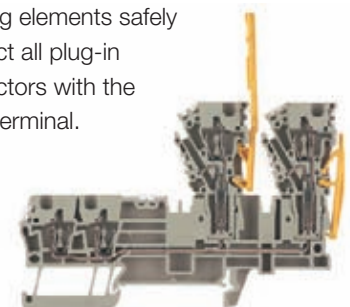
- Resistant to creepage CTI 600
- Temperature resistant up to 120 °C
- Flammability class V0 to UL94
- Halogen and phosphorous free

**Safe contacts**

- Maintenance-free connection for lifelong safe contact
- Gas-proof contact area
- Surface-treated busbar for protection from oxidation
- 100 % vibration proof

**Safe locking**

Locking elements safely connect all plug-in connectors with the basic terminal.



**4 Easy to use**

Practical connection with parallel conductor inset and screwdriver actuation:

- No special tools needed
- Integral test point
- Generous clamping range to IEC 601984



**Supply**

Supply comes from standard Z-Series terminals or a supply terminal e.g. ZEI 16.



## Pluggable standard terminals WeiCoS

### Feed-through terminals

WeiCoS - plug-in modular terminals for conductor cross-sections 0.13 to 4 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
max. voltage of pluggable system	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-

#### Note

### Ordering data

Base terminal	
	Dark beige Wemid
Plug-in connector	
	1-pole
	2-pole
	3-pole
	4-pole
	5-pole
	6-pole
	7-pole
	8-pole
	9-pole
	10-pole
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
	Orange Wemid
Test adapter	
	Standard
	With assembly peg
Miscellaneous accessories, WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

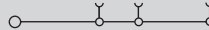
### ZT 2.5/2AN/1

2.5 mm<sup>2</sup>

1 tension clamp conn. / 1 push-on conn.



5.1 x 58 x 35  
24 / 4  
0.13...4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	300
690		
24	20	20
2.5	AWG 26...12	AWG 26...12
6 / 3		
A2 / V-0		



Rated connection	Plug-in connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A

Type	Qty	Order No.
ZT 2.5/2AN/1	50	1815070000
Type		
Type	Qty	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
ZAP/TW ZT2.5/2AN	2.5 mm	50	1816030000
ZAP/TW ZT2.5/2AN OR	2.5 mm	50	1816040000
Type			
Type	current	Qty	Order No.
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000

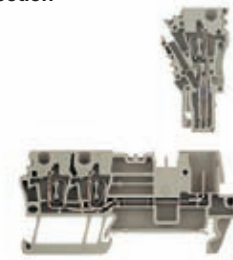
ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000
SD 0.6x3.5x100	1	9008330000

DEK 5/6 / WS 10/5

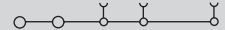
### ZT 2.5/3AN/1

2.5 mm<sup>2</sup>

2 tension clamp connections / 1 push-on connection



5.1 x 71.5 x 35  
24 / 4  
0.13...4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	300
690		
24	20	20
2.5	AWG 26...12	AWG 26...12
6 / 3		
A2 / V-0		



Rated connection	Plug-in connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A

Type	Qty	Order No.
ZT 2.5/3AN/1	50	1815090000
Type		
Type	Qty	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
ZAP/TW ZT2.5/3AN	2.5 mm	50	1816050000
ZAP/TW ZT2.5/3AN OR	2.5 mm	50	1816060000
Type			
Type	current	Qty	Order No.
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000

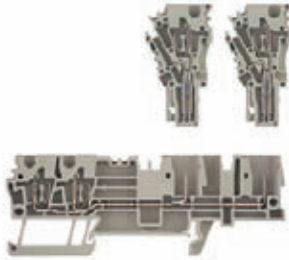
ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000
SD 0.6x3.5x100	1	9008330000

DEK 5/5 / WS 10/5

ZT 2.5/4AN/2

2.5 mm<sup>2</sup>

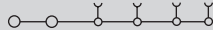
2 tension clamp conn. / 2 push-on conn.



5.1 x 93 x 35

24 / 4

0.13...4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	300
690		
24	20	20
2.5	AWG 26...12	AWG 26...12
6 / 3		
A2 / V-0		



Rated connection	Plug-in connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A

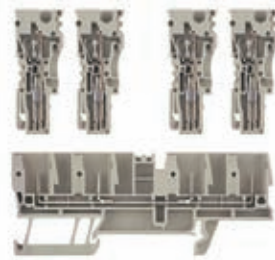
Type	Qty	Order No.
ZT 2.5/4AN/2	50	1815110000
Type	Qty	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
ZAP/TW ZT2.5/4AN/2	2.5 mm	50	1816070000
ZAP/TW ZT2.5/4AN/2 OR	2.5 mm	50	1816080000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5	25	1816130000	
KOSF ZT2.5	50	1816150000	
ZZE ZP2.5	25	1816140000	
SD 0.6x3.5x100	1	9008330000	
DEK 5/5 / WS 10/5			

ZT 2.5/4AN/4

2.5 mm<sup>2</sup>

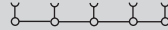
4 push-on connections



5.1 x 85.5 x 35

24 /

...



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	300
690		
24	20	20
2.5	AWG 26...12	AWG 26...12
6 / 3		
/ V-0		



Rated connection	Plug-in connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A

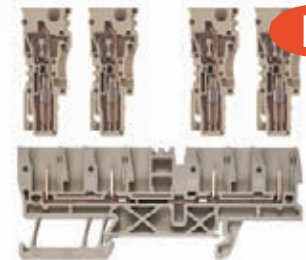
Type	Qty	Order No.
ZT 2.5/4AN/4	50	1815130000
Type	Qty	Order No.
ZP 2.5/1AN/1	50	1815430000
ZP 2.5/1AN/2	25	1815440000
ZP 2.5/1AN/3	25	1815450000
ZP 2.5/1AN/4	25	1815500000
ZP 2.5/1AN/5	25	1815510000
ZP 2.5/1AN/6	25	1815520000
ZP 2.5/1AN/7	25	1815530000
ZP 2.5/1AN/8	20	1815540000
ZP 2.5/1AN/9	20	1815550000
ZP 2.5/1AN/10	20	1815560000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
ZAP/TW ZT2.5/4AN/4	2.5 mm	50	1816090000
ZAP/TW ZT2.5/4AN/4 OR	2.5 mm	50	1816100000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5	25	1816130000	
KOSF ZT2.5	50	1816150000	
ZZE ZP2.5	25	1816140000	
SD 0.6x3.5x100	1	9008330000	
DEK 5/5 / WS 10/5			

ZT 2.5/2x2AN

2.5 mm<sup>2</sup>

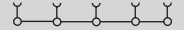
2 x 2 connections



5.1 x x 35

24 /

...



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	300
690		
24	20	20
2.5	AWG 26...12	AWG 26...12
6 / 3		
/ V-0		



Rated connection	Plug-in connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A

Type	Qty	Order No.
ZT 2.5/2x2AN	50	1967200000
Type	Qty	Order No.
ZP 2.5/1AN/1	50	1815430000
ZP 2.5/1AN/2	25	1815440000
ZP 2.5/1AN/3	25	1815450000
ZP 2.5/1AN/4	25	1815500000
ZP 2.5/1AN/5	25	1815510000
ZP 2.5/1AN/6	25	1815520000
ZP 2.5/1AN/7	25	1815530000
ZP 2.5/1AN/8	20	1815540000
ZP 2.5/1AN/9	20	1815550000
ZP 2.5/1AN/10	20	1815560000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
ZAP/TW ZT2.5/4AN/4	2.5 mm	50	1816090000
ZAP/TW ZT2.5/4AN/4 OR	2.5 mm	50	1816100000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5	25	1816130000	
KOSF ZT2.5	50	1816150000	
ZZE ZP2.5	25	1816140000	
SD 0.6x3.5x100	1	9008330000	
DEK 5/5 / WS 10/5			



Feed-through terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

Technical data

Rated data	
Rated voltage	V
max. voltage of pluggable system	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-

Note

Ordering data

Base terminal	
	Dark beige Wemid
Plug-in connector	
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	

Note

Accessories

Pluggable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
20-/24-pole	
End plate / partition	
Dark beige Wemid	
Orange Wemid	
Test adapter	
Standard	
With assembly peg	
Miscellaneous accessories, WeiCoS	
Locking element	
Coding element	
Strain relief	
Screwdriver	
Standard	
Marking systems (see assortment in catalogue 7)	
Marking tags	
For detailed information on other accessories and applications, refer to the „Accessories“ section	

ZT 4/2AN/1

4 mm<sup>2</sup>

1 tension clamp conn. / 1 push-on conn.



6.5 x 58 x 48.5	
<b>32 / 6</b>	
<b>0.13...6</b>	

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
800	600	600
800		
32	28	28
4	AWG 26...10	AWG 26...10
8 / 3		
A3 / V-0		

Rated connection		Plug-in connection	
0.5...6		0.5...4	
0.5...6 / 0.5...4		0.5...6 / 0.5...4	
12 / 0.6 x 3.5 mm		12 / 0.6 x 3.5 mm	

CSA current and voltage according to Gr. C

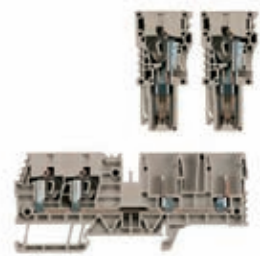
Type	Qty	Order No.
ZT 4/2AN/1	50	1854960000
Type	Qty	Order No.
ZP 4/1AN/1	50	1848340000
ZP 4/1AN/2	25	1854990000
ZP 4/1AN/3	25	1855000000
ZP 4/1AN/4	25	1855010000
ZP 4/1AN/5	20	1855020000
ZP 4/1AN/6	20	1855030000
ZP 4/1AN/7	20	1855040000
ZP 4/1AN/8	20	1855050000
ZP 4/1AN/9	10	1855060000
ZP 4/1AN/10	10	1855070000

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
Width			
ZAP/TW ZT4/2AN		50	1855220000
ZAP/TW ZT4/2AN OR		50	1855230000
Width			
ZVR ZP4		25	1855250000
KOSF ZT4		50	1856860000
ZZE ZP4		25	1855260000
Width			
SD 0.6x3.5x100		1	9008330000
Width			
DEK 5/6 / WS 10/6			

ZT 4/4AN/2

4 mm<sup>2</sup>

2 tension clamp conn. / 2 push-on conn.



6.5 x 100.5 x 48.5	
<b>32 / 6</b>	
<b>0.13...6</b>	

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
800	600	600
800		
32	28	28
4	AWG 26...10	AWG 26...10
8 / 3		
A3 / V-0		

Rated connection		Plug-in connection	
0.5...6		0.5...4	
0.5...6 / 0.5...4		0.5...6 / 0.5...4	
12 / 0.6 x 3.5 mm		12 / 0.6 x 3.5 mm	

CSA current and voltage according to Gr. C

Type	Qty	Order No.
ZT 4/4AN/2	50	1848350000
Type	Qty	Order No.
ZP 4/1AN/1	50	1848340000
ZP 4/1AN/2	25	1854990000
ZP 4/1AN/3	25	1855000000
ZP 4/1AN/4	25	1855010000
ZP 4/1AN/5	20	1855020000
ZP 4/1AN/6	20	1855030000
ZP 4/1AN/7	20	1855040000
ZP 4/1AN/8	20	1855050000
ZP 4/1AN/9	10	1855060000
ZP 4/1AN/10	10	1855070000

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
Width			
ZAP/TW ZT4/4AN/2		50	1848360000
ZAP/TW ZT4/4AN/2 OR		50	1855240000
Width			
ZVR ZP4		25	1855250000
KOSF ZT4		50	1856860000
ZZE ZP4		25	1855260000
Width			
SD 0.6x3.5x100		1	9008330000
Width			
DEK 5/6 / WS 10/6			



## Pluggable standard terminals WeiCoS

### Modular PE terminals

WeiCoS - plug-in modular terminals for conductor cross-sections 0.13 to 4 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
max. voltage of pluggable system	V
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

<b>Base terminal</b>	green/yellow Wemid
<b>Plug-in connector</b>	1-pole
Note	

### Accessories

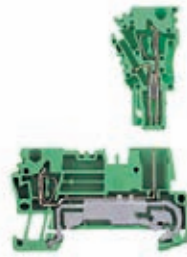
<b>End plate / partition</b>	Dark beige Wemid Orange Wemid
<b>Test adapter</b>	Standard With assembly peg
<b>Miscellaneous accessories, WeiCoS</b>	Locking element Coding element Strain relief
<b>Screwdriver</b>	Standard

<b>Marking systems</b>	(see assortment in catalogue 7) Marking tags
<b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b>	

### ZTPE 2.5/2AN/1

2.5 mm<sup>2</sup>

1 tension clamp conn. / 1 push-on conn.



5.1 x 58 x 35	
/ 4	
0.13...4	

IEC 60947-7-2

IEC	UL	CSA
2.5	AWG 26...12	AWG 26...12
690		
500		
	6	
	300 A (2.5 mm <sup>2</sup> )	
	3	
	A2 / V-0	
Rated connection		Plug-in connection
0.5...4		0.5...4
0.5...4 / 0.5...2.5		0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm
2.5 mm <sup>2</sup> - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A		

Type	Qty	Order No.
ZTPE 2.5/2AN/1	50	1815080000
Type	Qty	Order No.
ZP 2.5/1AN/QV/1 GN	50	1820570000

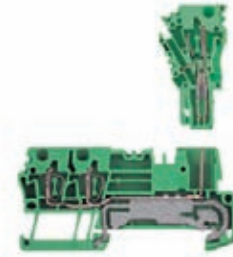
Type	Width	Qty	Order No.
ZAP/TW ZT2.5/2AN	2.5 mm	50	1816030000
ZAP/TW ZT2.5/2AN OR	2.5 mm	50	1816040000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 10/5
-------------------

### ZTPE 2.5/3AN/1

2.5 mm<sup>2</sup>

2 tension clamp connections / 1 push-on connection



5.1 x 71.5 x 35	
/ 4	
0.13...4	

IEC 60947-7-2

IEC	UL	CSA
2.5	AWG 26...12	AWG 26...12
690		
500		
	6	
	300 A (2.5 mm <sup>2</sup> )	
	3	
	A2 / V-0	
Rated connection		Plug-in connection
0.5...4		0.5...4
0.5...4 / 0.5...2.5		0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm
2.5 mm <sup>2</sup> - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A		

Type	Qty	Order No.
ZTPE 2.5/3AN/1	50	1815100000
Type	Qty	Order No.
ZP 2.5/1AN/QV/1 GN	50	1820570000

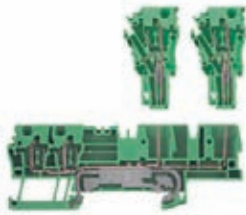
Type	Width	Qty	Order No.
ZAP/TW ZT2.5/2AN	2.5 mm	50	1816030000
ZAP/TW ZT2.5/2AN OR	2.5 mm	50	1816040000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 10/5
-------------------

**ZTPE 2.5/4AN/2**

**2.5 mm<sup>2</sup>**

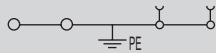
2 tension clamp conn. / 2 push-on conn.



5.1 x 93 x 35

/ 4

**0.13...4**



IEC 60947-7-2

IEC	UL	CSA
2.5	AWG 26...12	AWG 26...12
690		
500		
	6	
	300 A (2.5 mm <sup>2</sup> )	
	3	
	A2 / V-0	



Rated connection	Plug-in connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A

Type	Qty	Order No.
ZTPE 2.5/4AN/2	50	<b>1815120000</b>
Type	Qty	Order No.
ZP 2.5/1AN/QV/1 GN	50	<b>1820570000</b>

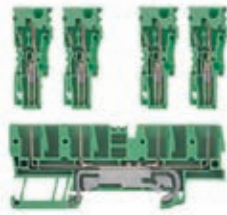
Type	Width	Qty	Order No.
ZAP/TW ZT2.5/2AN	2.5 mm	50	<b>1816030000</b>
ZAP/TW ZT2.5/2AN OR	2.5 mm	50	<b>1816040000</b>
ZTA ZT2.5	5.1 mm	25	<b>1827080000</b>
ZTA ZT2.5/ZA	5.1 mm	25	<b>1847600000</b>
ZVR ZP2.5		25	<b>1816130000</b>
KOSF ZT2.5		50	<b>1816150000</b>
ZZE ZP2.5		25	<b>1816140000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

DEK 5/5 / WS 10/5

**ZTPE 2.5/4AN/4**

**2.5 mm<sup>2</sup>**

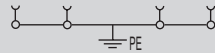
4 push-on connections



5.1 x 85.5 x 35

/ 4

**0.13...4**



IEC 60947-7-2

IEC	UL	CSA
2.5		
690		
500		
	6	
	300 A (2.5 mm <sup>2</sup> )	
	3	
	A2 / V-0	



Rated connection	Plug-in connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A

Type	Qty	Order No.
ZTPE 2.5/4AN/4	50	<b>1815140000</b>
Type	Qty	Order No.
ZP 2.5/1AN/QV/1 GN	50	<b>1820570000</b>

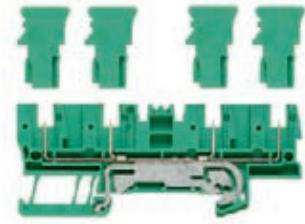
Type	Width	Qty	Order No.
ZAP/TW ZT2.5/2AN	2.5 mm	50	<b>1816030000</b>
ZAP/TW ZT2.5/2AN OR	2.5 mm	50	<b>1816040000</b>
ZTA ZT2.5	5.1 mm	25	<b>1827080000</b>
ZTA ZT2.5/ZA	5.1 mm	25	<b>1847600000</b>
ZVR ZP2.5		25	<b>1816130000</b>
KOSF ZT2.5		50	<b>1816150000</b>
ZZE ZP2.5		25	<b>1816140000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

DEK 5/5 / WS 10/5

**ZTCPE 2.5/4AN/4**

**2.5 mm<sup>2</sup>**

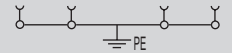
4 push-on connections



5.1 x 85.5 x 45.4

/ 2.5

**0.5...2.5**



IEC	UL	CSA
2.5		
250		
	4	
	300 A (2.5 mm <sup>2</sup> )	
	2	

Rated connection	Plug-in connection
0.5...2.5	0.5...2.5

Type	Qty	Order No.
ZTCPE 2.5/4AN/4	50	<b>1898480000</b>
Type	Qty	Order No.
STGH ZPC2.5 DB	50	<b>2321640000</b>

Type	Width	Qty	Order No.
ZAP/TW ZT2.5/4AN/4	2.5 mm	50	<b>1816090000</b>
ZAP/TW ZT2.5/4AN/4 OR	2.5 mm	50	<b>1816100000</b>

DEK 5/5 / WS 10/5



## Pluggable standard terminals WeiCoS

### Modular PE terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
max. voltage of pluggable system	V
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

#### Clamped conductors (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-

#### Note

### Ordering data

<b>Base terminal</b>	green/yellow Wemid
<b>Plug-in connector</b>	1-pole
<b>Note</b>	

### Accessories

<b>End plate / partition</b>	Dark beige Wemid Orange Wemid
<b>Test adapter</b>	Standard With assembly peg
<b>Miscellaneous accessories, WeiCoS</b>	Locking element Coding element Strain relief
<b>Screwdriver</b>	Standard

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

### ZTPE 4/2AN/1

4 mm<sup>2</sup>

1 tension clamp conn. / 1 push-on conn.



6.5 x 58 x 48.5

/ 6

0.13...6



IEC	UL	CSA
4	AWG 26...10	
800		
800		
	8	
	480 A (4 mm <sup>2</sup> )	
	3	
	A3 / V-0	
Rated connection		Plug-in connection
0.5...6		0.5...4
0.5...6 / 0.5...4		0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm		12 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZTPE 4/2AN/1	50	1854970000
Type	Qty	Order No.
ZP 4/1AN/1 GN	50	1854980000

Type	Width	Qty	Order No.
ZAP/TW ZT4/2AN		50	1855220000
ZAP/TW ZT4/2AN OR		50	1855230000
ZVR ZP4		25	1855250000
KOSF ZT4		50	1856860000
ZZE ZP4		25	1855260000
SD 0.6x3.5x100		1	9008330000

DEK 5/6 / WS 10/6

### ZTPE 4/4AN/2

4 mm<sup>2</sup>

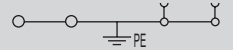
2 tension clamp conn. / 2 push-on conn.



6.5 x 100.5 x 48.5

/ 6

0.13...6



IEC	UL	CSA
4	AWG 26...10	
800		
800		
	8	
	480 A (4 mm <sup>2</sup> )	
	3	
	A3 / V-0	
Rated connection		Plug-in connection
0.5...6		0.5...4
0.5...6 / 0.5...4		0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm		12 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZTPE 4/4AN/2	50	1848330000
Type	Qty	Order No.
ZP 4/1AN/1 GN	50	1854980000

Type	Width	Qty	Order No.
ZAP/TW ZT4/4AN/2		50	1848360000
ZAP/TW ZT4/4AN/2 OR		50	1855240000
ZVR ZP4		25	1855250000
KOSF ZT4		50	1856860000
ZZE ZP4		25	1855260000
SD 0.6x3.5x100		1	9008330000

DEK 5/6 / WS 10/6



## Pluggable standard terminals WeiCoS

### Two-tier modular terminals

WeiCoS - plug-in modular terminals for conductor cross-sections 0.13 to 4 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
max. voltage of pluggable system	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-

#### Note

### Ordering data

Base terminal	
	Dark beige Wemid
Plug-in connector	
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
8-pole	
10-pole	

#### Note

### Accessories

Pluggable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
20-/24-pole	
End plate / partition	
	Dark beige Wemid
Test adapter	
	Standard
	With assembly peg
Miscellaneous accessories, WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard

**Marking systems** (see assortment in catalogue 7)

Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

### ZDT 2.5/2

2.5 mm<sup>2</sup>

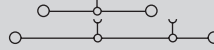
#### Two potentials feasible



5.1 x 80.5 x 52.5

24 / 4

0.13...4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	300
690		
24	20	20
2.5	AWG 26...12	AWG 26...12
6 / 3		
A2 / V-0		



Rated connection	Plug-in connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDT 2.5/2	50	1815150000
Type	Qty	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/10	20	1815280000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000

Width	
ZAP/TW ZDT2.5/2	2.5 mm 50 1816110000

Width	
ZTA ZT2.5	5.1 mm 25 1827080000
ZTA ZT2.5/ZA	5.1 mm 25 1847600000

ZVR ZP2.5	25 1816130000
KOSF ZT2.5	50 1816150000
ZZE ZP2.5	25 1816140000

SD 0.6x3.5x100	1 9008330000
----------------	--------------

DEK 5/5

### ZDT 2.5/2 DU-PE

2.5 mm<sup>2</sup>

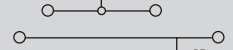
#### Phase - PE conductor



5.1 x 80.5 x 52.5

24 / 4

0.13...4



IEC 60947-7-1 (-7-2) / IEC 61984

IEC	UL	CSA
500	300	300
690		
24	20	20
2.5	AWG 26...12	AWG 26...12
6 / 3		
A2 / V-0		



Rated connection	Plug-in connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDT 2.5/2 DU-PE	50	1815160000
Type	Qty	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/10	20	1815280000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000

Width	
ZAP/TW ZDT2.5/2	2.5 mm 50 1816110000

Width	
ZTA ZT2.5	5.1 mm 25 1827080000
ZTA ZT2.5/ZA	5.1 mm 25 1847600000

ZVR ZP2.5	25 1816130000
KOSF ZT2.5	50 1816150000
ZZE ZP2.5	25 1816140000

SD 0.6x3.5x100	1 9008330000
----------------	--------------

DEK 5/5

## Two-tier modular terminals

WeiCoS - plug-in modular terminals for conductor cross-sections 0.13 to 4 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
max. voltage of pluggable system	V
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

#### Clamped conductors (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-

#### Note

### Ordering data

<b>Version</b>	green/yellow Wemid
<b>Plug-in connector</b>	1-pole
<b>Note</b>	

### Accessories

<b>End plate / partition</b>	Dark beige Wemid
<b>Test adapter</b>	Standard With assembly peg
<b>Miscellaneous accessories, WeiCoS</b>	Locking element Coding element Strain relief
<b>Screwdriver</b>	Standard

<b>Marking systems</b>	(see assortment in catalogue 7) Marking tags
------------------------	-------------------------------------------------

For detailed information on other accessories and applications, refer to the „Accessories“ section

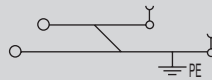
## ZDT 2.5/2 PE

2.5 mm<sup>2</sup>

2 tension clamp conn. / 2 push-on conn.



5.1 x 80.5 x 52.5	
/ 4	
0.13...4	



IEC 60947-7-2

IEC	UL	CSA
2.5	AWG 26...12	AWG 26...12
690		
500		
	6	
	300 A (2.5 mm <sup>2</sup> )	
	3	
	A2 / V-0	



Rated connection	Plug-in connection
0.5...4	0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDT 2.5/2 PE	50	1815170000
Type	Qty	Order No.
ZP 2.5/1AN/QV/1 GN	50	1820570000

Type	Width	Qty	Order No.
ZAP/TW ZDT2.5/2	2.5 mm	50	1816110000
ZTA ZT2.5	5.1 mm	25	1827080000
ZTA ZT2.5/ZA	5.1 mm	25	1847600000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 10/5
-------------------

## Pluggable standard terminals WeiCoS

## Test-disconnect terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


## Technical data

<b>Rated data</b>	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
<b>Note</b>	

## Ordering data

<b>Version</b>	
	Dark beige Wemid
	Without isolator, Dark beige Wemid
<b>Note</b>	

## Accessories

<b>Pluggable cross-connection</b>	
	2-pole
	3-pole
	4-pole
	10-pole
<b>End plate / partition</b>	
	Dark beige Wemid
<b>End bracket</b>	
	Dark beige Wemid
<b>Screwdriver</b>	
	Standard
<b>Testing / Checking</b>	
	Test plug
<b>Holder for cartridge fuse, 5 x 20mm</b>	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
<b>Module connector (max, 250 V)</b>	
	without fittings
	with wire jumper
	With 1N4007 diode
<b>Disconnect plug</b>	
	yellow Wemid

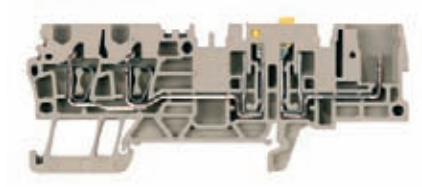
<b>Marking systems</b>	(see assortment in catalogue 7)
	Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

## ZTTR 2.5

2.5 mm<sup>2</sup>

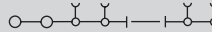
2 tension clamp connections / 1 push-on connection



5.1 x 87 x 36.5

18 / 4

0.13...4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
400	600	600
16	16	16
2.5	AWG 26...12	AWG 26...12
	6 / 3	
	A2 / V-0	



## Rated connection

0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

CSA current and voltage according to Gr. B

Type	Qty	Order No.
ZTTR 2.5	50	1865510000
ZTTR 2.5/O. TNHE	50	1905470000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000

Width			
ZAP/TW ZTTR2.5		50	1865520000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
PS 2.3 RT	5.4 mm	20	0180400000
SIHA 3/G20	6 mm	25	7921560000
SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
SIHA a3/G20/LD 140-250V	6 mm	25	7921600000
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST		50	1833090000

DEK 5/5

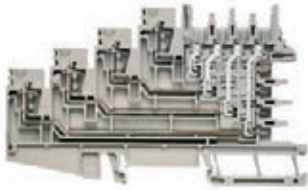
2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.



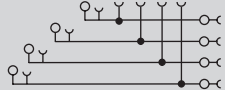


ZRV 2.5/2

2.5 mm<sup>2</sup>



5.2 x 115 x 70  
10 / 4  
0.21...4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
250	300	
10	10	
2.5	AWG 24...14	
4 / 3		
A2 / V-0		



Rated connection	Crimp connection
0.5...4 / 0.5...4	
0.5...2.5 / 0.5...2.5	0.2...2.5
10 / 0.6 x 3.5 mm	

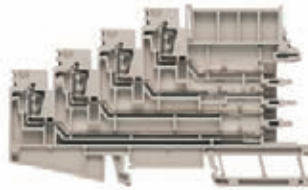
Type	Qty	Order No.
ZRV 2.5/2	50	1906970000

Type	Width	Qty	Order No.
STGH O.ZA ZRV2.5		50	1907010000
STGH ZRV2.5		50	1907000000
FEKO ZRV2.5 0.2-0.35		5000	1854750000
FEKO ZRV2.5 0.5-1		5000	1854760000
FEKO ZRV2.5 1.5-2.5		4000	1848480000
FEKO ET ZRV2.5 0.2-0.35		500	1893940000
FEKO ET ZRV2.5 0.5-1		500	1893970000
FEKO ET ZRV2.5 1.5-2.5		500	1893990000
GH ZE STGH ZRV2.5		50	2318620000
ZE ZRV2.5		25	2318670000
STGH SW ZRV2.5		25	1898420000
STGH O.ZA/SW ZRV2.5		25	1898430000
HTF ZRV		1	9014840000
AP ZRV2.5		10	1906980000

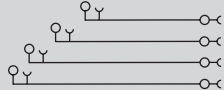
DEK 5/5 / WS 12/5

ZRV 2.5/1

2.5 mm<sup>2</sup>



5 x 115 x 69.5  
/ 4  
0.5...4



IEC	UL	CSA
250		
10		
2.5		
4 / 3		

Rated connection	Crimp connection
0.5...4	
0.5...2.5	0.2...2.5
10 / 0.6 x 3.5 mm	

Type	Qty	Order No.
ZRV 2.5/1	50	1906960000

Type	Width	Qty	Order No.
STGH O.ZA ZRV2.5		50	1907010000
STGH ZRV2.5		50	1907000000
FEKO ZRV2.5 0.2-0.35		5000	1854750000
FEKO ZRV2.5 0.5-1		5000	1854760000
FEKO ZRV2.5 1.5-2.5		4000	1848480000
FEKO ET ZRV2.5 0.2-0.35		500	1893940000
FEKO ET ZRV2.5 0.5-1		500	1893970000
FEKO ET ZRV2.5 1.5-2.5		500	1893990000
GH ZE STGH ZRV2.5		50	2318620000
ZE ZRV2.5		25	2318670000
STGH SW ZRV2.5		25	1898420000
STGH O.ZA/SW ZRV2.5		25	1898430000
HTF ZRV		1	9014840000
AP ZRV2.5		10	1906980000

DEK 5/5 / WS 12/5



## Pluggable standard terminals WeiCoS

### Plug-in connector

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	Type	Qty	Order No.
	1-pole		
	2-pole		
	3-pole		
	4-pole		
	5-pole		
	6-pole		
	7-pole		
	8-pole		
	10-pole		
	11-pole		
	12-pole		
	13-pole		
	14-pole		
	15-pole		
	16-pole		
	17-pole		
	1-pole (green Wemid)		
Note			

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	10-pole
Test adapter	
	Standard
Screwdriver	
	Standard
Group designation	
	Push-in tag, blank
	Group designation
	Protective strips, transparent
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### ZP 2.5/1AN

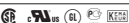
2.5 mm<sup>2</sup>

2...17-pole



50 x 16 x 41
24 / 4
0.13...4

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	
24	20	
2.5	AWG 26...12	
6 / 3		
A2 / V-0		
		
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

Type	Qty	Order No.
ZP 2.5/1AN/1	50	1815430000
ZP 2.5/1AN/2	25	1815440000
ZP 2.5/1AN/3	25	1815450000
ZP 2.5/1AN/4	25	1815500000
ZP 2.5/1AN/5	25	1815510000
ZP 2.5/1AN/6	25	1815520000
ZP 2.5/1AN/7	25	1815530000
ZP 2.5/1AN/8	20	1815540000
ZP 2.5/1AN/10	20	1815560000
ZP 2.5/1AN/11	20	1815570000
ZP 2.5/1AN/12	20	1815580000
ZP 2.5/1AN/13	10	1815590000
ZP 2.5/1AN/14	10	1815600000
ZP 2.5/1AN/15	10	1815610000
ZP 2.5/1AN/16	10	1815620000
ZP 2.5/1AN/17	10	1815180000
ZP 2.5/1AN/1 GN	50	1820580000
Note		

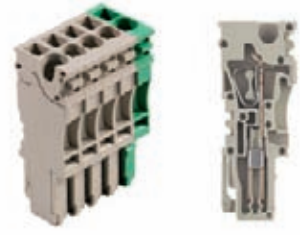
Type	current	Qty	Order No.
Width			
ZTA ZT2.5	5.1 mm	25	1827080000
SD 0.6x3.5x100		1	9008330000
ESO 7 A4-BOGEN WEISS		10	1607720000
ZGB 30		20	1611930000
STR 7 F.SCHT 7		20	0515300000
DEK 5/5 / WS 10/5			

### ZP 2.5/1AN/GN/BE


2.5 mm<sup>2</sup>

2 to 17-pole

Connectors each with one green pole



x 16 x 41
24 / 4
0.13...4

IEC	UL	CSA
500	300	
24	20	
2.5	AWG 26...12	
6 /		
A2 / V-0		
		
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

Type	Qty	Order No.
ZP 2.5/1AN/2 GN/BE	25	1867090000
ZP 2.5/1AN/3 GN/BE	25	1867100000
ZP 2.5/1AN/4 GN/BE	25	1867110000
ZP 2.5/1AN/5 GN/BE	25	1867120000
ZP 2.5/1AN/6 GN/BE	25	1867130000
ZP 2.5/1AN/7 GN/BE	25	1867140000
ZP 2.5/1AN/8 GN/BE	20	1867150000
ZP 2.5/1AN/10 GN/BE	20	1867170000
ZP 2.5/1AN/11 GN/BE	20	1867180000
ZP 2.5/1AN/12 GN/BE	20	1867190000
ZP 2.5/1AN/13 GN/BE	10	1867200000
ZP 2.5/1AN/14 GN/BE	10	1867210000
ZP 2.5/1AN/15 GN/BE	10	1867220000
ZP 2.5/1AN/16 GN/BE	10	1867230000
ZP 2.5/1AN/17 GN/BE	10	1867240000
Note		
The technical specifications relate to the use in conjunction with PE terminals to DIN EN 60947-7-2 only.		

Type	current	Qty	Order No.
Width			
ZTA ZT2.5	5.1 mm	25	1827080000
SD 0.6x3.5x100		1	9008330000
ESO 7 A4-BOGEN WEISS		10	1607720000
ZGB 30		20	1611930000
STR 7 F.SCHT 7		20	0515300000
DEK 5/5 / WS 10/5			



## Pluggable standard terminals WeiCoS

## Coupling

## ZPS 2.5/1AN/QV

2.5 mm<sup>2</sup>

## 1...16-pole



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

x 41 x 37

24 / 4

0.13...4

## Technical data

## Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

## Clamped conductors (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-

## Note

IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
500	300	300, 600
24	20	20
2.5	AWG 26...12	AWG 26...12
	6 / 3	
	A2 /	



## Rated connection

0.13...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

CSA voltage / Current Gr.C 300V / 20A Gr.D 600V / 5 A

## Ordering data

## Version

1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
10-pole	
11-pole	
12-pole	
13-pole	
14-pole	
15-pole	
16-pole	
1-pole (green Wemid)	

## Note

Type	Qty	Order No.
ZPS 2.5/1AN/QV/1	50	1865880000
ZPS 2.5/1AN/QV/2	20	1865900000
ZPS 2.5/1AN/QV/3	20	1865910000
ZPS 2.5/1AN/QV/4	20	1865920000
ZPS 2.5/1AN/QV/5	20	1865930000
ZPS 2.5/1AN/QV/6	20	1865940000
ZPS 2.5/1AN/QV/7	20	1865950000
ZPS 2.5/1AN/QV/8	10	1865960000
ZPS 2.5/1AN/QV/10	10	1865980000
ZPS 2.5/1AN/QV/11	10	1865990000
ZPS 2.5/1AN/QV/12	10	1866000000
ZPS 2.5/1AN/QV/13	10	1866010000
ZPS 2.5/1AN/QV/14	10	1866020000
ZPS 2.5/1AN/QV/15	10	1866030000
ZPS 2.5/1AN/QV/16	10	1866040000
ZPS 2.5/1AN/QV/1 GN	50	1865890000

## Accessories

## Pluggable cross-connection

	2-pole
	3-pole
	10-pole

## Test adapter

Standard

## Screwdriver

Standard

## Group designation

Push-in tag, blank
Group designation
Protective strips, transparent

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/10 GE	24 A	20	1693880000
Width			
ZTA ZT2.5	5.1 mm	25	1827080000
SD 0.6x3.5x100			
		1	9008330000
ESO 7 A4-BOGEN WEISS			
		10	1607720000
ZGB 30			
		20	1611930000
STR 7 F.SCHT 7			
		20	0515300000

## Marking systems

(see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/5 / WS 10/5

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.



## Pluggable standard terminals WeiCos

### WeiCoS – single slice elements

#### Single slice elements for self-assembly

The WeiCoS single slice elements from Weidmüller enhance flexibility by providing a solution for almost every application. The plug-in connectors are piped together to offer a compact modular solution directly in situ to suit the particular application. These single slices are available in green (GN) and beige (BE).

#### Single slice element ZP 2.5/1AN plug



#### Ordering data

Type	Qty.	Order No.
ZP 2.5/1AN	50	1875150000
ZP 2.5/1AN BL	50	1009060000
ZP 2.5/1AN GN	50	1875180000
ZP 2.5/1AN ZA O.RA	50	1875210000
ZP 2.5/1AN ZA O.RA BL	50	1972980000
ZP 2.5/1AN ZA O.RA GN	50	1875220000
ZP 2.5/1AN ZA	50	1875190000
ZP 2.5/1AN ZA BL	50	1009070000
ZP 2.5/1AN ZA GN	50	1875200000

#### Single slice element ZP 2.5/1AN/QV plug

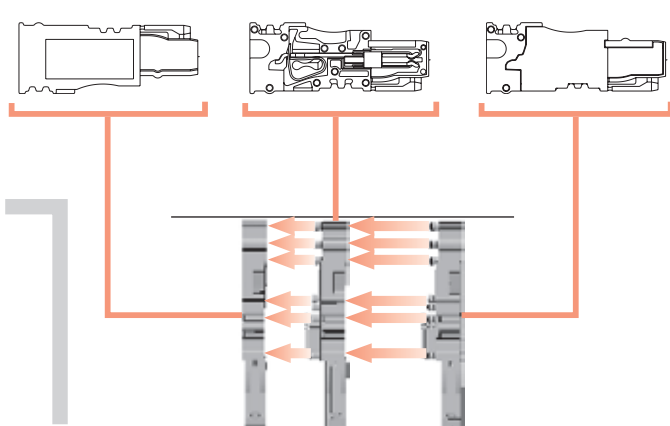


#### Ordering data

Type	Qty.	Order No.
ZP 2.5/1AN/QV	50	1007900000
ZP 2.5/1AN/QV ZA O.RA	50	1007960000
ZP 2.5/1AN/QV ZA	50	1007930000
ZP 2.5/1AN/QV BL	50	1007910000
ZP 2.5/1AN/QV ZAO.RA BL	50	1007970000
ZP 2.5/1AN/QV ZA BL	50	1007940000
ZP 2.5/1AN/QV GN	50	1007920000
ZP 2.5/1AN/QV ZAO.RA GN	50	1007980000
ZP 2.5/1AN/QV ZA GN	50	1007950000

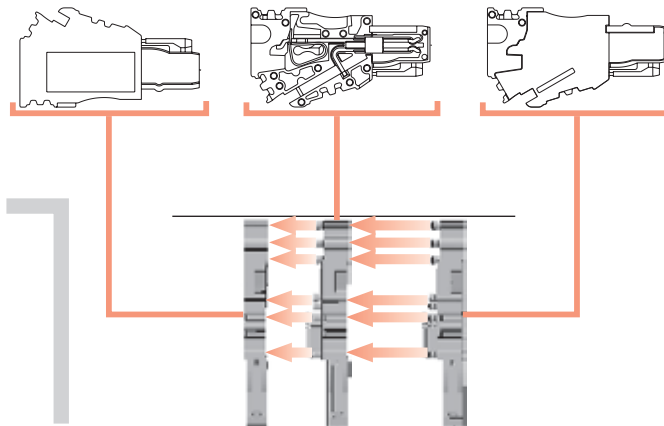
#### Construction of plug:

<b>1 start element</b>	<b>n-2 core element</b>	<b>1 end element</b>
1875150000 BE	1875210000 BE	1875190000 BE
1009060000 BL	1972980000 BL	1009070000 BL
1875180000 GN	1875220000 GN	1875200000 GN

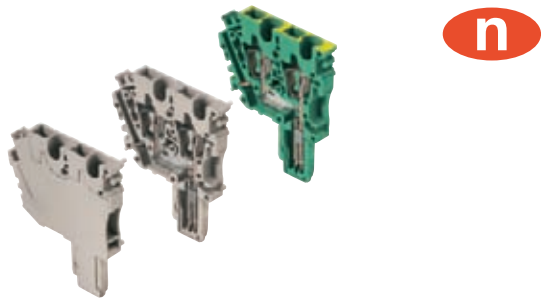


#### Construction of plug:

<b>1 start element</b>	<b>n-2 core element</b>	<b>1 end element</b>
1007900000 BE	1007960000 BE	1007930000 BE
1007910000 BL	1007970000 BL	1007940000 BL
1007920000 GN	1007980000 GN	1007950000 GN



Single slice element ZP 2.5/2AN/QV plug



Ordering data

Type	Qty.	Order No.
ZP 2.5/2AN/QV	50	1007810000
ZP 2.5/2AN/QV ZA O.RA	50	1007870000
ZP 2.5/2AN/QV ZA	50	1007840000
ZP 2.5/2AN/QV BL	50	1007820000
ZP 2.5/2AN/QV ZAO.RA BL	50	1007880000
ZP 2.5/2AN/QV ZA BL	50	1007850000
ZP 2.5/2AN/QV GN	50	1007830000
ZP 2.5/2AN/QV ZAO.RA GN	50	1007890000
ZP 2.5/2AN/QV ZA GN	50	1007860000

Single slice element ZPS coupling

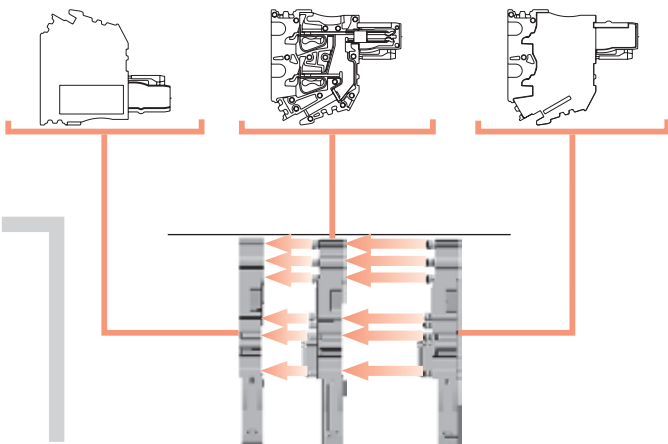


Ordering data

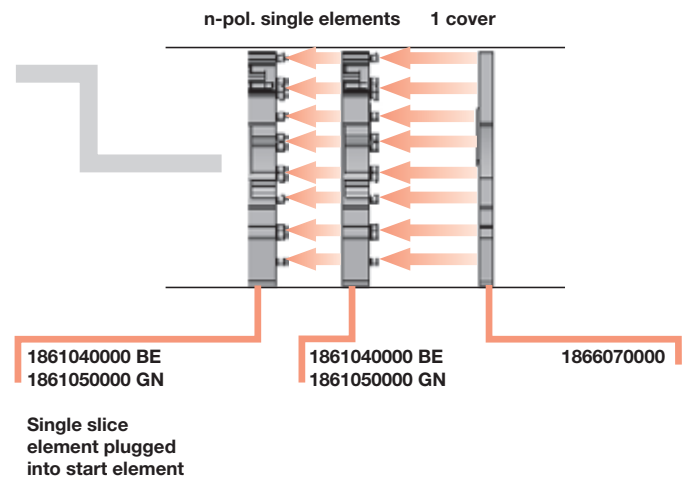
Type	Qty.	Order No.
GHDE ZPS 2.5/1AN	50	1866070000
ZPS 2.5/1AN/QV/1GN	50	1861050000
ZPS 2.5/1AN/QV	50	1861040000

Construction of plug:

- |                        |                         |                      |
|------------------------|-------------------------|----------------------|
| <b>1 start element</b> | <b>n-2 core element</b> | <b>1 end element</b> |
| 1007810000 BE          | 1007870000 BE           | 1007840000 BE        |
| 1007820000 BL          | 1007880000 BL           | 1007850000 BL        |
| 1007830000 GN          | 1007890000 GN           | 1007860000 GN        |



Construction of coupling:



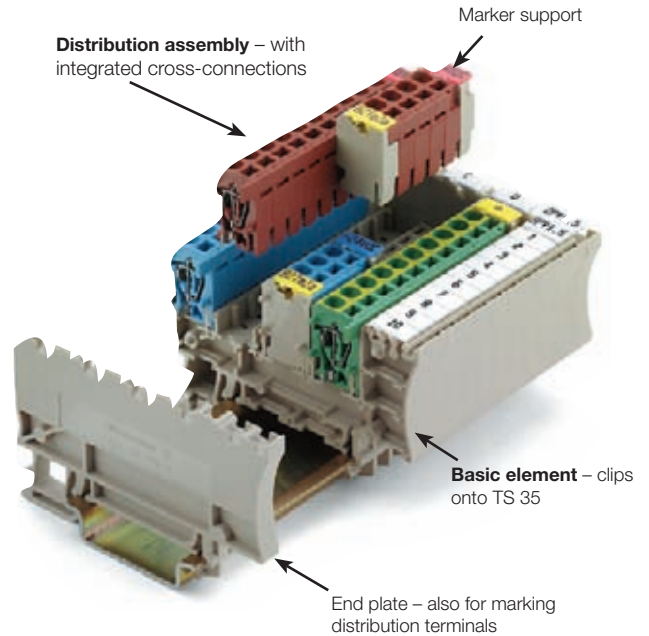
# Distribution System

This modular system is based on the in-row individual modules of the distribution assembly with their integrated cross-connection.

The female contact is on one side, and the male contact on the other. The modular slice structure results in variable distribution assemblies depending on the application.

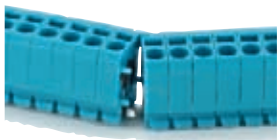
**D** The supports for these module combinations are the basic elements which simply clip onto TS-35 mounting rails. The basic elements are available in different versions:

- Simple support elements without electric function (ZPV 1.5)
- Basic elements for supplying initiators and actuators as 3- or 4-core connection



## ZPV 1.5 – for easy assembly of variable pole numbers

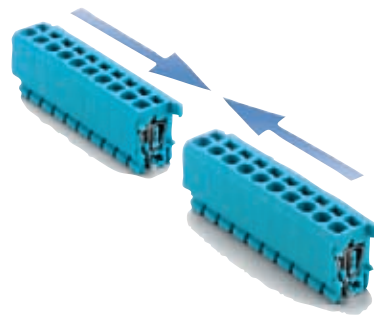
- Easily separated
- Easily plugged into each other



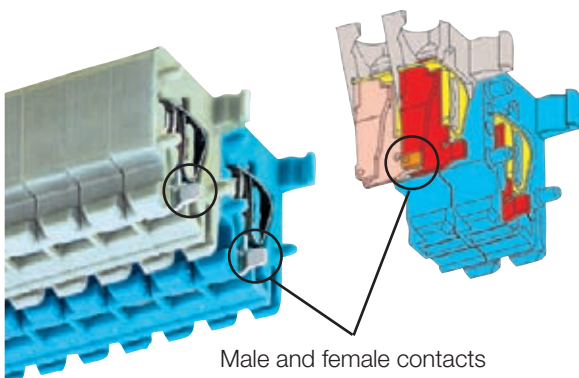
... by hand



... with a screwdriver



- Integrated cross-connection



- Clips onto the basic elements by hand



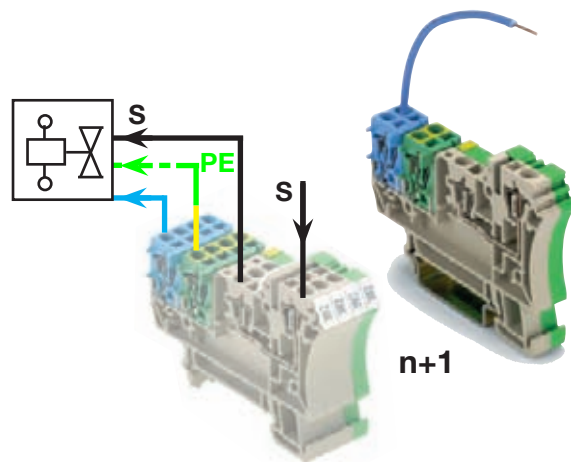
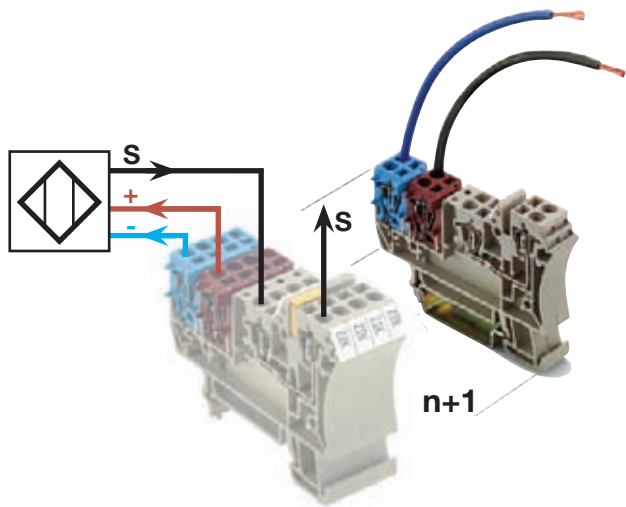


# Supplying initiators and actuators

The modular distribution assembly is a convenient way of supplying power to initiators and actuators.

An additional basic element is used as a supply element which distributes the power to individual consumers across the cross-connected distribution terminals.

The control or information signal (S) is forwarded via the two clamping points of the basic elements. These can also be supplied optionally with an LED for status display.



### Initiator supply

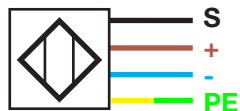
- via 1 additional standard basic element
- => n + 1 basic elements
- => n + 1 distribution assembly element for each circuit path (n = number of initiators)

### Actuator supply

- via 1 additional standard basic element
- => n + 1 PE basic elements
- => n + 1 distribution assembly element for each circuit path (n = no. of actuators)

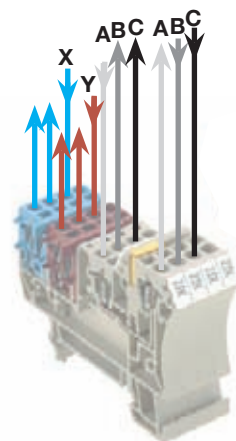
4-core basic elements are used for initiator supply with additional PE connection; these can take 3 distribution terminals.

For design reasons, the PE basic element is always positioned on the left at the beginning of a terminal series, and is only required once.



Or:  
**Combined feed-through terminal (A, B, C) and potential distribution terminal (X, Y)**

Distribution assembly elements without male and female contacts and cross-connections for the feed-through terminal part make possible a great many different wiring solutions.







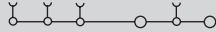
**ZIA 1.5/4 L...**

**1.5 mm<sup>2</sup>**

**Base element 4-wire**



5.1 x 81.5 x 46  
/ 2.5  
0.13...2.5



IEC 60947-7-1

IEC	UL	CSA
250	300	300
17.5	10	10
1.5	AWG 26...14	AWG 26...14
4 / 3		
A1 / V-0		

Rated connection	
0.5...2.5	0.5...2.5
0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
8 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm

Bi-directional LED in ZIA 1.5/4L-1/LD (1652020000)

Type	Qty	Order No.
ZIA 1.5/4L-1S	100	1652010000
ZIA 1.5/4L-1S/LD	50	1652020000
ZIA 1.5/4L-PE	20	1652030000
Type	Qty	Order No.
ZVL 1.5	100	1649300000
ZVL 1.5 BR	100	1650370000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 O.QV	100	1711930000
ZVL 1.5 O.QV = distribution strip without internal bridge for park position		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/50	24 A	10	1697540000
Width			
ZAP/TWZIA1.5/4L	5.1 mm	50	1649550000
SD 0.6x3.5x100		1	9008330000
Width			
ZRH 1.5N/1		1000	1632140000
ZRH 1.5N/2		1000	1632130000

DEK 5/5

**ZVL 1.5**

**1.5 mm<sup>2</sup>**

**Distribution strip**



5.1 x 12.9 x 17.4  
/ 2.5  
0.13...2.5



IEC 60947-7-1

IEC	UL	CSA
250	300	300
17.5	10	10
1.5	AWG 26...14	AWG 26...14
4 / 3		
A2 / V-0		

Rated connection	
0.5...2.5	0.5...2.5
0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
7 / 0.6 x 3.5 mm	7 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZVL 1.5	100	1649300000
ZVL 1.5 BR	100	1650370000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 O.QV	100	1711930000
ZVL 1.5 O.QV = distribution strip without internal bridge for park position		

Type	Qty	Order No.
SD 0.6x3.5x100	1	9008330000
Width		
ZRH 1.5N/1	1000	1632140000
ZRH 1.5N/2	1000	1632130000

DEK 5/5

Integral cross-connections.  
Distributor strip for base element ZPV 1.5 order No. 1676630000

## Mini terminals

# Modular design

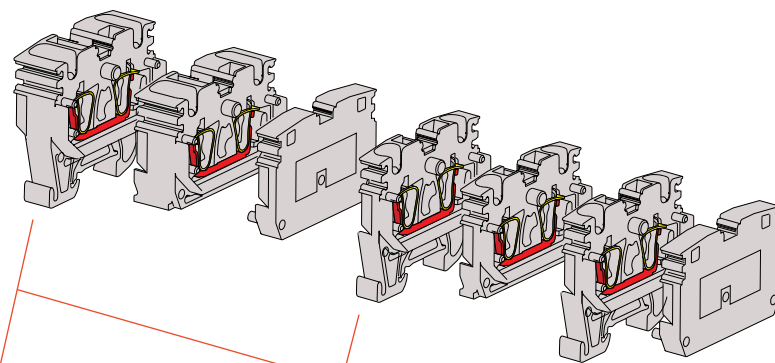
This mini-terminal family in tension clamp technology can be used to assemble individual blocks with 2- and 4-pole terminals.

An individual colour scheme for individual connection groups allows visual differentiation between different circuits.

With a structural width of only 5 mm (2 connections) or 10 mm (4 connections), the TOP connection system guarantees clearly organised wiring of circuits, even in terminal boxes with restricted space.

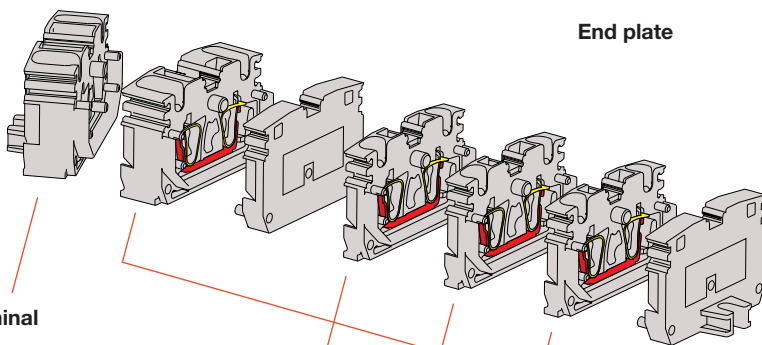
There are three different marking options for quick and clear identification of each terminal.

Made of Weidmüller's top quality WEMID insulation, all block terminals comply with requirements for a V0 flammability class to UL94.



**Middle terminal  
for mounting rail TS 15**

**End plate**



**End terminal**

**Middle terminals  
for direct mounting**

**End terminal**

Individual blocks are put together from **middle terminals** and an end plate for the open side. Screw fastening involves the first middle terminal and the **end plate** being replaced by end terminals for fastening purposes. With the other fastening variations, **middle terminals with means of fastening** are integrated within the block or a **mounting foot (MOFU)** is used for fitting to the mounting rail.

... with 4 different means of fastening



ZDUB 2.5-2 DM

**Direct mounting with screw fastening on mounting plate**

The fastening terminals on the right and left of the terminal block are mounted using M3 screws. Central fastening is not possible in this case.



ZDUB 2.5-2 RC

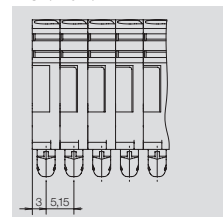
**Clip-on fastening on mounting plates**

The terminals are simply clipped onto mounting plates 0.6 – 1.2 mm thick with the clips in the 3.5 mm holes.

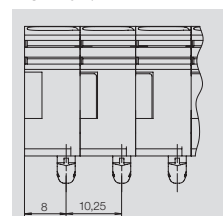
The open side of the terminal is closed by an end plate.



Drilling plan:  
ZDUB/2.5-2/2AN



ZDUB 2.5-2/4AN



ZPEB 2.5-2 TS 15

**Fitting on mounting rail TS 15**

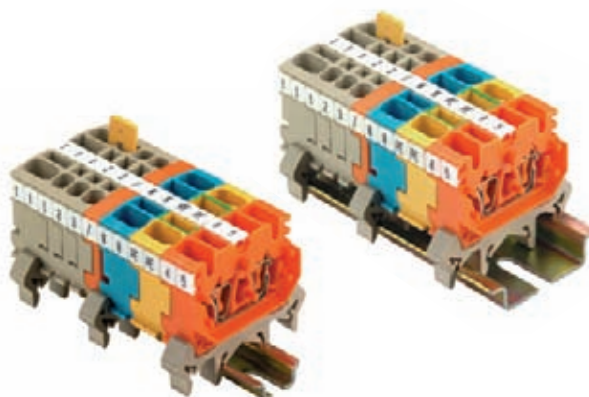
For clipping on mounting rail TS 15. The open side of the terminal is closed by an end plate.



MOFU TS 15/35

**Mounting foot for mounting rail TS 15/35**

The mounting foot can be used for clipping terminal blocks consisting only of middle terminals either to TS 15 or TS 35 mounting rails.



## Mini terminals

Terminal blocks for different fixing systems

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Central terminals	
	Dark beige Wemid
	Blue Wemid
	yellow Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
	Orange PA
Screwdriver	
	Standard

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## ZDUB 2.5-2/2AN/RC

2.5 mm<sup>2</sup>

Two connections



5.1 x 33.2 x 28.8	
<b>30 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7				
800	600	600	550				
24	20	25	21				
2.5	AWG 26...12	AWG 26...12	2.5				
				8 / 3			
				A2 / V-0			
				KEMA 97ATEX2755 U			
				0.5...4			
				0.5...2.5 / 0.5...1.5			
				10 / 0.6 x 3.5 mm			
				Snap-on clip			

Type	Qty	Order No.
ZDUB 2.5-2/2AN/RC	100	<b>1712820000</b>
ZDUB 2.5-2/2AN/RC BL	100	<b>1712830000</b>
ZDUB 2.5-2/2AN/RC GE	100	<b>1712850000</b>
Diameter of mounting hole for locating clip is 3.5 mm for sheet thickness 0.6-1.2 mm.		

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	<b>1677120000</b>
Width			
ZAP ZDUB	5 mm	50	<b>1704750000</b>
ZAP ZDUB BL	5 mm	50	<b>1704760000</b>
ZAP ZDUB OR	5 mm	50	<b>1704770000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

DEK 5/5 / WS 10/5  
Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

## ZDUB 2.5-2/4AN/RC

2.5 mm<sup>2</sup>

Four connections



10.2 x 33.5 x 29	
<b>30 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7				
800	600	600	550				
24	20	25	21				
2.5	AWG 26...12	AWG 26...12	2.5				
				8 / 3			
				A2 / V-0			
				KEMA 97ATEX2755 U			
				0.5...4			
				0.5...2.5 / 0.5...1.5			
				10 / 0.6 x 3.5 mm			
				Snap-on clip			

Type	Qty	Order No.
ZDUB 2.5-2/4AN/RC	100	<b>1712970000</b>
ZDUB 2.5-2/4AN/RC BL	100	<b>1712980000</b>
ZDUB 2.5-2/4AN/RC GE	100	<b>1713000000</b>
Diameter of mounting hole for locating clip is 3.5 mm for sheet thickness 0.6-1.2 mm.		

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	<b>1677120000</b>
Width			
ZAP ZDUB	5 mm	50	<b>1704750000</b>
ZAP ZDUB BL	5 mm	50	<b>1704760000</b>
ZAP ZDUB OR	5 mm	50	<b>1704770000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

DEK 5/5 / WS 10/5  
Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

Terminal blocks for different fixing systems

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-

### Note

### Ordering data

Central terminals	
Dark beige Wemid	
Blue Wemid	
yellow Wemid	
End terminals	
Dark beige Wemid	
Blue Wemid	
yellow Wemid	

### Note

### Accessories

Pluggable cross-connection	
2-pole	
End plate / partition	
Dark beige Wemid	
Blue Wemid	
Orange PA	
Mounting blocks	
Dark beige Wemid	
Screwdriver	
Standard	
Mounting foot for TS15 & TS35	
Dark beige Wemid	

**Marking systems** (see assortment in catalogue 7)

Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## ZDUB 2.5-2/2AN/DM

2.5 mm<sup>2</sup>

### Two connections



5.1 x 33.5 x 24
<b>30 / 4</b>
<b>0.13...4</b>

IEC 60947-7-1 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			

KEMA 97ATEX2755 U

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Direct mounting

Type	Qty	Order No.
ZDUB 2.5-2/2AN/DM	100	<b>1704350000</b>
ZDUB 2.5-2/2AN/DM BL	100	<b>1704360000</b>
ZDUB 2.5-2/2AN/DM GE	100	<b>1704380000</b>
ZDUB 2.5-2/2AN/DB	100	<b>1704500000</b>
ZDUB 2.5-2/2AN/DB BL	100	<b>1704510000</b>
ZDUB 2.5-2/2AN/DB GE	100	<b>1704530000</b>

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	<b>1677120000</b>
Width			
ZAP ZDUB	5 mm	50	<b>1704750000</b>
ZAP ZDUB BL	5 mm	50	<b>1704760000</b>
ZAP ZDUB OR	5 mm	50	<b>1704770000</b>
ZBB ZDUB	5.1 mm	50	<b>1704740000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
MOFU 15/35 ZDUB	5 mm	50	<b>1723660000</b>

DEK 5/5 / WS 10/5

Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

## ZDUB 2.5-2/4AN/DM

2.5 mm<sup>2</sup>

### Four connections



10.2 x 33.5 x 24
<b>30 / 4</b>
<b>0.13...4</b>

IEC 60947-7-1 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5
8 / 3			
A2 / V-0			

KEMA 97ATEX2755 U

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Direct mounting

Type	Qty	Order No.
ZDUB 2.5-2/4AN/DM	100	<b>1704540000</b>
ZDUB 2.5-2/4AN/DM BL	100	<b>1704550000</b>
ZDUB 2.5-2/4AN/DM GE	100	<b>1704570000</b>
ZDUB 2.5-2/4AN/DB	100	<b>1704690000</b>
ZDUB 2.5-2/4AN/DB BL	100	<b>1704700000</b>
ZDUB 2.5-2/4AN/DB GE	100	<b>1704720000</b>

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	<b>1677120000</b>
Width			
ZAP ZDUB	5 mm	50	<b>1704750000</b>
ZAP ZDUB BL	5 mm	50	<b>1704760000</b>
ZAP ZDUB OR	5 mm	50	<b>1704770000</b>
ZBB ZDUB	5.1 mm	50	<b>1704740000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
MOFU 15/35 ZDUB	5 mm	50	<b>1723660000</b>

DEK 5/5 / WS 10/5

Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

## Mini terminals

Terminal blocks for different fixing systems

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS15x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Central terminals	
	Dark beige Wemid
	Blue Wemid
	green/yellow Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	50-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
	Orange PA
End bracket	
Screwdriver	
	Standard

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## ZDUB 2.5-2/2AN/TS15

2.5 mm<sup>2</sup>

Two connections



5.1 x 33.5 x 32	
30 / 4	
0.13...4	

IEC 60947-7-1				Ex e ll Ex II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
24	20	25	21	24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5	2.5	AWG 26...12	AWG 26...12	2.5
				8 / 3			
				A2 / V-0			
				KEMA 97ATEX2755 U			
Rated connection							
0.5...4							
0.5...2.5 / 0.5...1.5							
10 / 0.6 x 3.5 mm							
Note							
TS 15 - block design							

Type	Qty	Order No.
ZDUB 2.5-2/2AN/15	100	1712750000
ZDUB 2.5-2/2AN/15 BL	100	1712760000
Note		

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	1677120000
Width			
ZAP ZDUB	5 mm	50	1704750000
ZAP ZDUB BL	5 mm	50	1704760000
ZAP ZDUB OR	5 mm	50	1704770000
End bracket			
ZEW 15	5 mm	20	7920340000
Screwdriver			
SD 0.6x3.5x100		1	9008330000

Marking systems	
	DEK 5/5 / WS 10/5
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## ZDUB 2.5-2/4AN/TS15

2.5 mm<sup>2</sup>

Four connections



10.2 x 33.5 x 32	
30 / 4	
0.13...4	

IEC 60947-7-1				Ex e ll Ex II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
24	20	25	21	24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5	2.5	AWG 26...12	AWG 26...12	2.5
				8 / 3			
				A2 / V-0			
				KEMA 97ATEX2755 U			
Rated connection							
0.5...4							
0.5...2.5 / 0.5...1.5							
10 / 0.6 x 3.5 mm							
Note							
TS 15 - block design							

Type	Qty	Order No.
ZDUB 2.5-2/4AN/15	100	1712780000
ZDUB 2.5-2/4AN/15 BL	100	1712790000
Note		

Type	current	Qty	Order No.
ZQB 2.5-2	24 A	50	1677120000
Width			
ZAP ZDUB	5 mm	50	1704750000
ZAP ZDUB BL	5 mm	50	1704760000
ZAP ZDUB OR	5 mm	50	1704770000
End bracket			
ZEW 15	5 mm	20	7920340000
Screwdriver			
SD 0.6x3.5x100		1	9008330000

Marking systems	
	DEK 5/5 / WS 10/5
For detailed information on other accessories and applications, refer to the „Accessories“ section	



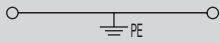
**ZPEB 2.5-2**

2.5 mm<sup>2</sup>

Two connections



5.1 x 33.5 x 32  
/ 4  
**0.13...4**



IEC 60947-7-2 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
-----	----	-----	------------

500	300	300	275
24	20	20	20

2.5	AWG 26...12	AWG 26...12	2.5
-----	-------------	-------------	-----

8 / 3			
-------	--	--	--

A2 / V-0			
----------	--	--	--

**UL** **CSA** KEMA 97ATEX2755 U

**Rated connection**

0.5...4

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

TS 15 - block design

Type	Qty	Order No.
ZPEB 2.5-2	100	<b>1712810000</b>

Type	Qty	Order No.
<b>Width</b>		
ZAP ZDUB	5 mm 50	<b>1704750000</b>
ZEW 15	5 mm 20	<b>7920340000</b>
SD 0.6x3.5x100	1	<b>9008330000</b>

DEK 5/5 / WS 10/5

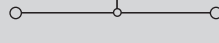
**ZDUA 2.5-2**

2.5 mm<sup>2</sup>

Two connections



5.1 x 35 x 30.5  
**30 / 4**  
**0.13...4**



IEC 60947-7-1 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
-----	----	-----	------------

500	300	300	275
24	20	20	20

2.5	AWG 26...12	AWG 26...12	2.5
-----	-------------	-------------	-----

6 / 3			
-------	--	--	--

A2 / V-0			
----------	--	--	--

**UL** **CSA** KEMA 97ATEX4678 U

**Rated connection**

0.5...4

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

TS 15 - thin element design

Type	Qty	Order No.
ZDUA 2.5-2	100	<b>1720920000</b>
ZDUA 2.5-2 BL	100	<b>1720930000</b>

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	<b>1693800000</b>
ZQV 2.5N/3 GE	24 A	60	<b>1693810000</b>
ZQV 2.5N/4 GE	24 A	60	<b>1693820000</b>
ZQV 2.5N/10 GE	24 A	20	<b>1693880000</b>
ZQV 2.5N/50 GE	24 A	5	<b>1693890000</b>
<b>Width</b>			
ZAP/TW ZDUA	1.5 mm	50	<b>1720960000</b>
ZAP/TW ZDUA BL	1.5 mm	50	<b>1720970000</b>
ZAP/TW ZDUA OR	1.5 mm	50	<b>1720980000</b>
ZEW 15	5 mm	20	<b>7920340000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

DEK 5/5 / WS 10/5

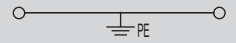
**ZPEA 2.5-2**

2.5 mm<sup>2</sup>

Two connections



5.1 x 35 x 30.5  
/ 4  
**0.13...4**



IEC 60947-7-2 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
-----	----	-----	------------

500	300	300	275
24	20	20	20

2.5	AWG 26...12	AWG 26...12	2.5
-----	-------------	-------------	-----

6 / 3			
-------	--	--	--

A2 / V-0			
----------	--	--	--

**UL** **CSA** KEMA 97ATEX4678 U

**Rated connection**

0.5...4

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

TS 15 - thin element design

Type	Qty	Order No.
ZPEA 2.5-2	100	<b>1720950000</b>

Type	Qty	Order No.
<b>Width</b>		
ZAP/TW ZDUA	1.5 mm 50	<b>1720960000</b>
ZEW 15	5 mm 20	<b>7920340000</b>
SD 0.6x3.5x100	1	<b>9008330000</b>

DEK 5/5 / WS 10/5



## Mini terminals

Terminal blocks for different fixing systems

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS15x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

<b>Rated data</b>	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
<b>Note</b>	

### Ordering data

<b>Central terminals</b>	
	Dark beige Wemid
	Blue Wemid
	green/yellow Wemid
<b>Note</b>	

### Accessories

<b>Pluggable cross-connection</b>	
	2-pole
	3-pole
	4-pole
	10-pole
	50-pole
<b>End plate / partition</b>	
	Dark beige Wemid
	Blue Wemid
	Orange PA
<b>End bracket</b>	
<b>Screwdriver</b>	
	Standard

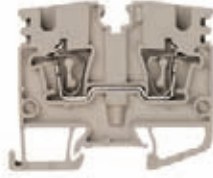
**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

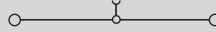
## ZDUA 2.5-2N

2.5 mm<sup>2</sup>

Two connections



5.1 x 42.5 x 34.7  
**30 / 4**  
**0.13...4**



IEC 60947-7-1

IEC	UL	CSA
800	600	600
24	20	20
2.5	AWG 26...12	AWG 26...12
8 / 3		
A2 / V-0		



**Rated connection**

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

TS 15 - thin element design

Type	Qty	Order No.
ZDUA 2.5-2N	100	1808200000
ZDUA 2.5-2N BL	100	1808180000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/50 GE	24 A	5	1693890000
<b>Width</b>			
ZAP/TW ZDUA2.5-2N	2.5 mm	50	1808170000
ZAP/TW ZDUA2.5-2N BL	2.5 mm	50	1808150000
ZAP/TW ZDUA2.5-2N OR	2.5 mm	50	1808160000
<b>ZEW 15</b>			
	5 mm	20	7920340000
<b>SD 0.6x3.5x100</b>			
		1	9008330000

DEK 5/5 / WS 10/5

## ZPEA 2.5-2N

2.5 mm<sup>2</sup>

Two connections



5.1 x 42.5 x 34.7  
**/ 4**  
**0.13...4**



IEC 60947-7-2

IEC	UL	CSA
800	600	600
24	20	20
2.5	AWG 26...12	AWG 26...12
8 / 3		
A2 / V-0		



**Rated connection**

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

TS 15 - thin element design

Type	Qty	Order No.
ZPEA 2.5-2N	100	1808210000

Type	Qty	Order No.	
<b>Width</b>			
ZAP/TW ZDUA2.5-2N	2.5 mm	50	1808170000
ZAP/TW ZDUA2.5-2N BL	2.5 mm	50	1808150000
<b>ZEW 15</b>			
	5 mm	20	7920340000
<b>SD 0.6x3.5x100</b>			
		1	9008330000

DEK 5/5 / WS 10/5



## Terminals with electronic components

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/A
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Orange
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## ZDU 2.5/2x2AN/LD+

2.5 mm<sup>2</sup>

### LED indicator



5.1 x 79.5 x 39.5	
/ 4	
0.5...4	

IEC 60947-7-1

IEC	UL	CSA
24		
0.05		
2.5	AWG 30...12	AWG 26...12
	6 / 3	
	A3 / V-0	
Approvals		
24 / 0		
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
Note		

Type	Qty	Order No.
ZDU 2.5/2X2AN/LD+	20	1692590000
Note		

Type	Qty	Order No.
Width		
ZAP/TW 3	2 mm	50 1608800000
ZEW 35	6 mm	20 9540000000
SD 0.6x3.5x100	1	9008330000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

DEK 5/5 / WS 10/5

## ZDU 2.5/2x2AN/LD-

2.5 mm<sup>2</sup>

### LED indicator



5.1 x 79.5 x 39.5	
/ 4	
0.5...4	

IEC 60947-7-1

IEC	UL	CSA
24		
0.05		
2.5	AWG 30...12	AWG 26...12
	6 / 3	
	A3 / V-0	
Approvals		
24 / 0		
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
Note		

Type	Qty	Order No.
ZDU 2.5/2X2AN/LD-	20	1692600000
Note		

Type	Qty	Order No.
Width		
ZAP/TW 3	2 mm	50 1608800000
ZEW 35	6 mm	20 9540000000
SD 0.6x3.5x100	1	9008330000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000

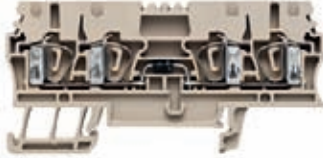
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

DEK 5/5 / WS 10/5

**ZDU 2.5/2x2AN/D+**

**2.5 mm<sup>2</sup>**

Diode circuit



5.1 x 79.5 x 39.5

/ 4

**0.5...4**



IEC 60947-7-1

IEC	UL	CSA
400		
1		
2.5		
	6 / 3	
	A3 / V-0	
1000 / 1		

**Rated connection**

0.5...4

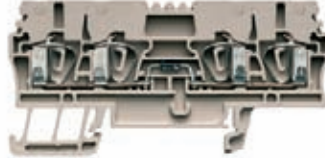
0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

**ZDU 2.5/2x2AN/D-**

**2.5 mm<sup>2</sup>**

Diode circuit



5.1 x 79.5 x 39.5

/ 4

**0.5...4**



IEC 60947-7-1

IEC	UL	CSA
400		
1		
2.5		
	6 / 3	
	A3 / V-0	
1000 / 1		

**Rated connection**

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty	Order No.
ZDU 2.5/2X2AN/D+	20	<b>1650340000</b>
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A		

Type	Qty	Order No.
ZDU 2.5/2X2AN/D-	20	<b>1650350000</b>
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A		

Type	Qty	Order No.
<b>Width</b>		
ZAP/TW 3	2 mm	50 <b>1608800000</b>
ZEW 35	6 mm	20 <b>9540000000</b>
<b>SD 0.6x3.5x100</b>		
	1	<b>9008330000</b>
ZRH 2.5/1 WS	1000	<b>1614300000</b>
ZRH 2.5/2 GR/V0	1000	<b>1614290000</b>

Type	Qty	Order No.
<b>Width</b>		
ZAP/TW 3	2 mm	50 <b>1608800000</b>
ZEW 35	6 mm	20 <b>9540000000</b>
<b>SD 0.6x3.5x100</b>		
	1	<b>9008330000</b>
ZRH 2.5/1 WS	1000	<b>1614300000</b>
ZRH 2.5/2 GR/V0	1000	<b>1614290000</b>

DEK 5/5 / WS 10/5
-------------------

DEK 5/5 / WS 10/5
-------------------

## Terminals with electronic components

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/A
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Orange
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

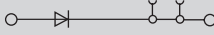
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	


### ZDU 2.5-2/D+

2.5 mm<sup>2</sup>

#### Diode circuit



5.1 x 50.5 x 44	
/ 2.5	
0.05...2.5	

IEC 60947-7-1		
IEC	UL	CSA
400	600	600
1	1	1
2.5	AWG 30...12	AWG 26...12
6 / 3		
A2 / V-0		
		
1000 / 1		
Rated connection		
0.5...2.5		
0.5...2.5 / 0.5...1.5		
10 / 0.6 x 3.5 mm		
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

Type	Qty	Order No.
ZDU 2.5-2/D+	20	1779110000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW7	2.5 mm	50	1706110000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100			
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

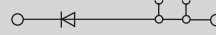
Marking systems	
	DEK 5/5 / WS 14/5


### ZDU 2.5-2/D-

2.5 mm<sup>2</sup>

#### Diode circuit



5.1 x 50.5 x 44	
/ 2.5	
0.05...2.5	

IEC 60947-7-1		
IEC	UL	CSA
400	600	600
1	1	1
2.5	AWG 30...12	AWG 26...12
6 / 3		
A2 / V-0		
		
1000 / 1		
Rated connection		
0.5...2.5		
0.5...2.5 / 0.5...1.5		
10 / 0.6 x 3.5 mm		
2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.		

Type	Qty	Order No.
ZDU 2.5-2/D-	20	1779000000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A		

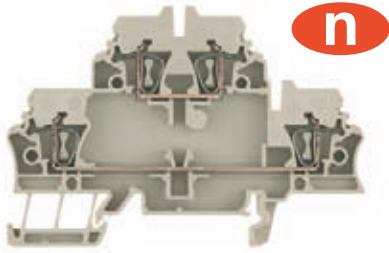
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW7	2.5 mm	50	1706110000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100			
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

Marking systems	
	DEK 5/5 / WS 14/5

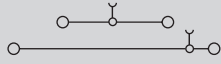
**ZDK 2.5 EM**

2.5 mm<sup>2</sup>

Double level terminals



5.1 x 79.5 x 54  
20 / 2.5  
0.05...2.5



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
20	10	10	18
2.5	AWG 30...12	AWG 26...12	2.5
6 / 3			
A2 / V-0			

KEMA 97ATEX4677 U

**Rated connection**

0.5...2.5  
0.5...2.5 / 0.5...2.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDK 2.5 EM	50	1768800000
ZDK 2.5 OR	50	1694140000
Empty electronics enclosure for do-it-yourself soldering of components.		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			
ZAP/TW ZDK2.5 BL	1.5 mm	20	1748800000
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
ZTA 4	5.1 mm	25	1688110000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

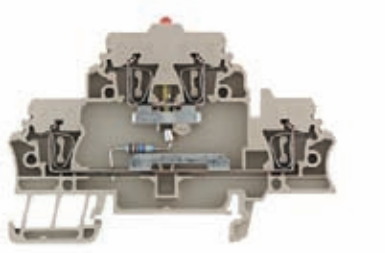
DEK 5/5 / WS 12/5

ZVQ 2.5/15 (1720700000) connects two current bars one above the other.

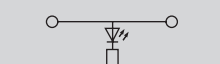
**ZDK 2.5/LD RT/1**

2.5 mm<sup>2</sup>

LED circuit



5.1 x 79.1 x 54  
/ 2.5  
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA
24	24	24
10	10	10
2.5	AWG 30...12	AWG 26...12
/ 3		
A2 / V-0		

24 / 0

**Rated connection**

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDK 2.5/LD RT/1	50	1690010000
Current of continuous busbar = 10 A		

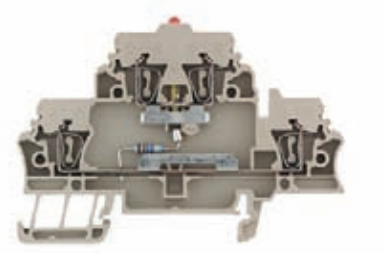
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5

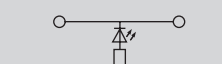
**ZDK 2.5/LD RT/2**

2.5 mm<sup>2</sup>

LED circuit



5.1 x 79.1 x 54  
/ 2.5  
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA
24	24	24
10	10	10
2.5	AWG 30...12	AWG 26...12
/ 3		
A2 / V-0		

24 / 0

**Rated connection**

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDK 2.5/LD RT/2	50	1693940000
Current of continuous busbar = 10 A		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5

## Terminals with electronic components

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/A
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Orange
Note	

### Accessories

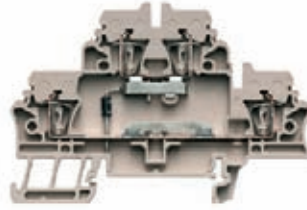
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

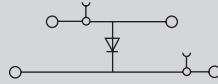
## ZDK 2.5/D/1

2.5 mm<sup>2</sup>

### Diode circuit



5.1 x 79.1 x 54  
/ 2.5  
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA
500	300	300
10	10	10
2.5	AWG 30...14	AWG 26...12
6 / 3		
A2 / V-0		



1000 / 1

### Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDK 2.5/D/1	50	1690020000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A		

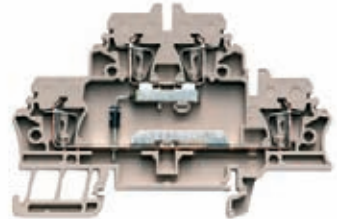
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100			
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5
-------------------

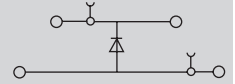
## ZDK 2.5/D/2

2.5 mm<sup>2</sup>

### Diode circuit



5.1 x 79.1 x 54  
/ 2.5  
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA
500	300	300
10	10	10
2.5	AWG 30...14	AWG 26...12
6 / 3		
A2 / V-0		



1000 / 1

### Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDK 2.5/D/2	50	1690030000
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A		

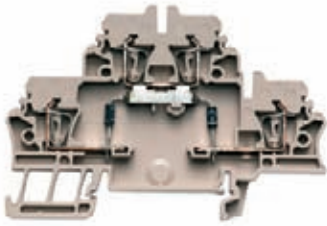
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
Width			
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100			
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5
-------------------

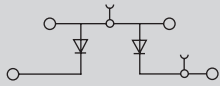
**ZDK 2.5/D/4**

2.5 mm<sup>2</sup>

Diode circuit



5.1 x 79.1 x 54  
/ 2.5  
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA
500	300	300
10	10	10
2.5	AWG 30...14	AWG 26...12
6 / 3		
A2 / V-0		



1000 / 1

**Rated connection**

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDK 2.5/D/4	50	1690040000

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			

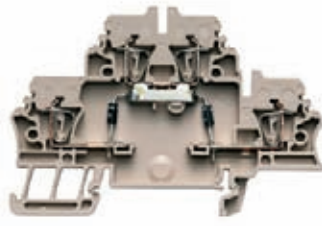
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5

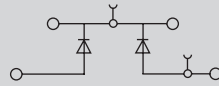
**ZDK 2.5/D/5**

2.5 mm<sup>2</sup>

Diode circuit



5.1 x 79.1 x 54  
/ 2.5  
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA
500	300	300
10	10	10
2.5	AWG 30...14	AWG 26...12
6 / 3		
A2 / V-0		



1000 / 1

**Rated connection**

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDK 2.5/D/5	50	1690050000

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			

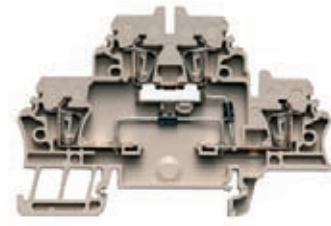
ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5

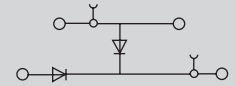
**ZDK 2.5/D/6**

2.5 mm<sup>2</sup>

Diode circuit



5.1 x 79.1 x 54  
/ 2.5  
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA
500	300	300
10	10	10
2.5	AWG 30...14	AWG 26...12
6 / 3		
A2 / V-0		



1000 / 1

**Rated connection**

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDK 2.5/D/6	50	1690060000

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			

ZAP/TW ZDK2.5	1.5 mm	20	1674730000
ZEW 35	6 mm	20	9540000000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5



Terminals with electronic components

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/A
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Orange
Note	

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Test adapter	
	With assembly peg
Screwdriver	
	Standard
Reducing sleeves	
	For conductors < 0,5 mm <sup>2</sup> / AWG 20
	For conductors < 1,0 mm <sup>2</sup> / AWG 18

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

ZDK 4-2/D forward

4 mm<sup>2</sup>

Diode circuit



6.1 x 77.6 x 61	
/ 6	
0.13...6	

IEC 60947-7-1

IEC	UL	CSA
800	300	300
1	1	1
4	AWG 26...10	AWG 26...10
8 / 3		
A3 / V-0		
1000 / 1		
Rated connection		
0.5...6 / 1.5...4		
0.5...4 / 0.5...4		
10 / 0.6 x 3.5 mm		
Note		

Type	Qty	Order No.
ZDK 4-2/D forward	50	8670520000
Note		
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A		

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZEW 35	6 mm	20	9540000000
Note			
SD 0.6x3.5x100		1	9008330000

Marking systems	
	DEK 5/6

ZDK 4-2/D reverse

4 mm<sup>2</sup>

Diode circuit



6.1 x 77.6 x 61	
/ 6	
0.13...6	

IEC 60947-7-1

IEC	UL	CSA
800	300	300
1	1	1
4	AWG 26...10	AWG 26...10
8 / 3		
A3 / V-0		
1000 / 1		
Rated connection		
0.5...6 / 1.5...4		
0.5...4 / 0.5...4		
10 / 0.6 x 3.5 mm		
Note		

Type	Qty	Order No.
ZDK 4-2/D reverse	50	8670640000
Note		
Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A		

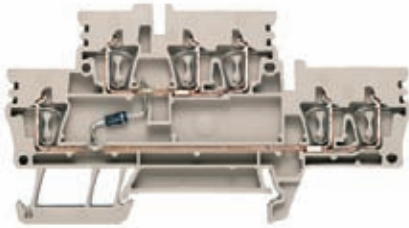
Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
ZQV 4/20 GE	32 A	20	1909010000
Width			
ZAP/TW ZDK4-2	2 mm	50	8670760000
ZEW 35	6 mm	20	9540000000
Note			
SD 0.6x3.5x100		1	9008330000

Marking systems	
	DEK 5/6

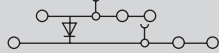
**ZDK 2.5/3AN D1**

4 mm<sup>2</sup>

**Diodenschaltung**



5.1 x 93 x 44  
/ 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
500	300	300
1		
4	AWG 30...12	AWG 30...12
	6 / 3	
	A2 / V-0	

1000 / 1

**Rated connection**

0.5...4 / 1.5...2.5  
0.5...2.5 / 0.21...2.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDK 2.5/3AN D1	50	1924440000

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			
ZAP/TW ZDK 2.5/3AN	2 mm	20	1924910000
ZEW 35/2	8 mm	20	8630740000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

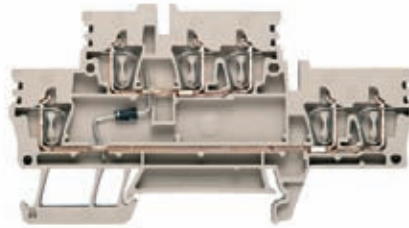
DEK 5/5 / WS 10/5

2.5 mm<sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

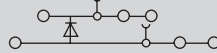
**ZDK 2.5/3AN D2**

4 mm<sup>2</sup>

**Diodenschaltung**



5.1 x 93 x 44  
/ 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
500	300	300
1		
4	AWG 30...12	AWG 30...12
	6 / 3	
	A2 / V-0	

1000 / 1

**Rated connection**

0.5...4 / 1.5...2.5  
0.5...2.5 / 0.21...2.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty	Order No.
ZDK 2.5/3AN D2	50	1924450000

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

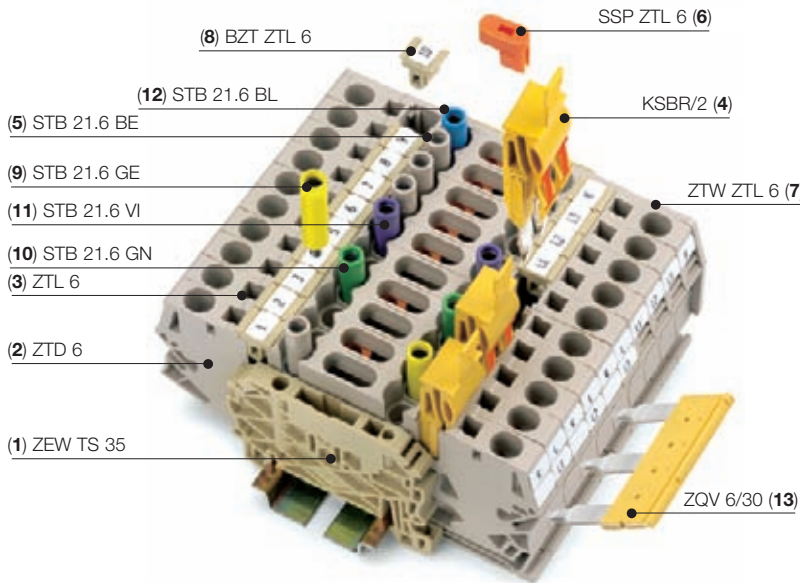
Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
ZQV 2.5/20	24 A	20	1908960000
<b>Width</b>			
ZAP/TW ZDK 2.5/3AN	2 mm	20	1924910000
ZEW 35/2	8 mm	20	8630740000
SD 0.6x3.5x100		1	9008330000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000

DEK 5/5 / WS 10/5

2.5 mm<sup>2</sup> conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

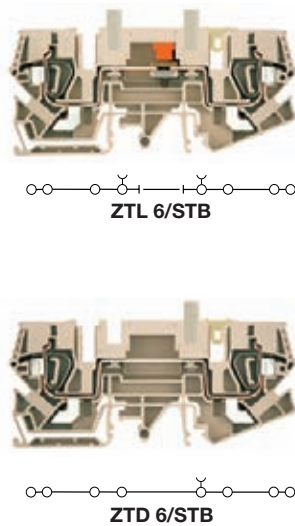
Test-disconnect terminals

Test-disconnect terminal blocks for metering with the ZTL 6



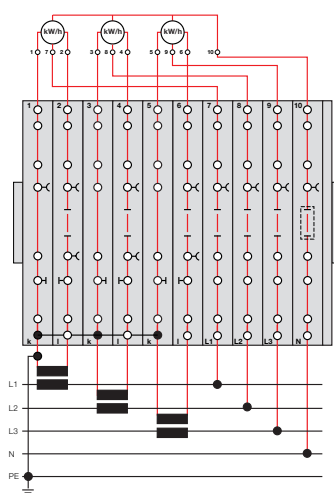
Pos.	Type	Qty.	Order No.
1	ZEW TS 35 (TS 35 only)	2	954000000
1	EWK1 (TS 32 only)	2	0206160000
2	ZTD 6	3	1771810000
3	ZTL 6	7	1771800000
4	KSRB/2	3	1771820000
5	STB 21.6 BE	11	1071000000
6	SSP ZTL 6	1	1771860000
7	ZTW ZTL 6	1	1771870000
8	BZT ZTL 6	4	1781140000
optional for better marking (instead of 11 x pos. 5):			
Pos.	Type	Qty.	Order No.
5	STB 21.6 BE	4	1071000000
9	STB 21.6 GE	2	1071010000
10	STB 21.6 GN	2	1071020000
11	STB 21.6 VI	2	1071030000
12	STB 21.6 BL	1	1071080000
optional addition for a joint internal k-point:			
Pos.	Type	Qty.	Order No.
13	ZQV 6/30*	1	1733640000

\* Shorten to 5 poles

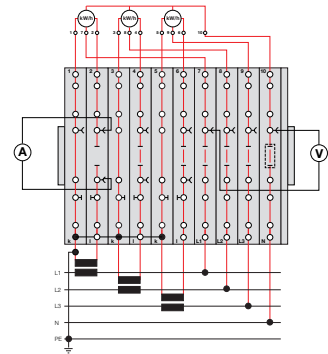


Operating status

(with internal distribution of the k-point)



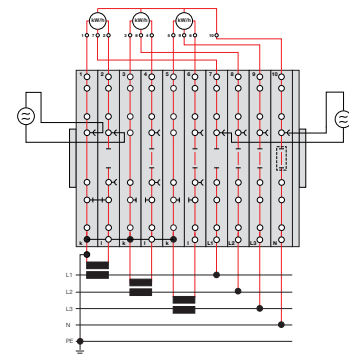
Comparison measurement for L1



Operation depending on the operating status

1. Connect ammeter to test sockets at terminal 2.
2. Open the disconnect slide link of terminal 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

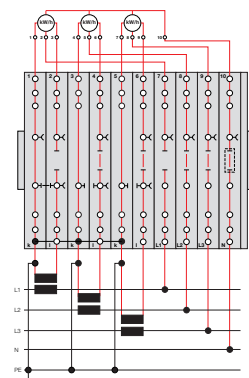
Meter test for L1 through external power supply



Operation depending on the operating status:

1. Insert short-circuit plugs into terminals 1 and 2.
2. Open disconnect slide link of terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1



Operation depending on the operating status:

1. Insert the short-circuit plugs into terminals 1 and 2.
2. Open disconnect slide link of terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

Terminal for power supply

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	Approvals
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

**Ordering data**

Version	
With socket	
Without socket	
Note	

**Accessories**

Pluggable cross-connection	
	2-pole 3-pole 4-pole
End plate / partition	
	End plate
Testing / Checking	
	Test plug Socket, grey Socket, green Socket, violet Socket, blue
Miscellaneous accessories	
	Short-circuit plug, 2-pole Short-circuit plug, 3-pole Short-circuit plug, 4-pole
Marker holder	

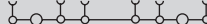
**Marking systems** (see assortment in catalogue 7)  
Marking tags  
**For detailed information on other accessories and applications, refer to the „Accessories“ section**

**ZTD 6**

6 mm<sup>2</sup>

Feed-through terminal



8 x 106 x 47.5	
<b>52 / 10</b>	
<b>0.5...10</b>	

IEC 60947-7-1		
IEC	UL	CSA
800	300	300
41	33	33
6	AWG 20...8	AWG 20...8
8 / 3		
A5 / V-0		
IEC 60947-7-1		
Rated connection		
0.5...10 / 1.5...6		
0.5...6 / 0.5...6		
13 / 0.8 x 4 mm		
400V when used as a disconnect terminal. Tightening torque for disconnection element of ZTD 6 with screw = 0.5 to 0.6 Nm		

Type	Qty	Order No.
ZTD 6/STB	20	1771960000
ZTD 6	20	1771810000

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
Width			
ZTW ZTL6	2 mm	20	1771870000
Testing / Checking			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 21.6/IH/GE WTL6/3	6.2 mm	50	1071010000
STB 21.6/IH/GN WTL6/3	6.2 mm	50	1071020000
STB 21.6/IH/VI WTL6/3	6.2 mm	50	1071030000
STB 21.6/IH/BL WTL6/3	6.2 mm	50	1071080000
Miscellaneous accessories			
KSBR/2 ZTL6		20	1771820000
KSBR/3 ZTL6		20	1771830000
KSBR/4 ZTL6		20	1771840000
Marker holder			
BZT ZTL6		20	1781140000

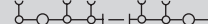
DEK 5/8 / WS 12/6,5  
Plug-in tag carrier for additional marking tags above the cross-connection channel (BZT ZTL 6)

**ZTL 6**

6 mm<sup>2</sup>

Disconnect test terminal



8 x 106 x 47.5	
<b>52 / 10</b>	
<b>0.5...10</b>	

IEC 60947-7-1		
IEC	UL	CSA
800	300	300
41	33	33
6	AWG 20...8	AWG 20...8
8 / 3		
A5 / V-0		
IEC 60947-7-1		
Rated connection		
0.5...10 / 1.5...6		
0.5...6 / 0.5...6		
13 / 0.8 x 4 mm		
400V when used as a disconnect terminal. Tightening torque for disconnection element of ZTL 6 with screw = 0.5 to 0.6 Nm		

Type	Qty	Order No.
ZTL 6/STB	20	1771950000
ZTL 6	20	1771800000

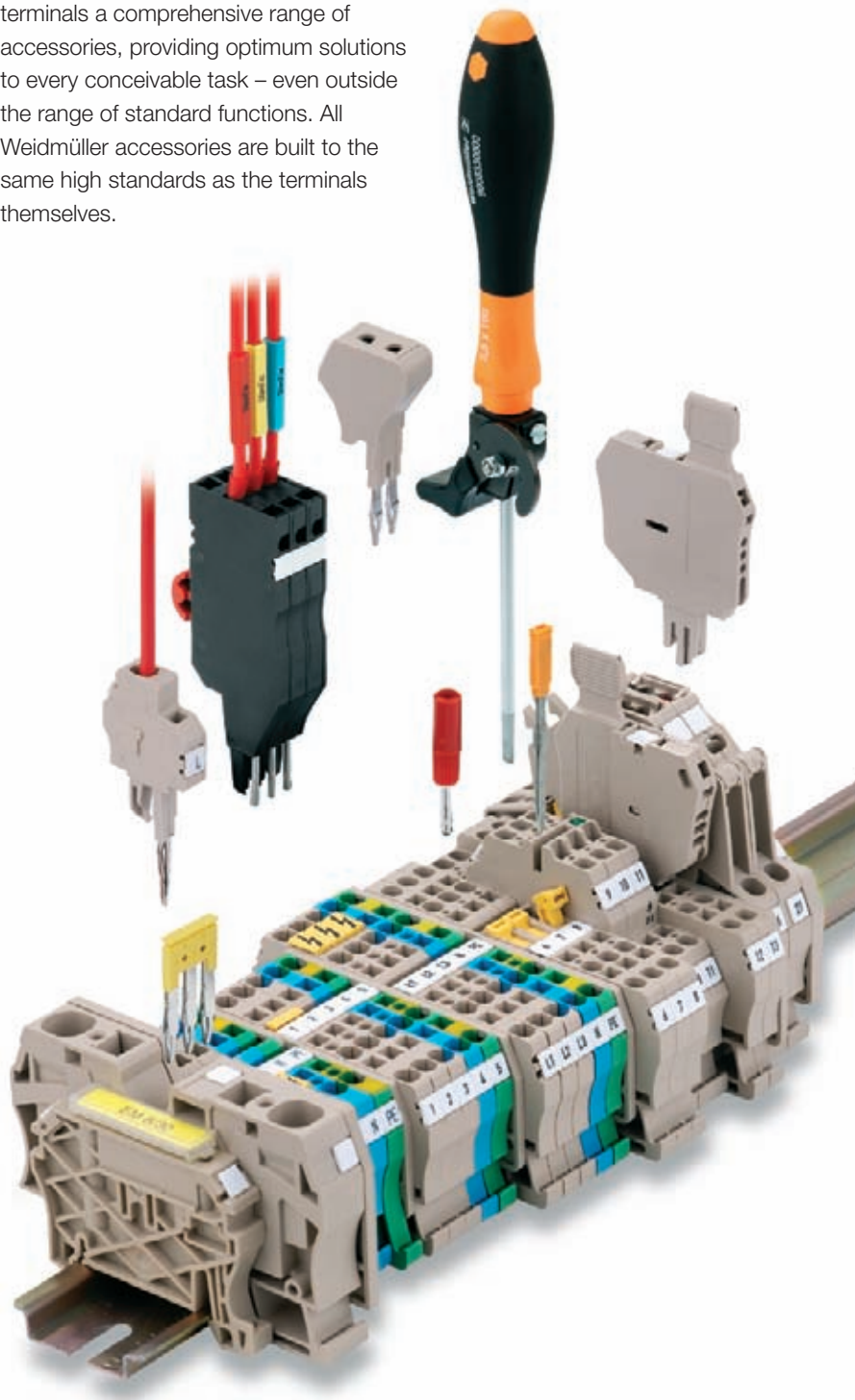
Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
Width			
ZTW ZTL6	2 mm	20	1771870000
Testing / Checking			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 21.6/IH/GE WTL6/3	6.2 mm	50	1071010000
STB 21.6/IH/GN WTL6/3	6.2 mm	50	1071020000
STB 21.6/IH/VI WTL6/3	6.2 mm	50	1071030000
STB 21.6/IH/BL WTL6/3	6.2 mm	50	1071080000
Miscellaneous accessories			
KSBR/2 ZTL6		20	1771820000
KSBR/3 ZTL6		20	1771830000
KSBR/4 ZTL6		20	1771840000
Marker holder			
BZT ZTL6		20	1781140000

DEK 5/8 / WS 12/6,5  
Plug-in tag carrier for additional marking tags above the cross-connection channel (BZT ZTL 6)

# Extra functions

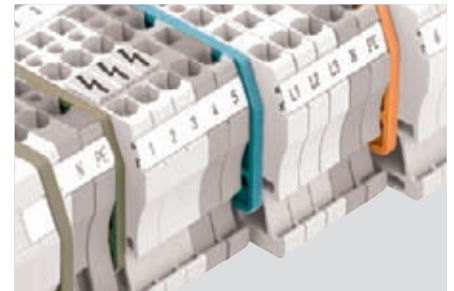
## Extra functions

Weidmüller offers the user of Z-Series terminals a comprehensive range of accessories, providing optimum solutions to every conceivable task – even outside the range of standard functions. All Weidmüller accessories are built to the same high standards as the terminals themselves.



## Visual separation

Page D.114

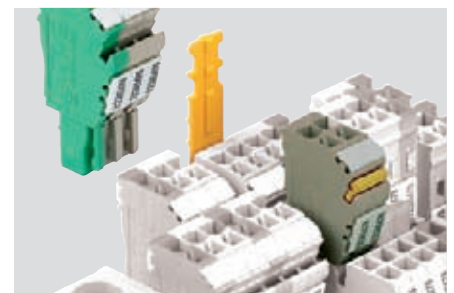


To guarantee “finger-safe” use of terminals, the open sides are covered with end cover plates and partition plates to prevent any contact with conducting parts.

End cover plates and partition plates also come in different colours so that they can be used for visual separation of different circuits.

## Pluggable terminals

Page D.126



### WeiCoS

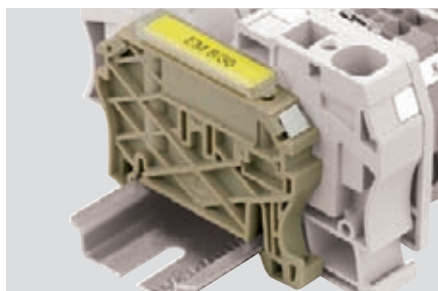
#### Weidmüller Connection System

This new generation of pluggable terminals is structured on the modular principle. The basic elements of the WeiCoS system are one terminal for the functional unit on the mounting rail and a plug-in connector for elements to be connected (cable harness production).



**Fastening**

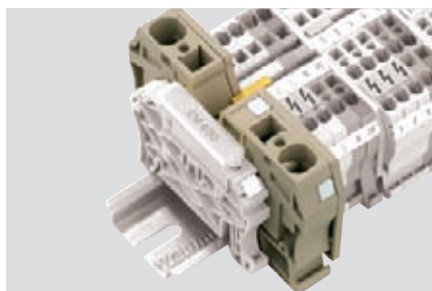
Chapter G



An end bracket is fitted on the mounting rail to the right and left of the terminals to ensure that they sit firmly in position. The marking surface of the end bracket can also be used for group marking. Details of the wide range of Weidmüller end brackets and mounting rails are given in **chapter G**.

**Electrical supply**

Page D.118



Weidmüller's tension clamp terminals have three supply terminals: **ZEI 16** for standard terminals **ZEI 16-2/1 AN** for Roof-Style terminals **ZEI 6** for ZDU 1.5 ... Cross-connections divide the supply current into several feeder currents. Current is supplied across a conductor cross-section of 16 mm<sup>2</sup> and then distributed across neighbouring terminals for 1.5 mm<sup>2</sup>, 2.5 mm<sup>2</sup>, 4 mm<sup>2</sup> and 6 mm<sup>2</sup> cross-sectional areas.

**Electrical distribution**

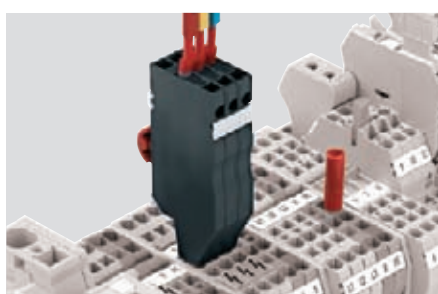
Page D.120



A plug-in **cross-connection system (ZQV)** is available for all Z-Series terminals. The current is distributed across any number of terminals by simply plugging the cross-connection into the middle of the terminals. As a rule, 400 V can be conveyed across the cross-section, depending on the rated voltage of the terminal.

**Testing**

Page D.134



The slot-in test adapter (ZTA) is used as a single unit and as a test adapter strip for voltage measurement in control cabinets. The test adapter is ideal for convenient, rational testing of assembled terminals. It is simply slotted onto the terminal. This creates contact with the current carrying busbar. The unit is released from the terminal simply by pressing the release button.

**Marking and connecting**

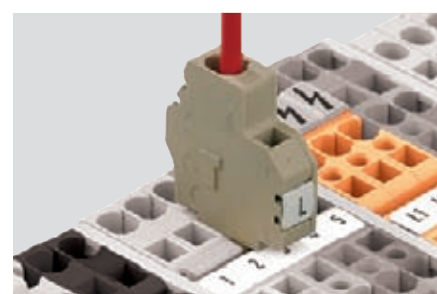
Page D.136



Weidmüller's marking systems in **chapter G** are used to mark tension clamp terminals. Individual terminals, terminal groups and conductors can be marked. The conductors are connected in the tension clamp terminals with standard screwdrivers, as shown in **chapter G**. As an alternative to screwdrivers, fully insulated operating tools are also available; see page D.136.

**Specific functions/  
colour variations**

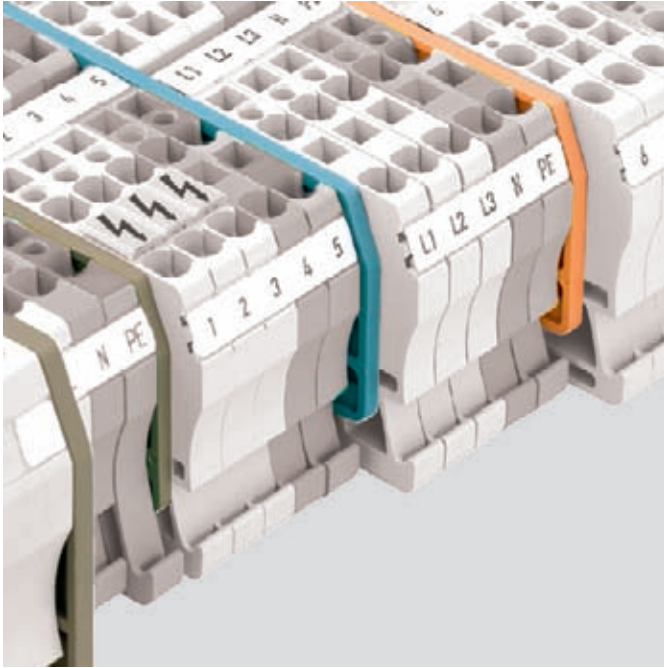
Page D.138



Further helpful accessories are available for terminals using tension clamp technology, such as:

- Pluggable extra connections (ZZA)
- Housings for installation of electronic components (ZBS 1)
- Pluggable fuse holder (SIHA 1 to SIHA 3)
- Terminals in various colours.
- Accessories for fuses
- Reducing sleeves

## End plates



## Touch-safe protection

The last terminal in a terminal strip must be closed off with a ZAP/TW-type end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes. This ensures that the touch-safe requirement is met for live-voltage components and that the terminals are touch-safe.

## Optical separation

Coloured end plates are very frequently used for optically distinguishing the circuits.

## Ensuring the operating voltage

End plates can also be used to maintain the required clearance and creepage distances, in order to guarantee the rated voltage for the application. They can be used when cross-connections are used side-by-side.

## Contour matching

The overall dimensions of the end plates match the external dimensions of the associated terminal.

## Mounting

The end plate's snap-in pegs allow it to be simply fitted on to the corresponding terminal. The corresponding indentations in the terminal are used to ensure that position follows the identical contours.

## ... for standard terminals

Type	Colour	Qty	Order No.	For terminal:
<b>Width 2 mm</b>				
ZAP/TW ZDU1.5/2AN	beige	20	1776030000	ZDU 1.5
ZAP/TW ZDU1.5/2AN BL	blue	20	1776040000	ZDU 1.5 BL
ZAP/TW ZDU1.5/2AN OR	Orange	20	1776050000	ZPE 1.5
<b>Width 2 mm</b>				
ZAP/TW ZDU1.5/3AN	beige	20	1776060000	ZDU 1.5/3 AN
ZAP/TW ZDU1.5/3AN BL	blue	20	1776070000	ZDU 1.5/3 AN/BL
ZAP/TW ZDU1.5/3AN OR	Orange	20	1776080000	ZPE 1.5/3AN
<b>Width 2 mm</b>				
ZAP/TW ZDU1.5/4AN	beige	20	1776090000	ZDU 1.5 2X2AN
ZAP/TW ZDU1.5/4AN BL	blue	20	1776100000	ZDU 1.5 2X2AN BL
ZAP/TW ZDU1.5/4AN OR	Orange	20	1776110000	ZDU 1.5/4 AN
				ZDU 1.5/4 AN/BL
				ZPE 1.5/4AN
<b>Width 2 mm</b>				
ZAP/TW ZDK1.5	dark beige	20	1791160000	ZDK 1.5
ZAP/TW ZDK1.5 BL	blue	20	1791170000	ZDK 1.5 BL
ZAP/TW ZDK1.5 OR	Orange	20	1791180000	ZDK 1.5 PE
				ZDK 1.5DU-PE
				ZDK 1.5V
				ZDK 1.5V BL
<b>Width 2 mm</b>				
ZAP/TW 1	dark beige	50	1608740000	ZDU 2.5
ZAP/TW 1 BL	blue/light blue	50	1608750000	ZDU 2.5 BL
ZAP/TW 1 GN	green	50	1683680000	ZPE 2.5
ZAP/TW 1 GR	grey	50	1683710000	ZTR 2.5
ZAP/TW 1 OR	Orange	50	1608760000	ZTR 2.5 BL
ZAP/TW 1 RT	red	50	1683660000	ZTR 2.5/O. TNHE
<b>Width 2 mm</b>				
ZAP/TW 2 BL	blue/light blue	50	1608780000	ZDU 2.5/3AN
ZAP/TW 2 DB	dark beige	50	1608770000	ZDU 2.5/3AN BL
ZAP/TW 2 GN	green	50	1683760000	ZPE 2.5/3AN
ZAP/TW 2 OR	Orange	50	1608790000	
<b>Width 2 mm</b>				
ZAP/TW 3	dark beige	50	1608800000	ZDU 2.5/2X2AN
ZAP/TW 3 BL	blue/light blue	50	1608810000	ZSI 2.5
ZAP/TW 3 GN	green	50	1683840000	ZSI 2.5/5X25
ZAP/TW 3 GR	grey	50	1683870000	ZSI 2.5/LD 120AC
ZAP/TW 3 OR	Orange	50	1608820000	ZSI 2.5/LD 250AC
ZAP/TW 3 RT	red	50	1683820000	ZSI 2.5/LD 28AC
ZAP/TW 3 SW	black	50	1683890000	ZSI 2.5/LD 60AC
ZAP/TW 3 WS	white	50	1683880000	ZTR 2.5/3AN
				ZTR 2.5/3AN BL
				ZTR 2.5/3AN/O. TNHE
				ZTR 2.5/4AN
				ZDU 2.5/2X2AN BL
				ZTR 2.5/4AN BL
				ZTR 2.5/4AN/O. TNHE
				ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZDU 2.5/2X2AN/LD+
				ZDU 2.5/2X2AN/LD-
				ZDU 2.5/4AN
				ZDU 2.5/4AN BL
				ZPE 2.5/4AN
<b>Width 1.5 mm</b>				
ZAP/TW ZDK2.5	dark beige	20	1674730000	ZDK 2.5
ZAP/TW ZDK2.5 BL	blue/light blue	20	1748800000	ZDK 2.5/D/1
ZAP/TW ZDK2.5 OR	Orange	20	1690080000	ZDK 2.5/D/2
				ZDK 2.5/D/4
				ZDK 2.5/D/5
				ZDK 2.5/D/6
				ZDK 2.5/LD RT/1
				ZDK 2.5/LD RT/2
				ZDK 2.5V
				ZDK 2.5 BL
				ZDK 2.5 DU-PE
				ZDK 2.5 EM
				ZDK 2.5 N-DU
				ZDK 2.5 N-PE
				ZDK 2.5 OR
				ZDK 2.5 PE
				ZDK 2.5 V BL

... for standard terminals

Type	Colour	Qty	Order No.	For terminal:
<b>Width 1.5 mm</b>				
ZAP ZDLD2.5-2	dark beige	20	1718370000	ZDLD 2.5-2 N
ZAP/TW ZDLD2.5-2N	dark beige	20	1782340000	ZDLD 2.5-2 N/BL
ZAP/TW ZDLD2.5-2N BL	blue	20	1782350000	ZDLD 2.5-2 VN ZDLD 2.5-2 VN/BL
<b>Width 1.5 mm</b>				
ZAP ZMAK2.5	dark beige	10	1768010000	ZMAK 2.5
<b>Width 1.5 mm</b>				
AP ZDTR2.5	dark beige	20	1745420000	ZDTR 2.5
AP ZDTR2.5 BL	blue	20	1798340000	ZDTR 2.5 BL
<b>Width 2 mm</b>				
ZAP/TW 4 BL	blue/light blue	50	1632100000	ZDU 4
ZAP/TW 4	dark beige	50	1632090000	ZDU 4 BL
ZAP/TW 4 GN	green	50	1683920000	ZPE 4
ZAP/TW 4 OR	Orange	50	1632110000	
<b>Width 2 mm</b>				
ZAP/TW 4/3AN BL	blue	20	7904110000	ZDU 4/3AN
ZAP/TW 4/3AN OR	Orange	20	7904120000	ZDU 4/3AN BL
ZAP/TW 4/3AN	dark beige	20	7904100000	ZPE 4/3AN
<b>Width 2 mm</b>				
ZAP/TW4/4AN	dark beige	20	7904210000	ZDU 4/4AN
ZAP/TW4/4AN BL	blue	20	7904220000	ZDU 4/4AN BL
ZAP/TW4/4AN OR	Orange	20	7904230000	ZPE 4/4AN
<b>Width 2 mm</b>				
ZAP/TW 5	dark beige	50	1608830000	ZDU 6
ZAP/TW 5 BL	blue/light blue	50	1608840000	ZDU 6 BL
ZAP/TW 5 OR	Orange	50	1608850000	ZPE 6
<b>Width 2 mm</b>				
ZAP/TW6/3AN BL	blue	20	7907380000	ZDU 6/3AN
ZAP/TW6/3AN OR	Orange	20	7907390000	ZDU 6/3AN BL
ZAP/TW6/3AN	dark beige	20	7907370000	ZPE 6/3AN
<b>Width 2.7 mm</b>				
ZAP/TW ZDU10	beige	20	1748660000	ZDU 10
ZAP/TW ZDU10 BL	blue/light blue	20	1764110000	ZDU 10 BL
ZAP/TW ZDU10 OR	Orange	20	1748670000	ZPE 10
<b>Width 3 mm</b>				
ZAP/TW 10/16	beige	20	1749580000	ZDU 10/3AN
ZAP/TW 10/16 BL	blue	20	1768520000	ZDU 10/3AN BL
ZAP/TW 10/16 OR	Orange	20	1749590000	ZDU 16/3AN ZDU 16/3AN BL ZPE 10/3AN ZPE 16/3AN
<b>Width 3 mm</b>				
ZAP/TW ZDU16	dark beige	20	1745150000	ZDU 16
ZAP/TW ZDU16 BL	blue/light blue	20	1764100000	ZDU 16 BL
ZAP/TW ZDU16 OR	Orange	20	1745160000	ZPE 16

... for roof-style terminals

Type	Colour	Qty	Order No.	For terminal:
<b>Width 2.5 mm</b>				
ZAP/TW7	dark beige	50	1706110000	ZDU 2.5-2
ZAP/TW7 BL	blue/light blue	50	1706120000	ZDU 2.5-2 BL
ZAP/TW7 OR	Orange	50	1706130000	ZDU 2.5-2/3AN ZDU 2.5-2/3AN BL ZDU 2.5-2/4AN ZDU 2.5-2/4AN BL ZDU 2.5-2/D+ ZDU 2.5-2/D- ZPE 2.5-2 ZPE 2.5-2/3AN ZPE 2.5-2/4AN ZTR 2.5-2 ZTR 2.5-2 BL ZTR 2.5-2/O.TNHE
<b>Width 2 mm</b>				
ZAP/TW ZDK2.5-2	dark beige	20	1791050000	ZDK 2.5-2
ZAP/TW ZDK2.5-2 BL	blue	20	1791060000	ZDK 2.5-2 BL
ZAP/TW ZDK2.5-2 OR	Orange	20	1791070000	ZDK 2.5-2 PE ZDK 2.5V ZDK 2.5V BL

... for roof-style terminals

Type	Colour	Qty	Order No.	For terminal:
<b>Width 2 mm</b>				
ZAP/TW ZDKPE2.5-2	dark beige	25	1805960000	ZDKPE 2.5-2 ZDKPE 2.5-2/N/L/PE
<b>Width 2 mm</b>				
ZAP ZDU4-2	dark beige	50	1770400000	ZDU 4-2/2AN
ZAP ZDU4-2 BL	blue	50	1770880000	ZDU 4-2/2AN BL
ZAP ZDU4-2 OR	Orange	50	1770890000	ZDU 4-2/3AN ZDU 4-2/3AN BL ZDU 4-2/3AN LSC ZPE 4-2/2AN ZPE 4-2/3AN
<b>Width 2 mm</b>				
ZAP ZDU4-2/4AN	dark beige	50	1807010000	ZDU 4-2/4AN
ZAP ZDU4-2/4AN BL	blue	50	1807020000	ZDU 4-2/4AN BL
ZAP ZDU4-2/4AN OR	Orange	50	1807030000	ZPE 4-2/4AN
<b>Width 2.5 mm</b>				
ZAP ZDU6-2	dark beige	50	1771440000	ZDU 6-2/2AN
ZAP ZDU6-2 BL	blue	50	1771450000	ZSI 6-2 2X2.5/G20
ZAP ZDU6-2 OR	Orange	50	1771460000	ZSI 6-2 2X2.5/G20/LD1 ZSI 6-2 2X2.5/G20/LD2 ZSI 6-2 2X2.5/G20/LD3 ZSI 6-2 2X2.5/G20/LD4 ZSI 6-2/FC ZSI 6-2/FC LD ZTR 6-2 ZTR 6-2 E / 230V UC ZTR 6-2 E / 24V DC ZDU 6-2/2AN BL ZDU 6-2/3AN ZDU 6-2/3AN BL ZPE 6-2/2AN ZPE 6-2/3AN ZSI 2.5-2/2X2AN/G20 ZSI 2.5-2/2X2AN/G20/LD1 ZSI 2.5-2/2X2AN/G20/LD2
ZAP ZDU6-2 SW	black	50	1814710000	
<b>Width 2.5 mm</b>				
ZAP/Z...16-2/1AN	dark beige	10	1772970000	ZPE 16-2/1AN

... for initiator-actuator terminals

Type	Colour	Qty	Order No.	For terminal:
<b>Width 5.1 mm</b>				
ZAP/TW ZPV1.5	dark beige	50	1674650000	ZAP/TW ZPV1.5 ZPV 1.5
<b>Width 5.1 mm</b>				
ZAP/TW ZIA1.5/3L	beige	50	1649540000	ZIA 1.5/3L-1S ZIA 1.5/3L-1S/LD ZIA 1.5/3L-PE
<b>Width 5.1 mm</b>				
ZAP/TWZIA1.5/4L	beige	50	1649550000	ZIA 1.5/4L-1S ZIA 1.5/4L-1S/LD ZIA 1.5/4L-PE
<b>Width 5 mm</b>				
AP ZRV1.5 DB	dark beige	10	1698180000	



## Accessories - Optical separation

## ... for installations terminals

Type	Colour	Qty	Order No.	For terminal:
<b>Width 3 mm</b>				
ZHP Z/W BL	blue	20	<b>1745180000</b>	ZDU 10S
ZHP ZDL2.5S BL	blue	20	<b>1720890000</b>	ZDU 10S BL
				ZDU 16S
				ZDU 16S BL
				ZNT 10S
				ZNT 16S
				ZNT 35
				ZPE 10S
				ZPE 16S
<b>Width 2 mm</b>				
ZAP ZDU10/16S	dark beige	20	<b>1739660000</b>	ZDU 10/NT
				ZDU 10S
				ZDU 10S BL
				ZDU 16S
				ZDU 16S BL
				ZNT 10S
				ZNT 16S
				ZPE 10S
				ZPE 16S
<b>Width 5 mm</b>				
ZHP Z/W SO	blue	20	<b>1781070000</b>	ZDU 10S
				ZDU 10S BL
				ZDU 16S
				ZDU 16S BL
				ZNT 10S
				ZNT 16S
				ZNT 35
				ZPE 10S
				ZPE 16S
<b>Width 2 mm</b>				
ZAP ZDU 2.5 S	dark beige	20	<b>1808030000</b>	ZDU 2.5 S
ZAP ZDU 2.5 S BL	blue	20	<b>1808040000</b>	ZDU 2.5 S BL
ZAP ZDU 2.5 S OR	Orange	20	<b>1808050000</b>	ZNT 2.5 S
				ZPE 2.5 S
<b>Width 2 mm</b>				
ZAP ZDU 4 S	dark beige	20	<b>1808380000</b>	ZDU 4 S
ZAP ZDU 4 S BL	blue	20	<b>1808390000</b>	ZDU 4 S BL
				ZNT 4 S
				ZPE 4 S
<b>Width 2 mm</b>				
ZAP ZDU 6 S	dark beige	20	<b>1808250000</b>	ZDU 6 S
ZAP ZDU 6 S BL	blue	20	<b>1808260000</b>	ZDU 6 S BL
				ZNT 6 S
				ZPE 6 S
<b>Width 3 mm</b>				
ZHP S	blue	20	<b>1808290000</b>	ZDU 2.5 S
ZHP S SO	blue	20	<b>1808280000</b>	ZPE 2.5 S
				ZPE 4 S
				ZPE 6 S
				ZDU 2.5 S BL
				ZDU 4 S
				ZDU 4 S BL
				ZDU 6 S
				ZDU 6 S BL
				ZNT 2.5 S
				ZNT 4 S
				ZNT 6 S

## ... for mini-terminals

Type	Colour	Qty	Order No.	For terminal:
<b>Width 1.5 mm</b>				
ZAP/TW ZDUA	dark beige	50	<b>1720960000</b>	ZDUA 2.5-2
ZAP/TW ZDUA BL	blue/light blue	50	<b>1720970000</b>	ZDUA 2.5-2 BL
ZAP/TW ZDUA OR	Orange	50	<b>1720980000</b>	ZPEA 2.5-2
<b>Width 2.5 mm</b>				
ZAP/TW ZDUA2.5-2N	dark beige	50	<b>1808170000</b>	ZDUA 2.5-2N
				ZDUA 2.5-2N BL
				ZPEA 2.5-2N
<b>Width 5 mm</b>				
ZAP ZDUB	dark beige	50	<b>1704750000</b>	ZDUB 2.5-2/2AN/15
ZAP ZDUB BL	blue/light blue	50	<b>1704760000</b>	ZDUB 2.5-2/2AN/RC BL
ZAP ZDUB OR	Orange	50	<b>1704770000</b>	ZDUB 2.5-2/2AN/RC GE
				ZDUB 2.5-2/2AN/RC OR
				ZDUB 2.5-2/4AN/15
				ZDUB 2.5-2/4AN/15 BL
				ZDUB 2.5-2/4AN/DB
				ZDUB 2.5-2/4AN/DB BL
				ZDUB 2.5-2/4AN/DB GE
				ZDUB 2.5-2/4AN/DM
				ZDUB 2.5-2/4AN/DM BL
				ZDUB 2.5-2/2AN/15 BL
				ZDUB 2.5-2/4AN/DM GE
				ZDUB 2.5-2/4AN/RC
				ZDUB 2.5-2/4AN/RC/BL
				ZDUB 2.5-2/4AN/RC/GE
				ZPEB 2.5-2/2AN
				ZDUB 2.5-2/2AN/DB
				ZDUB 2.5-2/2AN/DB BL
				ZDUB 2.5-2/2AN/DB GE
				ZDUB 2.5-2/2AN/DM
				ZDUB 2.5-2/2AN/DM BL
				ZDUB 2.5-2/2AN/DM GE
				ZDUB 2.5-2/2AN/RC
<b>Width 5 mm</b>				
ZTW ZDUB	dark beige	50	<b>1704340000</b>	ZDUB 2.5-2/2AN/15
				ZDUB 2.5-2/2AN/RC BL
				ZDUB 2.5-2/2AN/RC GE
				ZDUB 2.5-2/2AN/RC OR
				ZDUB 2.5-2/4AN/15
				ZDUB 2.5-2/4AN/15 BL
				ZDUB 2.5-2/4AN/DB
				ZDUB 2.5-2/4AN/DB BL
				ZDUB 2.5-2/4AN/DB GE
				ZDUB 2.5-2/4AN/DM
				ZDUB 2.5-2/4AN/DM BL
				ZDUB 2.5-2/2AN/15 BL
				ZDUB 2.5-2/4AN/DM GE
				ZDUB 2.5-2/4AN/RC
				ZDUB 2.5-2/4AN/RC/BL
				ZDUB 2.5-2/4AN/RC/GE
				ZPEB 2.5-2/2AN
				ZDUB 2.5-2/2AN/DB
				ZDUB 2.5-2/2AN/DB BL
				ZDUB 2.5-2/2AN/DB GE
				ZDUB 2.5-2/2AN/DM
				ZDUB 2.5-2/2AN/DM BL
				ZDUB 2.5-2/2AN/DM GE
				ZDUB 2.5-2/2AN/RC

... for WeiCoS pluggable terminals

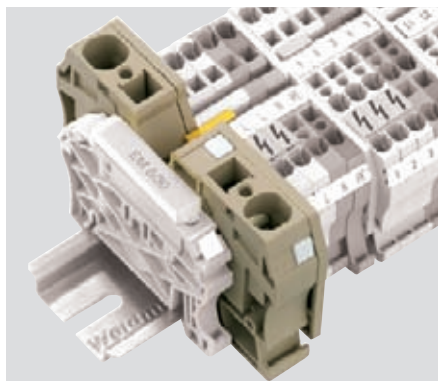
Type	Colour	Qty	Order No.	For terminal:
<b>Width 2.5 mm</b>				
ZAP/TW ZT2.5/2AN	dark beige	50	1816030000	ZT 2.5/2AN/1
ZAP/TW ZT2.5/2AN OR	Orange	50	1816040000	ZTPE 2.5/2AN/1
<b>Width 2.5 mm</b>				
ZAP/TW ZT2.5/3AN	dark beige	50	1816050000	ZT 2.5/3AN/1 ZTPE 2.5/3AN/1
<b>Width 2.5 mm</b>				
ZAP/TW ZT2.5/4AN/2	dark beige	50	1816070000	ZT 2.5/4AN/2
ZAP/TW ZT2.5/4AN/2 OR	Orange	50	1816080000	ZTPE 2.5/4AN/2
<b>Width 2.5 mm</b>				
ZAP/TW ZT2.5/4AN/4	dark beige	50	1816090000	ZT 2.5/4AN/4
ZAP/TW ZT2.5/4AN/4 OR	Orange	50	1816100000	ZTC 2.5/4AN/4 ZTCPE 2.5/4AN/4 ZTPE 2.5/4AN/4
<b>Width 2.5 mm</b>				
ZAP/TW ZDT2.5/2	dark beige	50	1816110000	ZDT 2.5/2 ZDT 2.5/2 DU-PE ZDT 2.5/2 PE
<b>Width</b>				
ZAP/TW ZTTR2.5	dark beige	50	1865520000	ZTTR 2.5 ZTTR 2.5/O. TNHE

... for custom applications

Type	Colour	Qty	Order No.	For terminal:
<b>Width 2 mm</b>				
ZTW ZTL6	dark beige	20	1771870000	ZTD 6
ZTW ZTL6 OR	Orange	20	1771880000	ZTD 6/STB ZTL 6 ZTL 6/STB
<b>Width 1.5 mm</b>				
ZAP ZDU4/NT	dark beige	20	1757970000	ZDU 4/NT ZDU 4/NT DB
<b>Width 2 mm</b>				
ZAP ZDU10/16S	dark beige	20	1739660000	ZDU 10/NT ZDU 10S ZDU 10S BL ZDU 16S ZDU 16S BL ZNT 10S ZNT 16S ZPE 10S ZPE 16S

**Accessories – Electrical supply**

**ZEI 16 supply terminal**



The ZEI 16 supply terminal can be used for supplying current up to a conductor cross-section of 25 mm<sup>2</sup>.

Standard cross-connections then distribute the current to any number of terminals with a smaller cross-sectional area.

The following tables show a number of options for distributing current at the supply point, together with corresponding cross-connections and the maximum current.

**Integrated partition plate**



**Output possible on left and right**



**Output options and corresponding cross-connections**

Supply terminals	Output terminals	Cross-connection	Supply left	Supply right
<b>ZEI 16</b>	<b>ZDU 2.5</b>	<b>ZQV 2.5/...</b>	•	•
	<b>ZDU 2.5/4AN</b>	<b>ZQV 2.5/...</b>	•	•
	<b>ZDU 2.5N</b>	<b>ZQV 2.5/...</b>	•	•
	<b>ZDU 2.5N/3AN</b>	<b>ZQV 2.5/...</b>	•	•
	<b>ZDU 2.5N/4AN</b>	<b>ZQV 2.5/...</b>	•	•
	<b>ZDU 4</b>	<b>ZQV 4/...</b>	•	•
	<b>ZDU 4/3AN</b>	<b>ZQV 4/...</b>	•	• 1)
	<b>ZDU 4/4AN</b>	<b>ZQV 4/...</b>	•	• 1)
	<b>ZDU 6</b>	<b>ZQV 6/...</b>	•	•
	<b>ZDU 6/3AN</b>	<b>ZQV 6/...</b>	•	• 1)
	<b>ZTR 2.5</b>	<b>ZQV 2.5/...</b>	• 2)	• 2)
	<b>ZTR 2.5/3AN</b>	<b>ZQV 2.5/...</b>	• 2)	• 2)
<b>ZTR 2.5/4AN</b>	<b>ZQV 2.5/...</b>	•	•	
Supply terminals	Output terminals	Cross-connection	Supply left	Supply right
<b>ZEI 6</b>	<b>ZDU 1.5</b>	<b>ZQV 1.5/...</b>	•	•
	<b>ZDU 1.5/3AN</b>	<b>ZQV 1.5/...</b>	•	•
	<b>ZDU 1.5/4AN</b>	<b>ZQV 1.5/...</b>	•	• 1)

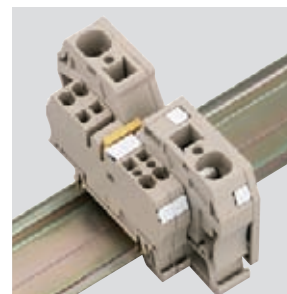
1) with IEPL 2) with QVAR



$$I_{max} = \sum I_n \text{ (left)}$$



$$I_{max} = \sum I_n \text{ (left)} + \sum I_n \text{ (right)}$$



$$I_{max} = \sum I_n \text{ (right)}$$

**Ordering data**

Type	Colour	Qty.	Order No.
ZEI 16	dark beige	20	1745350000
ZEI 16 BL	blue	20	1766240000
IEPL	dark beige	20	1859570000
QVAR	dark beige	20	1836370000

**Maximum possible current I<sub>max</sub>**

Supply terminals	Cross-connection	Supply conductor cross-section area	Supply left or right	Supply middle
<b>ZDU 2.5</b>	<b>ZQV 2.5</b>	16 mm <sup>2</sup>	48 A	76 A
		25 mm <sup>2</sup>	48 A	89 A
<b>ZDU 2.5/4AN</b>	<b>ZQV 2.5</b>	16 mm <sup>2</sup>	48 A	76 A
		25 mm <sup>2</sup>	48 A	89 A
<b>ZDU 4</b>	<b>ZQV 4</b>	16 mm <sup>2</sup>	64 A	76 A
		25 mm <sup>2</sup>	66 A	100 A
<b>ZDU 6</b>	<b>ZQV 6</b>	16 mm <sup>2</sup>	76 A	76 A
		25 mm <sup>2</sup>	82 A	100 A

**Supply with standard terminals**

According to IEC 60204-1 and IEC 60 439-1, when reducing the conductors within distribution boards and controllers, protective devices for cables and conductors can be installed up to a maximum of 3 metres away from the supply side and need not be positioned at the beginning of the supply side. The conductor before the output fuse must be routed to make it “short-circuit proof”.

**Supply on the left**



**Supply on the right**



**Supply options and corresponding cross-connections**

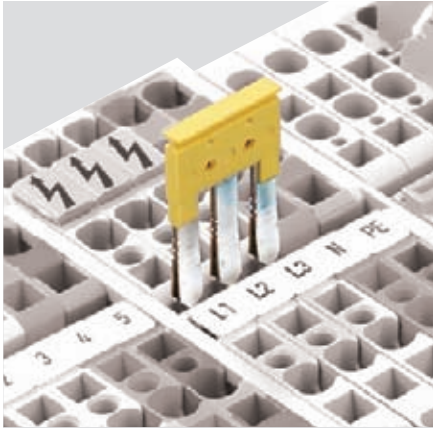
		on the right											
Output terminals	Supply terminals	ZDU 2.5	ZDU 2.5/3AN	ZDU 2.5/4AN	ZDU 2.5N	ZDU 2.5N/3AN	ZDU 2.5N/4AN	ZDU 4	ZDU 4/3AN	ZDU 4/4AN	ZTR 2.5	ZTR 2.5/3AN	ZTR 2.5/4AN
		<b>on the left</b>											
ZDU 4		•	• 2)	•	•	• 2)	•	•	•	•	• 2)	• 2)	•
ZDU 4/3AN		• 1)	• 2)	• 1)	• 1)	• 2)	• 1)	•	•	•	• 2)	• 2)	•
ZDU 4/4AN		• 1)	• 2)	• 1)	• 1)	• 2)	• 1)	•	•	•	• 2)	• 2)	• 1)
ZDU 6		•	• 2)	•	•	• 2)	•	•	•	•	• 2)	• 2)	•
ZDU 6/3AN		• 1)		• 1)	• 1)		• 1)						• 1)
		on the left											
Output terminals	Supply terminals	ZDU 2.5	ZDU 2.5/3AN	ZDU 2.5/4AN	ZDU 2.5N	ZDU 2.5N/3AN	ZDU 2.5N/4AN	ZDU 4	ZDU 4/3AN	ZDU 4/4AN	ZTR 2.5	ZTR 2.5/3AN	ZTR 2.5/4AN
		<b>on the right</b>											
ZDU 4		•	• 2)	• 1)	•	• 2)	• 1)	•	•	•	• 2)	• 2)	• 1)
ZDU 4 / 3 AN		•	• 2)	• 1)	•	• 2)	• 1)	•	•	•	• 2)	• 2)	• 1)
ZDU 4 / 4 AN		•	• 2)	• 1)	•	• 2)	• 1)	•	•	•	• 2)	• 2)	• 1)
ZDU 6		•	• 2)	• 1)	•	• 2)	• 1)	•	•	•	• 2)	• 2)	• 1)
ZDU 6 / 3 AN		•	• 2)	• 1)	•	• 2)	• 1)	•	•	•	• 2)	• 2)	•

1) with IEPL 2) with QVAR

D

## Accessories – Electrical supply

## Plug-in cross-connection ZQV



The time-saving, easy-to-use cross-connection comb for terminals, featuring tension clamp technology.

- **ZQV 2.5** as 2- to 10-pole combs and ZQV 2.5/20 – continuous (20-pole)
- **ZQV 4** as 2- to 10-pole combs and ZQV4/20 – continuous (20-pole)
- **ZQV 6** as 2- to 4-pole combs and ZQV6/32 – continuous (24-pole)
- **ZQV 10, ZQV 16** and **ZQV 35** as 2-pole combs (bridges)
- **ZQV 35-10, ZQV 35-16** and **ZQV 16-10** as reducer cross-connector distributes current from terminals with larger crosssections to terminals with smaller crosssection.
- **ZQV 2.5N** as 2- to 10-pole combs and ZQV2.5N/20 – continuous (20-pole)

These versions come with complete shock protection.

However, please note that the rated voltage is reduced to 400 V when using cross-connections (e.g. for terminal types ZDU 2.5 to ZDU 35 and ZDU 2.5-2). This does not apply to terminals with a rated voltage below 500 V. Here the rated voltage of the used terminal is mandatory (e.g. terminal types ZTR 2.5 and ZTR 2.5/3AN).

## Breaking out contact elements

Breaking out one or more (max. 60 %) contact elements from cross-connections enables certain terminals to be bypassed to suit the application.

## Fitting and changing cross-connection

The fitting and changing of cross-connections is a trouble-free and fast operation:  
– Insert the cross-connection into the cross-conn. channel in the terminal...

...and press it fully home.

(The cross-connection may not project from the channel.)

– Remove a cross-connection by simply prising it out with a screwdriver.

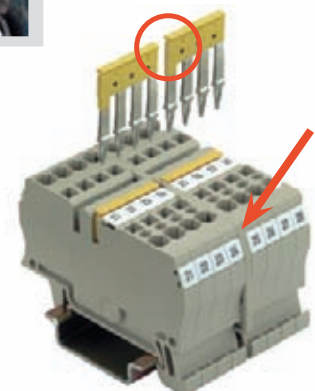
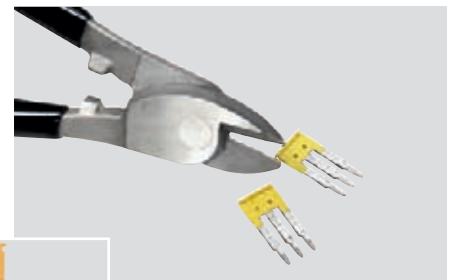
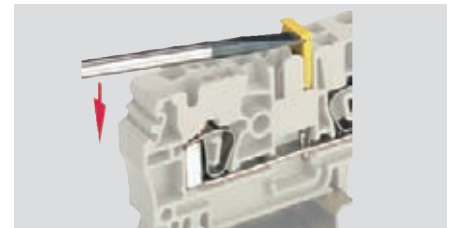
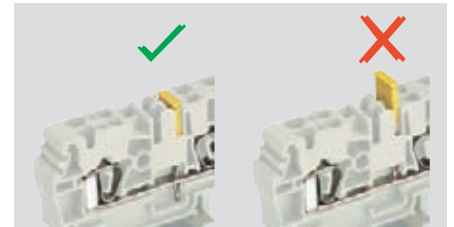
## Shortening cross-connections

Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order No. 900217). However, three contact elements must always be retained.

**Caution:**

Contact elements must not be deformed!

If a cross-connection is shortened, end plates or partition plates (ZAP/TW) must be used to maintain the rated voltage of 250 V (fitted to the bare cut edges of the cross-connection).





Possible combinations

In one cross-connection channel



In two cross-connection channels



Possible cross-connections of terminals of the same type with corresponding cross-connections

Terminal type	Cross-connection	single	adjacent	bridging	chain bridge	parallel bridging	parallel lengthening
Standard terminals							
ZDU 2.5	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5 / 3 AN	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5 / 4 AN	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5N	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5N / 3 AN	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5N / 4 AN	ZQV 2.5/...	•	•	•	•	•	•
ZTR 2.5 ...	ZQV 2.5/...	•	•	•	•	•	•
ZSI 2.5 ...	ZQV 2.5/...	•	•	•	•	•	•
ZDU 4 ...	ZQV 4/...	•	•	•	•	•	•
ZDU 6 ...	ZQV 6/...	•	•	•	•	•	•
ZDU 10, ZDU 16, ZDU 35	ZQV 10/2	•	•	•	•	•	•
ZPE 2.5	ZQV 2.5/...	•	•	•	•	•	•
ZPE 4	ZQV 4/...	•	•	•	•	•	•
ZPE 6	ZQV 6/...	•	•	•	•	•	•
ZPE 10, ZPE 16, ZPE 35	ZQV 10	•	•	•	•	•	•
Roof-Style terminals							
ZDU 2.5-2	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5-2 / 3 AN	ZQV 2.5/...	•	•	•	•	•	•
ZDU 4-2/...	ZQV 4/...	•	•	•	•	•	•
ZDU 6-2/...	ZQV 6/...	•	•	•	•	•	•
ZPE 2.5-2	ZQV 2.5/...	•	•	•	•	•	•
ZPE 2.5-2 / 3 AN	ZQV 42.5/...	•	•	•	•	•	•
ZPE 4-2/...	ZQV 4/...	•	•	•	•	•	•
ZPE 6-2/...	ZQV 6/...	•	•	•	•	•	•

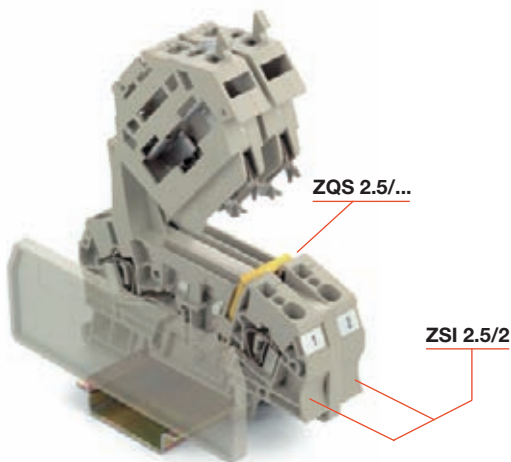


Alternative cross-connections available

Terminals with different rated cross-section



Fuse terminals with same rated cross-section



It is necessary to break out the cross-connection panel in the side wall of the fuse terminal.

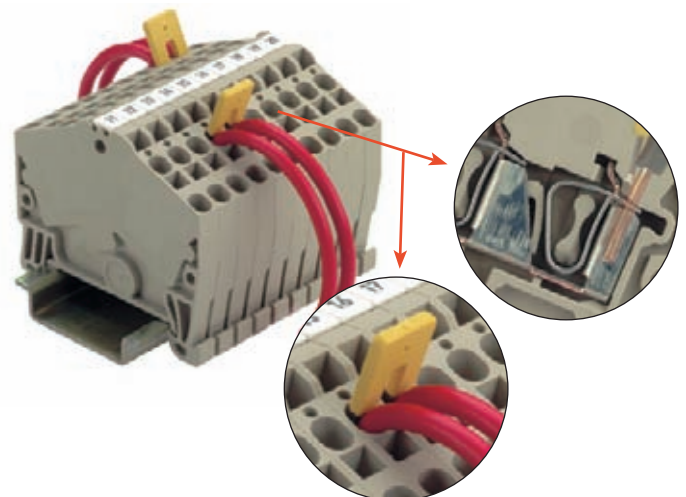


Terminals without cross-connection channel – ZDU 2.5-2 / 4 AN

To cross connect ZDU 2.5-2/4 AN terminals, which do not have cross-connection channels, use the ZQB 2.5 cross-connection bridge to provide a simple cross-connection solution.

The illustration shows how to fit **ZQB 2.5** correctly.

Always ensure that the conductor is placed between the tension clamp and ZQB 2.5.  
The conductor cross-sections is reduced to 1.5 mm<sup>2</sup> “e” and “f” as a result of using ZWB 2.5.





**ZQV 6**



41 / 41		
Type	Qty	Order No.
ZQV 6/2 GE	60	1627850000
ZQV 6/3 GE	60	1627860000
ZQV 6/4 GE	60	1627870000
ZQV 6/32 GE	10	1733640000
<b>For terminal:</b>		
ZDU 6 ...	ZDU 6-2 ...	
ZDK 6/S ...	ZDU 6 S	
ZTL 6 ...	ZNT 6 S	
ZEI 16 ZEI	ZEI 16-2/1 AN	

**ZQV 10/2**



57 / 17.5		
Type	Qty	Order No.
ZQV 10/2	25	1739680000
<b>For terminal:</b>		
ZDU 10 ...	ZDU 10 S	
ZDU 10 NT	ZNT 10 S	

**ZQV 16/2**



76 / 76		
Type	Qty	Order No.
ZQV 16/2	25	1739690000
<b>For terminal:</b>		
ZDU 16	ZDU 16 S	
ZPE 16	ZPE 16 S	
	ZNT 16 S	

**ZQV 35/2**



105 / 105		
Type	Qty	Order No.
ZQV 35/2	10	1739700000
<b>For terminal:</b>		
ZDU 35		
ZPE 35		
ZNT 35/S		

**ZQV 2.5N**



24 / 24		
Type	Qty	Order No.
ZQV 2.5N/2 GE	60	1693800000
ZQV 2.5N/3 GE	60	1693810000
ZQV 2.5N/4 GE	60	1693820000
ZQV 2.5N/5 GE	20	1693830000
ZQV 2.5N/6 GE	20	1693840000
ZQV 2.5N/7 GE	20	1693850000
ZQV 2.5N/8 GE	20	1693860000
ZQV 2.5N/9 GE	20	1693870000
ZQV 2.5N/10 GE	20	1693880000
<b>For terminal:</b>		
ZT 2.5 ...	ZDUA 2.5-2 ...	
ZDT 2.5 ...	ZDUA 2.5-2N ...	
ZP 2.5 ...	ZDL 2.5 ...	
ZTTQ 2.5 ...	ZDL 2.5 S	
ZTC ...		

**ZQB 2.5**



24 / 24		
Type	Qty	Order No.
ZQB 2.5-2	50	1677120000
<b>For terminal:</b>		
	ZDUB 2.5-2/4 AN	
	ZDU 2.5-2/4 AN	

The ZQB 2.5 cross-connector is used for connecting terminals without a separated cross-connection channel.  
The ZBW tools is used for opening the terminal points. (order no. 1650670000)

**ZQS 2.5**



/ 10		
Type	Qty	Order No.
ZQS 2.5/2	20	1633200000
ZQS 2.5/3	20	1633210000
ZQS 2.5/4	20	1633220000
ZQS 2.5/5	20	1633230000
<b>For terminal:</b>		
ZSI 2.5/2 ...		

**ZVQ 2.5/1.5**



/ 23		
Type	Qty	Order No.
ZVQ 2.5/1.5	50	1720700000
<b>For terminal:</b>		
ZDK 2.5 ...	ZDLD 2.5-2 ...	
ZDT 2.5/2		

## Accessories – WeiCoS pluggable modular terminals

## Plug accessories

WeiCoS 2.5 mm<sup>2</sup>

## Locking element

## ZVR ZP 2.5

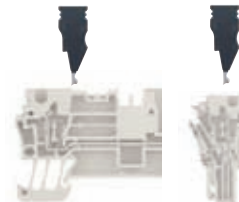


Ordering data	Type	Qty.	Order No.
	ZVR ZP 2.5	25	1816130000

## Test adapter

1 x 1827080000 and (n-1) x 1847600000 are required for setting up n-pole blocks.

## ZTA ZT 2.5



Ordering data	Type	Qty.	Order No.
	ZTA ZT 2.5 (without spigot)	25	1827080000
	ZTA ZT 2.5 (with spigot)	25	1847600000

## D

## Coding element

## KOSF ZT 2.5



Ordering data	Type	Qty.	Order No.
	KOSF ZT 2.5	50	1816150000

## Locking element

ZVR ZP 2.5 in conjunction with separate coupling

## ZVR ZPS 2.5



Ordering data	Type	Qty.	Order No.
	ZVR ZPS 2.5	20	1878620000

## Strain relief

## ZZE ZP 2.5



Ordering data	Type	Qty.	Order No.
	ZZE ZP 2.5 – 1-pole	25	1816140000
	ZZE ZP 2.5/4 – 4-pole	25	1866220000
	ZZE ZP 2.5/8 – 8-pole	25	1866230000

## Protective cover

## ZAD ZT / ZPS 2.5



Ordering data	Type	Qty.	Order No.
	ZAD ZT / ZPS 2.5	50	1861030000

Plug accessories

WeiCoS 4 mm<sup>2</sup>

Locking element

ZVR ZP 4



Ordering data	Type	Qty.	Order No.
	ZVR ZP 4	25	1855250000

Fixing set

ZT2/1AN / ZT4/2AN

Contents ZT2/1AN FX-Set:

- 20 fixing blocks with nuts
- 20 fixing brackets
- 20 M3 screws

Contents ZT4/2AN FX-Set:

- 20 fixing blocks with nuts
- 40 fixing brackets
- 40 M3 screws



Ordering data	Type	Qty.	Order No.
	ZT2/1AN FX-Set	20	1859750000
	ZT4/2AN FX-Set	20	1859740000

Coding element

KOSF ZT 4



Ordering data	Type	Qty.	Order No.
	KOSF ZT 4	50	1856860000

Strain relief

ZZE ZP 4



Ordering data	Type	Qty.	Order No.
	ZZE ZP 4	25	1855260000

**Accessories – WeiCoS pluggable modular terminals**

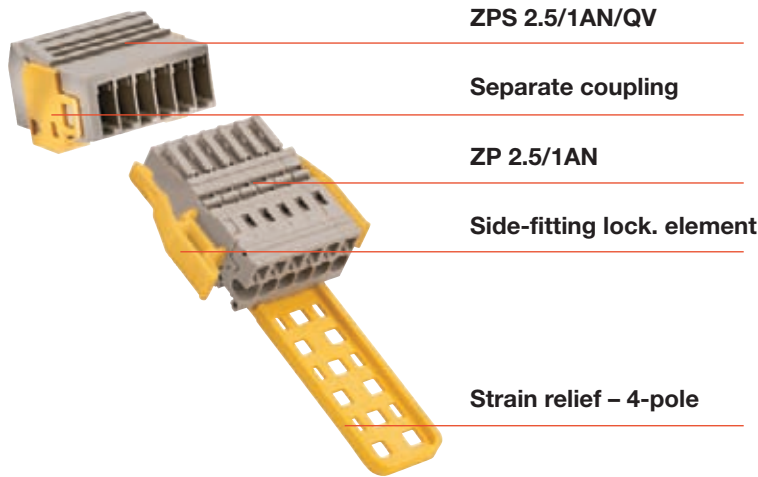
**Mounting set – separate coupling**

**Modern industry without modularity in the individual applications would be unthinkable**

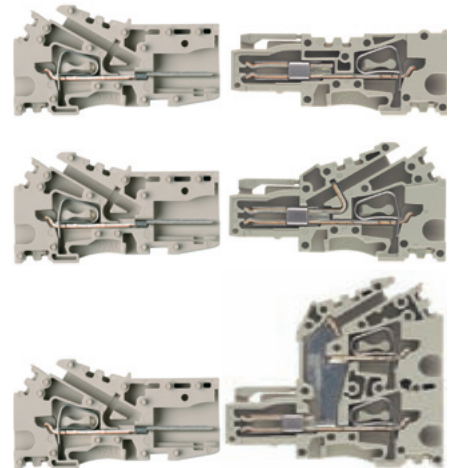
Coupled with high temperature and vibration demands, modularity requires the use of specially tested products. Wherever functional units are pre-assembled or have to be quickly separated, flexible systems are high on the agenda. The WeiCoS separate coupling represents a further extension to the Weidmüller modular concept. The WeiCoS separate coupling is the ideal solution for wiring without “heavyweight” enclosures.

The modular WeiCoS separate coupling concept from Weidmüller represents a compact alternative to the through-panel plug-in connector or signal and lighting distribution terminals. Together with the pluggable modular terminals from the WeiCoS range, they form an ideal combination for creating flexible functional units.

**D**



**Separate coupling – 3 plugs, 1 line**



Separate coupling

**ZVLA1 ZPS 2.5**



Alternative to the side-fitting locking element, the central locking element

**ZVR ZP 2.5**



Ordering data	Type	Qty.	Order No.
	ZVLA1 ZPS 2.5	20	1866250000

Ordering data	Type	Qty.	Order No.
	ZVR ZP 2.5	20	1816130000

Strain relief – 4-pole

**ZZE ZP 2.5 / 4 / 8**



**ZP 2.5/1AN/6**



Ordering data	Type	Qty.	Order No.
	ZZE ZP 2.5 – 1-pole	25	1816140000
	ZZE ZP 2.5/4 – 4-pole	25	1866220000
	ZZE ZP 2.5/8 – 8-pole	25	1866230000

Ordering data	Type	Qty.	Order No.
	ZP 2.5/1AN/6	25	1815520000

Side-fitting locking element

**ZVR ZPS 2.5**



**ZPS 2.5/1AN/QV 6**



Ordering data	Type	Qty.	Order No.
	ZVR ZPS 2.5	20	1878620000

Ordering data	Type	Qty.	Order No.
	ZPS 2.5/1AN/QV 6	25	1865940000



## Accessories – WeiCoS pluggable modular terminals

### Mounting set – coupling

#### The new options

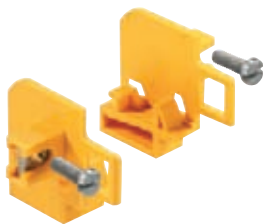
Although a separate coupling is very useful (enabling a connection to be disconnected at any point), users not always want them to be quite so readily separable.

Therefore, we have devised the following fixing variations for separate couplings:

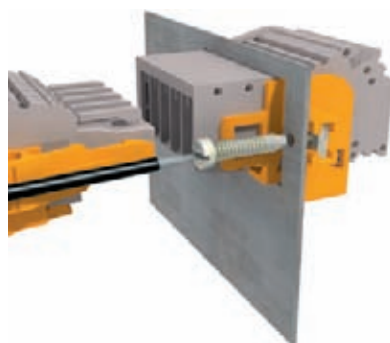
- Screws for fixing to a mounting plate or enclosure wall.
- Clips for fixing to a mounting plate or enclosure wall (in this version every pole can be provided with a clip if required).
- Clips for direct fixing to a terminal rail (TS 15 or TS 35).

And the special highlight is that coupling blocks can be supplied already fitted with the fixings you require. See page D.90 for details of pre-assembled coupling blocks.

### Screwed through-wall fixing



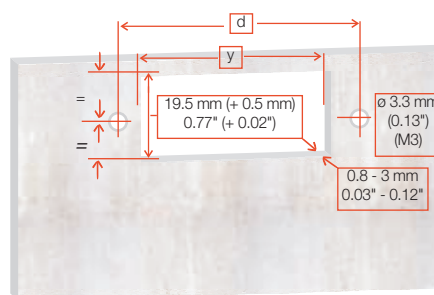
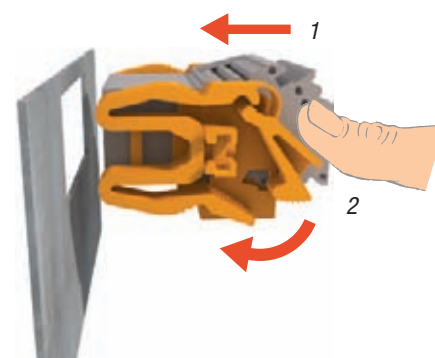
Type	Qty.	Order No.
ZVLA DF ZPS2.5	20	1878600000



### Clipped through-wall fixing

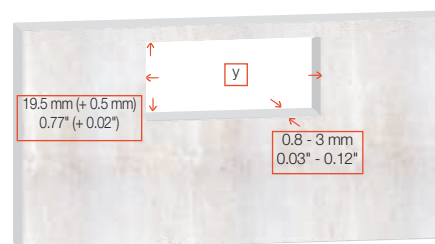


Type	Qty.	Order No.
ZVLA DF CL ZPS2.5	20	1878610000



$$y = n \times 5.1 \text{ mm} + 5.5 \text{ mm} \quad y = n \times 0.25" + 0.216"$$

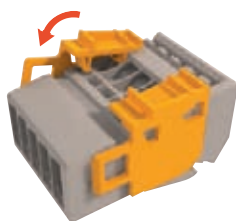
$$d = n \times 5.1 \text{ mm} + 13.5 \text{ mm} \quad d = n \times 0.25" + 0.53"$$



$$y = n \times 5.1 \text{ mm} + 17.5 \text{ mm}$$

$$y = n \times 0.25" + 0.69"$$

### WeiCoS



**Plug-in connector system with an infinite number of combinations – but always with the same fitting method.**

n-pole	y		d	
	mm	inch(")	mm	inch(")
2-pole	15.7	0.62	23.7	0.93
3-pole	20.8	0.82	28.8	1.13
4-pole	25.9	1.02	33.9	1.33
5-pole	31.0	1.22	38.9	1.53
6-pole	36.1	1.42	44.1	1.74
7-pole	41.2	1.62	49.2	1.94
8-pole	46.3	1.82	54.3	2.14
9-pole	51.4	2.02	59.4	2.34
10-pole	56.5	2.22	64.5	2.55
11-pole	61.6	2.43	69.6	2.74
12-pole	66.7	2.63	74.7	2.94
13-pole	71.8	2.83	79.8	3.14
14-pole	76.9	3.03	84.9	3.34
15-pole	82.0	3.23	90.0	3.54
16-pole	87.1	3.43	95.1	3.74

n-pole	y	
	mm	inch(")
2-pole	27.7	1.09
3-pole	32.8	1.29
4-pole	37.9	1.49
5-pole	43.0	1.69
6-pole	48.1	1.89
7-pole	53.2	2.09
8-pole	58.3	2.29
9-pole	63.4	2.49
10-pole	68.5	2.69
11-pole	73.6	2.90
12-pole	78.7	3.10
13-pole	83.8	3.30
14-pole	88.9	3.50
15-pole	94.0	3.70
16-pole	99.1	3.90

**Direct mounting – screwed**



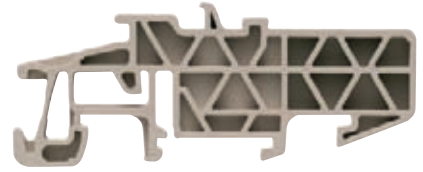
Type	Qty.	Order No.
ZVLA SC ZPS 2.5	20	1866240000

**Direct mounting – clipped**

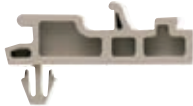


Type	Qty.	Order No.
ZVLA RC ZPS 2.5	20	1866260000

**on terminal rail**



Type	Qty.	Order No.
MOFU 15/35 ZPS 2.5	25	1899170000



Type	Qty.	Order No.
BA RC ZPS 2.5	100	1908560000

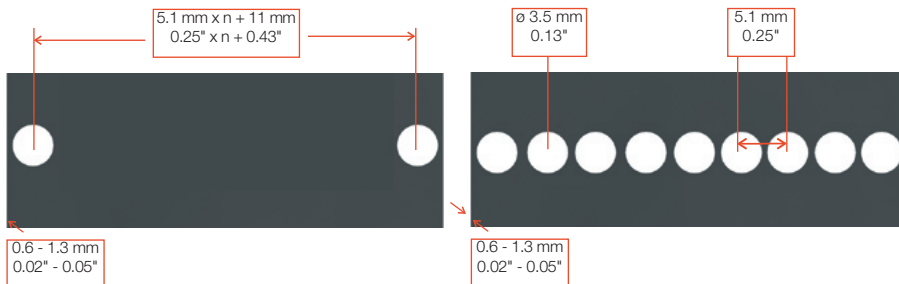
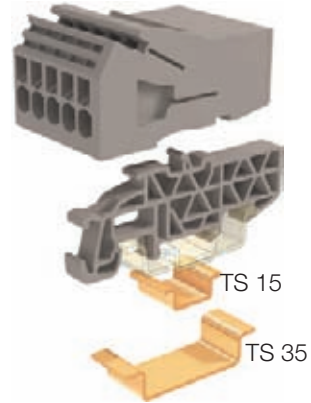


Plug support prevents buckling of the connection

Type	Qty.	Order No.
BA ZPS 2.5	100	1908550000

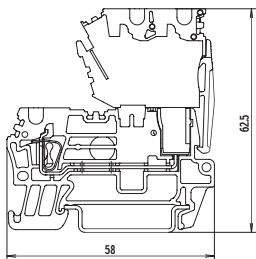
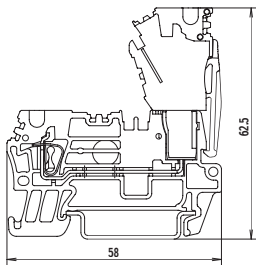
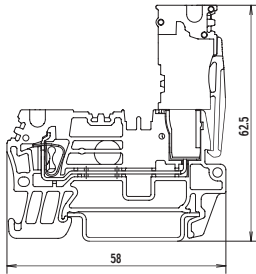
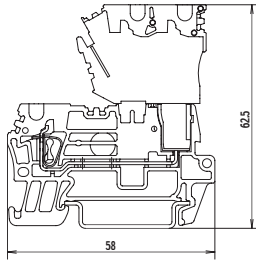
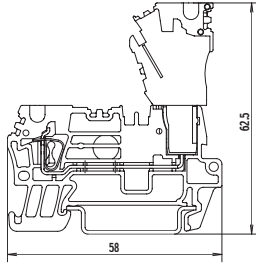
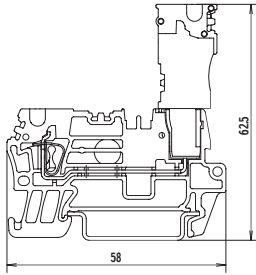
Plug support prevents buckling of the connection

Type	Qty.	Order No.
BA ZPS 2.5	100	1908550000

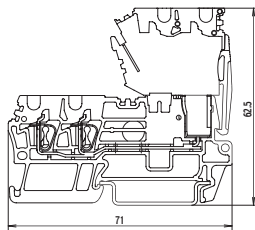
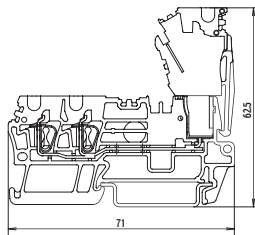
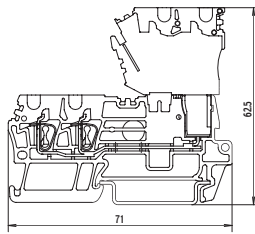
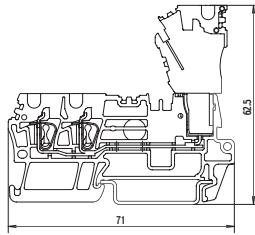


Accessories – WeiCoS – Plug-in combinations

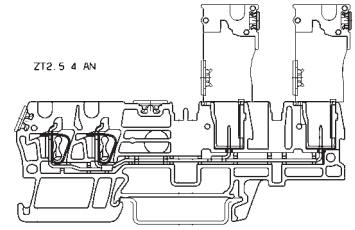
ZT 2.5/2AN/1



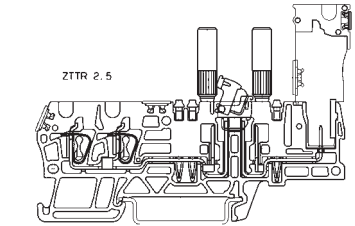
ZT 2.5/3AN/1



ZTTR 2.5/3AN/1



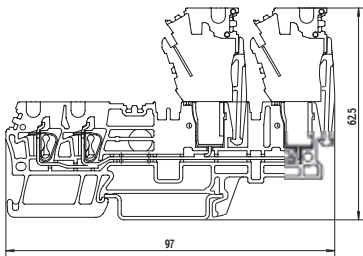
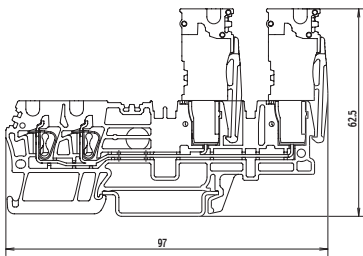
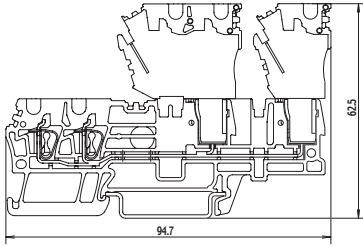
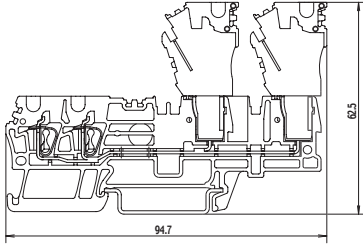
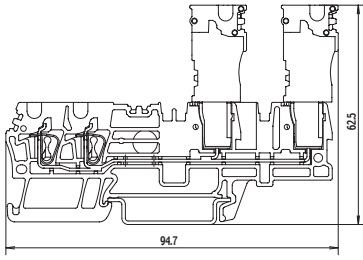
ZT2.5 4 AN



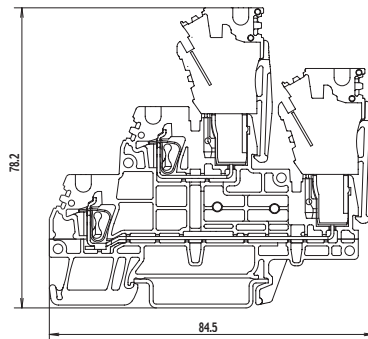
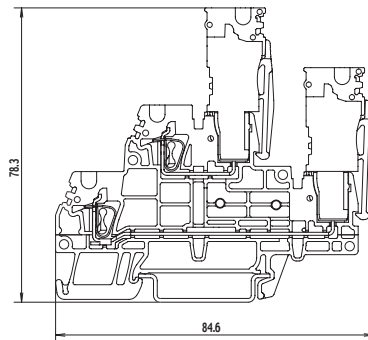
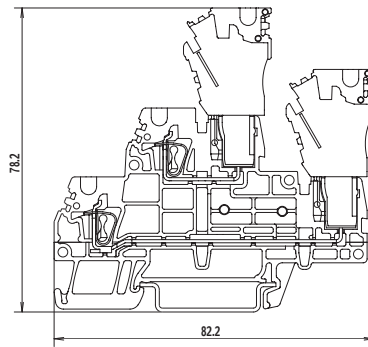
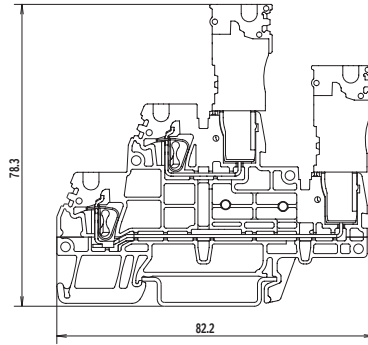
ZTTR 2.5

A connector alignment:  
the ZTTR can be combined with ZTPE 2.5.

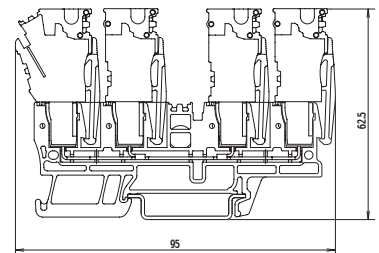
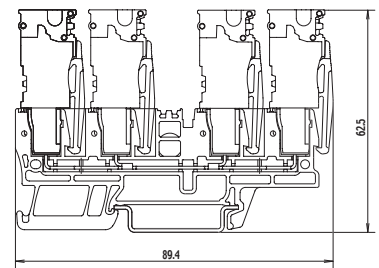
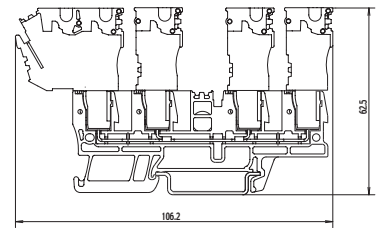
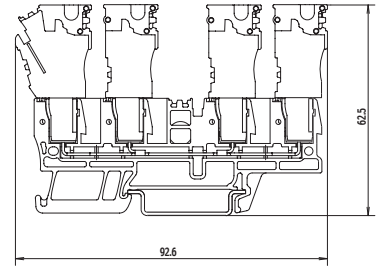
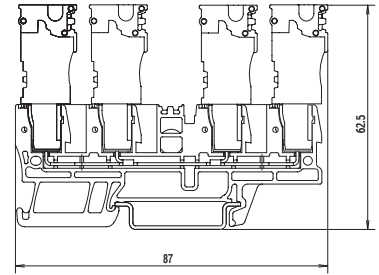
ZT 2.5/4AN/2



ZTD 2.5/2



ZT 2.5/4AN/4



## Accessories - Testing / checking

## Test adapter

The clip-on test adapter ZTA is used as a single thin element and as a test adapter strip for measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup> can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Clamped conductors (H05V/H07V)	
solid / stranded	mm
flexible / Flexible with ferrule	
Ordering data	
	1-pole
	With snap-in pegs

## ZTA 1

For terminal width 5.1 mm



Width / Length / Height	mm	5.1 / 31.5 / 99.10
Stripping length	mm	6
Rated data		
Rated voltage	V	250
Rated current	A	9
Rated cross-section	mm <sup>2</sup>	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm	0.5...1.5
flexible / Flexible with ferrule		0.5...1.5 / 0.5...1.5
Ordering data		
Type	Qty	Order No.
ZTA 1	25	1609040000
ZTA 1/ZA	25	1609050000
For terminal:		
ZDU 2.5 ...		
ZTR 2.5 ...		
ZSI 2.5 ...		
ZSI 2.5/2		

## ZTA 2

For terminal width 6.1 mm



Width / Length / Height	mm	6.1 / 31.5 / 103.50
Stripping length	mm	6
Rated data		
Rated voltage	V	250
Rated current	A	9
Rated cross-section	mm <sup>2</sup>	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm	0.5...1.5
flexible / Flexible with ferrule		0.5...1.5 / 0.5...1.5
Ordering data		
Type	Qty	Order No.
ZTA 2 ZDU4	25	1609060000
ZTA 2/ZA ZDU4	25	1609070000
For terminal:		
ZDU 4 ...		

## ZTA 3

For terminal width 8.1 mm



Width / Length / Height	mm	8.1 / 31.5 / 105.50
Stripping length	mm	6
Rated data		
Rated voltage	V	250
Rated current	A	9
Rated cross-section	mm <sup>2</sup>	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm	0.5...1.5
flexible / Flexible with ferrule		0.5...1.5 / 0.5...1.5
Ordering data		
Type	Qty	Order No.
ZTA 3 ZDU6	25	1654050000
For terminal:		
ZDU 6 ...		

## Test adapter

The clip-on test adapter ZTA is used as a single thin element and as a test adapter strip for measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup> can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Clamped conductors (H05V/H07V)	
solid / stranded	mm
flexible / Flexible with ferrule	
Ordering data	
	1-pole
	With snap-in pegs

## ZTA 6

For terminal width 6.1 mm



Width / Length / Height	mm	6.1 / 31.5 / 73.50
Stripping length	mm	6
Rated data		
Rated voltage	V	250
Rated current	A	17.5
Rated cross-section	mm <sup>2</sup>	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm	0.5...1.5
flexible / Flexible with ferrule		0.75...1.5 / 0.5...1.5
Ordering data		
Type	Qty	Order No.
ZTA 6/ZA	25	1780660000
For terminal:		
ZDU 4-2 ...		

## ZTA 7

For terminal width 8.1 mm



Width / Length / Height	mm	8.1 / 31.5 / 73.50
Stripping length	mm	6
Rated data		
Rated voltage	V	250
Rated current	A	9
Rated cross-section	mm <sup>2</sup>	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm	0.5...1.5
flexible / Flexible with ferrule		0.5...1.5 / 0.5...1.5
Ordering data		
Type	Qty	Order No.
ZTA 7/ZA	25	1780670000
For terminal:		
ZDU 6-2 ...		

## ZTA ZT2.5

For terminal width 5.1 mm



Width / Length / Height	mm	5.1 / 20 / 50.50
Stripping length	mm	10
Rated data		
Rated voltage	V	250
Rated current	A	17.5
Rated cross-section	mm <sup>2</sup>	1.5
Clamped conductors (H05V/H07V)		
solid / stranded	mm	0.5...1.5
flexible / Flexible with ferrule		0.5...1.5 / 0.5...1.5
Ordering data		
Type	Qty	Order No.
ZTA ZT2.5	25	1827080000
ZTA ZT2.5/ZA	25	1847600000
For terminal:		

### ZTA 4

For terminal width 5.1 mm



5.1 / 31 /	69.00
10	
250	
11	
1.5	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Type	Qty	Order No.
ZTA 4	25	1688110000

**For terminal:**  
ZDK 2.5 ...  
ZTR 2.5/4 AN ...

### ZTA 5

For terminal width 3.5 mm



3.5 / 20 /	54.00
10	
200	
13.5	
1	
0.5...1	
0.5...1 / 0.5...1	

Type	Qty	Order No.
ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000

**For terminal:**  
ZDU 1.5 ...  
ZDK 1.5 ...

### Test plug

The test points for the PS 2.3 and PS 2.0 test plugs are available for most Z-Series terminals. Quick measurements can be made by inserting the test plug into the opening provided.

<b>Technical data</b>	
current / current	-
<b>Ordering data</b>	Test plug

### PS

Plug diameter 2.0 mm



Type	Qty	Order No.
PS 2.0 OR	20	0293800000

**For terminal:**  
ZDU/ZPE 2.5/...  
ZDU/ZPE 4/...  
ZDU/ZPE 6/3 AN  
ZDU/ZPE 10/...  
ZDU/ZPE 16/...  
ZDU/ZPE 35  
ZEI 16  
ZTR 2.5/...  
ZTR 2.5 .../D  
ZDTR 2.5  
ZTR 2.5/SI  
ZDL 2.5/SI ...  
ZTRR 2.5/2AN/1

### PS 2.3 RT

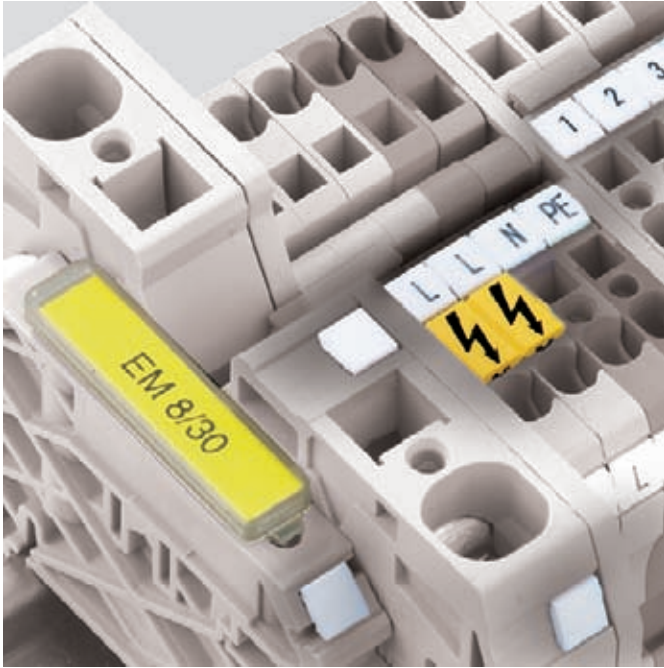
Plug diameter 2.3 mm



Type	Qty	Order No.
PS 2.3 RT	20	0180400000

**For terminal:**  
ZDU/ZPE 2.5/...  
ZDU/ZPE 4/...  
ZDU/ZPE 10/...  
ZDU/ZPE 18/...  
ZDU/ZPE 35  
ZDU/ZPE 4-2  
ZDU/ZPE 6-2  
ZTR 2.5...  
ZTR 2.5.../D  
ZDTR 2.5  
ZTR 2.5/SI  
ZDL 2.5/SI...  
ZTRR 2.5/2AN/1

## Cover



The VDE standards call for power connection terminals to be covered.

For this purpose, Weidmüller can supply yellow warning **ZAD** covers with the „lightning flash“ symbol.

The cover is clipped into the screwdriver slit in the terminal and each one covers a group of four terminals.

**Tool**

The fully-insulated **ZBW1** to **ZBW6** and **ZBWW** tools are used for opening 1.5 mm<sup>2</sup> and 2.5 mm<sup>2</sup> terminal points. They can be used to simultaneously open multiple terminal points.

The **ZBWW** tools, with its angled bit, makes it possible conveniently connect terminals in a confined space.

The plastic tools increase safety when working on facilities during operation.

## Cover

Type	Colour	Qty	Order No.	For terminal:
<b>Width</b>				
ZAD 7/4		20	1781940000	ZDK 1.5 ZDK 1.5 BL ZDK 1.5DU-PE ZDK 1.5V ZDK 1.5V BL ZDU 1.5 ZDU 1.5 2X2AN ZDU 1.5 2X2AN BL ZDU 1.5 BL ZDU 1.5/3 AN ZDU 1.5/3 AN/BL ZDU 1.5/4 AN ZDU 1.5/4 AN/BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZEI 16 ZEI 16 BL
<b>Width</b>				
ZAD 1/4		20	1609110000	ZDK 4-2 ZDU 2.5 BL ZDU 2.5/2X2AN ZDU 2.5/2X2AN BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZDU 2.5/2X2AN/LD+ ZDU 2.5/2X2AN/LD- ZDU 2.5/3AN ZDU 2.5/3AN BL ZDU 2.5/4AN ZDK 4-2 BL ZDU 2.5/4AN BL ZDU 4-2/2AN ZDU 4-2/2AN BL ZDU 4-2/3AN ZDU 4-2/3AN BL ZDU 4-2/3AN LSC ZDU 4-2/4AN ZDU 4-2/4AN BL ZDUA 2.5-2N ZDUA 2.5-2N BL ZDK 4-2 PE ZEI 16 ZEI 16 BL ZPE 4-2/4AN ZPEA 2.5-2N ZSI 2.5-2/2X2AN/G20 ZSI 2.5-2/2X2AN/G20/LD1 ZSI 2.5-2/2X2AN/G20/LD2 ZSI 6-2 2X2.5/G20 ZSI 6-2 2X2.5/G20/LD1 ZSI 6-2 2X2.5/G20/LD2 ZDK 4-2 V ZSI 6-2 2X2.5/G20/LD3 ZSI 6-2 2X2.5/G20/LD4 ZTR 2.5/4AN ZTR 2.5/4AN BL ZTR 2.5/4AN/O TNHE ZDK 4-2/D forward ZDK 4-2/D reverse ZDK 4-2/DU-PE ZDK 4-2/N/L ZDU 2.5



Cover

Type Width	Colour	Qty	Order No.	For terminal:
ZAD 1/4-2 GE		20	1764560000	ZDK 2.5-2 ZDK 2.5-2 BL ZDK 2.5-2 PE ZDK 2.5V ZDK 2.5V BL ZDKPE 2.5-2 ZDKPE 2.5-2/N/L/PE ZDU 2.5-2 ZDU 2.5-2 BL ZDU 2.5-2/3AN ZDU 2.5-2/3AN BL ZDU 2.5-2/4AN ZDU 2.5-2/4AN BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZEI 16 ZEI 16 BL ZTR 2.5-2 ZTR 2.5-2 BL ZTR 2.5-2/O.TNHE
<b>Width</b>				
ZAD 2/4		20	1609080000	ZDU 2.5/2X2AN/D+ ZEI 16 BL ZSI 2.5-2/2X2AN/G20 ZSI 2.5-2/2X2AN/G20/LD1 ZSI 2.5-2/2X2AN/G20/LD2 ZSI 6-2 2X2.5/G20 ZSI 6-2 2X2.5/G20/LD1 ZSI 6-2 2X2.5/G20/LD2 ZSI 6-2 2X2.5/G20/LD3 ZSI 6-2 2X2.5/G20/LD4 ZSI 6-2/FC ZDU 2.5/2X2AN/D- ZSI 6-2/FC LD ZDU 4 ZDU 4 BL ZDU 4/3AN ZDU 4/3AN BL ZDU 4/4AN ZDU 4/4AN BL ZEI 16
<b>Width</b>				
ZAD 3/4		20	1609120000	ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZDU 6 ZDU 6 BL ZDU 6/3AN ZDU 6/3AN BL ZEI 16 ZEI 16 BL ZEI 6
<b>Width</b>				
ZAD 4/5		20	1746730000	ZDU 10 ZDU 10 BL ZDU 10/3AN ZDU 10/3AN BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZEI 16 ZEI 16 BL
<b>Width</b>				
ZAD 5/5		20	1745210000	ZDU 16 ZEI 16-2/1AN BL ZDU 16 BL ZDU 16/3AN ZDU 16/3AN BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZEI 16 ZEI 16 BL ZEI 16-2/1AN

Cover

Type Width	Colour	Qty	Order No.	For terminal:
ZAD 6/5		20	1752620000	ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZDU 35 ZDU 35 BL ZEI 16 ZEI 16 BL

Operating tool

Type Width	Colour	Qty	Order No.	For terminal:
ZBW 1/3.5		1	1781930000	ZDK 1.5DU-PE ZDK 2.5-2 ZDK 2.5-2 BL ZDK 2.5-2 PE ZDK 2.5V ZDK 2.5V BL ZDKPE 2.5-2 ZDKPE 2.5-2/N/L/PE
<b>Width</b>				
ZBW 1		1	1669620000	ZDK 2.5-2
ZBW 2		1	1650670000	ZDK 2.5-2 BL
ZBW 3		1	1650680000	ZDK 2.5-2 PE
ZBW 4		1	1650690000	ZDK 2.5V
ZBW-6		1	1650700000	ZDK 2.5V BL
ZBWW		1	1669630000	ZDKPE 2.5-2 ZDKPE 2.5-2/N/L/PE

## Accessories - Other functions

## Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the clamping point without the strands fraying. The use of a reducing sleeve centres the conductor in the entry point. Packaged in sets of 100 x 10-pole strips

## Technical data

Product type

## Ordering data

0,13...0,2 mm <sup>2</sup> , white
0,25...0,5 mm <sup>2</sup> , grey
0,75...1,0 mm <sup>2</sup> , dark grey

## ZRH 1.5 S



Reducing sleeve

Type	Qty	Order No.
ZRH 1.5S/1	500	1781950000
ZRH 1.5S/2	500	1781960000

## For terminal:

ZDU 1.5/...  
ZPE 1.5/...

## ZRH 1.5 H



Reducing sleeve

Type	Qty	Order No.
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000

## For terminal:

ZDK 2.5... ZDLD 2.5-2...  
ZDK 2.5 PE ZDU 2.5-2/...  
ZDTR 2.5 ZPE 2.5-2/...  
ZTR 2.5-2...

## ZRH 1.5N



Reducing sleeve

Type	Qty	Order No.
ZRH 1.5N/1	1000	1632140000
ZRH 1.5N/2	1000	1632130000
ZRH 1.5N/3	1000	1632120000

## For terminal:

ZRV 1.5  
ZRV 1.5 PEZVL 1.5  
ZIA 1.5/3 L ...  
ZIA 1.5/4 L ...

## ZRH 2.5



Reducing sleeve

Type	Qty	Order No.
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000
ZRH 2.5/3	1000	1614280000

## For terminal:

ZDU 2.5/...  
ZTR 2.5/...

## ZRH 4



Reducing sleeve

Type	Qty	Order No.
ZRH 4/1 WS	1000	1636640000
ZRH 4/2	1000	1636650000
ZRH 4/3	1000	1636660000

## For terminal:

ZDU 4/...  
ZPE 4/...

## Label

The **BZT** marking tags enable you to label the middle of the marking channel with the **WS 10/5** tags. The marking tags can be put together with pins in order to achieve the greatest degree of stability.

## Technical data

Product type

## Ordering data

One-sided, without peg
One-sided, with peg
Two-sided without pin
Two-sided, with pin

## BZT 1/BZT 2



Marker holder

Type	Qty	Order No.
BZT 1 WS 10/5	100	1805490000
BZT 1 ZA WS 10/5	100	1805520000
BZT 2 WS 10/5	100	1805480000
BZT 2 ZA WS 10/5	100	1805530000

## For terminal:

ZDU 2.5/...  
ZDU 4/...  
ZDU 6/...  
ZDU A 2.5/...

### Additional connection

The contact element is placed in the cross-section channel and the latch clip in the screwdriver channel. It should then be pressed down until the end stop. The pitch spacing is 6 mm. Therefore only every other terminal can be occupied.

### ZZA 2.5



Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage	kV
Pollution severity	
Ordering data	
With snap-in pegs	

6.1 / 21 / (50)		
400		
17.5		
2.5		
6		
3		
Type	Qty	Order No.
ZZA 2.5/ZA	50	1649350000
ZZA 2.5	50	1646690000
For terminal:		
ZDU 2.5		
ZDU 2.5/3 AN		
ZDU 2.5/4 AN		
ZTR 2.5		
ZTR 2.5/3 AN		

### Component plug

The component plug is used for fitting electronic components. If needed, the BZS 1 can be snapped on to the upper or lower cross-connection channel on the ZDK 2.5 tension-clamp terminals.

### ZBS



Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated voltage with LED	
Rated current	A
Rated current with LED	
Rated impulse voltage	kV
Pollution severity	
Ordering data	
For holding 2 LEDs	

10 / 22.3 / 48		
250		
30 V		
6		
1 A		
4		
3		
Type	Qty	Order No.
ZBS1 SET	10	1764540000
ZBS1 F.D SET	10	1764550000
For terminal:		
ZDK 2.5		

### Busbar holder

The ZST group carrier is used for temporary „parking“ of test plugs, cross-connections and fuses which are used during service work. The group carrier can be snapped on to the end of a terminal strip or to the TS 35 rail.

### ZST



Dimensions	
Width / Length / Height	mm
Ordering data	

10 / 61.1 / 27.5		
Type	Qty	Order No.
ZST	10	1678680000
For terminal:		

### Shield conductor

The shielding braid from the stripped control cables is soldered to the ZDUS or crimped on with 2.8 x 0.8 mm cable-lug sleeves. The ZDUS can be installed along side of the ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and ZTR 2.5.

### ZDUS

#### Shield conductor - connection terminals



Dimensions	
Width / Length / Height	mm
Ordering data	

4.8 / 83.5 / 33.5		
Type	Qty	Order No.
ZDUS	20	1676640000
For terminal:		

Accessories – other functions

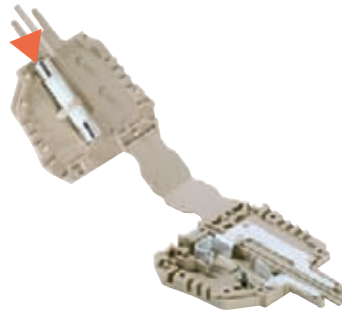
SIHA fuse holder



1. Open fuse holder with fingers or screwdriver



2. Press out old fuse



3. Position new fuse



4. Press fuse holder together again.

D

For 5 x 20 G-fuse cartridges

The SIHA fuse holder converts a simple disconnect terminal into a fuse terminal in next to no time.

Simply remove the isolating lever and insert the fuse plug.

- Simple handling – no tools required
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)

- Even fits on 5 mm wide terminals when fitted in offset arrangement



- Marking position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20



SIHA 3



	Qty.	Order No.
without LED		
<b>SIHA3/G20</b>	400 V 1	<b>7921560000</b>
with LED (red)		
<b>SIHA3/G20</b>	10 - 36 V 1	<b>7921570000</b>
	35 - 70 V 1	<b>7921580000</b>
	60 - 150 V 1	<b>7921590000</b>
	140 - 250 V 1	<b>7921600000</b>

For test-disconnect terminals versions	
ZTR 2.5/4 AN	
ZTR 2.5...	
ZTR 2.5-2	

SIHA STRAP



	Qty.	Order No.
with strap		
<b>SIHA STRAP</b>	20	<b>9537680000</b>

- Connector for "retro-fit" assembly
- Receptacle in the terminal is the marking position
  - Integrated marking position on the strap
  - Slots into fuse holder either on the left or on the right

Cartridge fuses and gauge pieces for Weidmüller fuse terminals

Cartridge fuses

For terminal type

ZSI 2.5  
 ZSI 6-2 2 x 2.5/G20...  
 ZSI 2.5 2 x 2 AN/G20...



ZSI 2.5/ 5 x 25

ZSI 6-2 2 x 2.5/G25...  
 ZSI 2.5 2 x 2 AN/G25...



ZSI 2.5/2

E 0.5 A  
 E 1 A  
 E 2 A  
 E 3 A  
 E 5 A  
 E 7 A  
 E 10 A



Technical data / Ordering data

G-type cartridge fuses 5 x 20 without indicators to IEC 60127-2 (VDE 0820 pt.2 BI <sup>1)</sup> )					
Size (mm)	Nom. current (A)	Type		Qty.	Order No.
5 x 20	0.1	(F)	G 20/0.10A/F	10	0430300000
	0.2	(F)	G 20/0.20A/F	10	0430400000
breaking capacity 1500 A	0.25	(F)	G 20/0.25A/F	10	0430500000
(at 250 V, 50 Hz, cos φ 0,7)	0.5	(F)	G 20/0.50A/F	10	0430600000
	0.63	(F)	G 20/0.63A/F	10	0439000000
	1.0	(F)	G 20/1.00A/F	10	0430700000
	1.6	(F)	G 20/1.60A/F	10	0430800000
	2.0	(F)	G 20/2.00A/F	10	0430900000
	2.5	(F)	G 20/2.50A/F	10	0431000000
	3.15	(F)	G 20/3.15A/F	10	0431100000
	4.0	(F)	G 20/4.00A/F	10	0431200000
	5.0	(F)	G 20/5.00A/F	10	0431300000
	6.3	(F)	G 20/6.30A/F	10	0431400000

(M) = medium-blow (F) = fast-blow

G-type cartridge fuses 5 x 25 with indicators to DIN 41576 <sup>1)</sup> )					
Size (mm)	Nom. current (A)	Type		Qty.	Order No.
5 x 25 w. ind. <sup>1)</sup>	0.25	(M)	G 25/0.25A/M	10	0546900000
breaking capacity 80 A	0.5	(M)	G 25/0.50A/M	10	0510300000
(at 250 V, 50 Hz, cos : = 1	0.8	(M)	G 25/0.80A/M	10	0646400000
	1	(M)	G 25/1.00A/M	10	0265800000
	10	(M) <sup>2)</sup>	G 25/10.0A/M	10	0193100000
	2	(F)	G 25/2.00A/F	10	0192700000
	4	(F)	G 25/4.00A/F	10	0192800000
	6.3	(F)	G 25/6.30A/F	10	0192900000

(M) = medium-blow (F) = fast-blow

Cartridge fuses 1¼" x ¼" without indicators to BS 88					
Size (mm)	Nom. current (A)	Type		Qty.	Order No.
333 kA break. cap., 33 kA fast-blow	0.5		GZ 0.5A/F	10	0533800000
E 0.5 A	1		GZ 1.0A/F	10	0525500000
E 1 A	2		GZ 2.0A	10	0294500000
E 2 A	3		GZ 3.0A	10	0295700000
E 3 A	5		GZ 5.0A	10	0294600000
E 5 A	7		GZ 7.0A	10	0295800000
E 7 A	10		GZ 10.0A	10	0293900000
E 10 A	12.5		GZ 12.5A FF	10	0245400000

(M) = medium-blow (F) = fast-blow

Note: <sup>1)</sup> The SIBA company also supplies G-type cartridge fuses 5 x 25 with indicators suitable for 450 V shipbuilding applications.

## Accessories – other functions

## Cartridge fuses and gauge pieces for Weidmüller fuse terminals

## Cartridge fuses

For terminal type

ZS/6-2/ FC...



## Technical data / Ordering data

Blade fuses to DIN 72581-3C		Average		Type	Qty.	Order No.
Rated voltage max. (V)		voltage drop (mV)	Nom. current (A)			
32		300	0.5*	C 0,5 A/32 V BL	100	1814720000
32		130	1	C 1 A/32 V SW	100	1814730000
32		120	2	C 2 A/32 V GR	100	1814740000
32		100	3	C 3 A/32 V VI	100	1814750000
32		100	4	C 4 A/32 V RS	100	1814760000
32		120	5	C 5 A/32 V HBR	100	1814770000
32		112	7.5	C 7,5 A/32 V BR	100	1814780000
32		85	10	C 10 A/32 V RT	100	1814790000
32		85	15	C 15 A/32 V HBL	100	1814800000
32		80	20	C 23 A/32 V GE	100	1814810000
32		82	25	C 25 A/32 V NA/WS	100	1814820000
32		77	30	C 30 A/32 V HGN	100	1814830000
32		84	35*	C 35 A/32 V GN	100	1814840000
32		80	40*	C 40 A/32 V OR	100	1814850000

## Notes:

- According to DIN 72581-3C a blade fuse may only be operated with 80 % IN as a continuous load.
- Use fuses from Weidmüller with a low power loss/voltage drop!
- Please note the derating
- Do not insert or remove a fuse when the circuit is under load.
- Max. temperature of contacts: 130 °C
- Insulating material/Flammability class: Wemid/V0

\*Fuses do not comply with DIN 72581-3C

The whole system must always be considered for 35/40 A fuses.

- <sup>1)</sup> Do not exceed the voltage range of the fuse.
- <sup>2)</sup> Continuous current through fuse: max. 80 % IN
- <sup>3)</sup> Use the largest possible conductor cross-section in order to dissipate the very high thermal losses of the fuse.

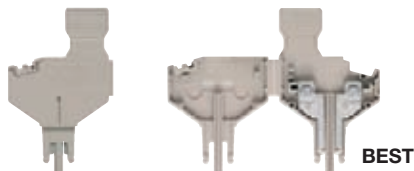
## Component isolating plugs

The Weidmüller philosophy is to realise a multitude of applications with just a few parts. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the “disconnecting products” of the W-, Z-, I- and P-Series.

## Component plug (up to 250 V)

can be reversed



## Ordering data

Type	Fitted with...	Qty.	Order No.
BEST	-	25	1833100000
BEST/DRBR	wire jumper	25	1878570000
BEST/D	diode 1N4007	25	1878560000

## for terminal type

TR 2.5...

ZTR 2.5-2

ZDL 2.5/TR

ZDL 2.5/SI

## Isolating plug

Isolating plug



## Ordering data

Type	Colour	Qty.	Order No.
TNST	yellow Wemid	25	1833090000

## for terminal type

ZTR 2.5...

ZTR 2.5-2

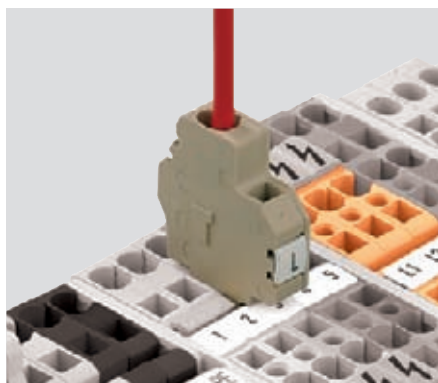
ZDL 2.5/TR

ZDL 2.5/SI





## Colour range



The colours listed below are available as standard. Other variants are available upon request and are subject to minimum order quantities.

D

				1.5 mm <sup>2</sup>
	Colour	Qty.	Order No.	
<b>ZDU 1.5</b>				
ZDU 1.5 OR	orange	100	177550000	
<b>ZDU 1.5/3AN</b>				
ZDU 1.5/3AN OR	orange	100	177550000	
<b>ZDU 1.5/4AN</b>				
ZDU 1.5/4AN OR	orange	100	177561000	

				2.5 mm <sup>2</sup>
	Colour	Qty.	Order No.	
<b>ZDU 2.5</b>				
ZDU 2.5 BR	brown	100	1683300000	
ZDU 2.5 GE	yellow	100	1683270000	
ZDU 2.5 GE/GN	yellow/green	100	1698780000	
ZDU 2.5 GN	green	100	1683280000	
ZDU 2.5 GR	grey	100	1683310000	
ZDU 2.5 OR	orange	100	1636780000	
ZDU 2.5 RT	red	100	1683260000	
ZDU 2.5 SW	black	100	1683330000	
ZDU 2.5 VI	violet	100	1683290000	
ZDU 2.5 WS	white	100	1683320000	

<b>ZDU 2.5/3AN</b>				
ZDU 2.5/3AN GE	yellow	100	1683350000	
ZDU 2.5/3AN GE/GN	yellow/green	100	1698790000	
ZDU 2.5/3AN GN	green	100	1683360000	
ZDU 2.5/3AN GR	grey	100	1683390000	
ZDU 2.5/3AN OR	orange	100	1636790000	
ZDU 2.5/3AN RT	red	100	1683340000	
ZDU 2.5/3AN SW	black	100	1683410000	
ZDU 2.5/3AN WS	white	100	1683400000	

<b>ZDU 2.5/4AN</b>				
ZDU 2.5/4AN BR	brown	100	1683460000	
ZDU 2.5/4AN GE	yellow	100	1683430000	
ZDU 2.5/4AN GE/GN	yellow/green	100	1692240000	
ZDU 2.5/4AN GN	green	100	1683440000	
ZDU 2.5/4AN GR	grey	100	1683470000	
ZDU 2.5/4AN OR	orange	100	1636800000	
ZDU 2.5/4AN RT	red	100	1683420000	
ZDU 2.5/4AN SW	black	100	1683490000	
ZDU 2.5/4AN WS	white	100	1683480000	

<b>ZDU 2.5 2X2AN</b>				
ZDU 2.5/2X2AN				1608600000

<b>ZDU 2.5-2</b>				
ZDU 2.5-2 OR	orange	100	1772080000	

<b>ZDU 2.5-2/3AN</b>				
ZDU 2.5-2/3AN OR	orange	100	1706050000	

<b>ZDU 2.5-2/4AN</b>				
ZDU 2.5-2/4AN OR	orange	100	1706080000	

<b>ZTR 2.5</b>				
ZTR 2.5 OR	orange	100	8731680000	

<b>ZTR 2.5/3AN</b>				
ZTR 2.5/3AN OR	orange	50	8731690000	

<b>ZTR 2.5/4AN</b>				
ZTR 2.5/4AN OR	orange	100	7920940000	

<b>ZTR 2.5-2</b>				
ZTR 2.5-2 OR	orange	100	1779130000	

<b>ZDK 2.5</b>				
ZDK 2.5 OR	orange	50	1694140000	

<b>ZDK 2.5-2</b>				
ZDK 2.5-2 OR	orange	50	1831260000	

## Mini terminals

4 mm <sup>2</sup>			
	Colour	Qty.	Order No.
<b>ZDU 4</b>			
ZDU 4 BR	brown	100	1683620000
ZDU 4 GE	yellow	100	1683590000
ZDU 4 GE/GN	yellow/green	100	1698770000
ZDU 4 GN	green	100	1683600000
ZDU 4 GR	grey	100	1683630000
ZDU 4 OR	orange	100	1636830000
ZDU 4 RT	red	100	1683580000
ZDU 4 SW	black	100	1683650000
ZDU 4 VI	violet	100	1683610000
ZDU 4 WS	white	100	1683640000
<b>ZDU 4-2/2AN</b>			
ZDU 4-2/2AN OR	orange	100	1770850000
<b>ZDU 4-2/3AN</b>			
ZDU 4-2/3AN OR	orange	100	1770870000
<b>ZDU 4-2/4AN</b>			
ZDU 4-2/4AN OR	orange	100	1807000000

6 mm <sup>2</sup>			
	Colour	Qty.	Order No.
<b>ZDU 6</b>			
ZDU 6 GE/GN	yellow/green	50	1698800000
ZDU 6 OR	orange	50	1636820000
ZDU 6 RT	red	50	1830420000
<b>ZDU 6-2/2AN</b>			
ZDU 6-2/2AN OR	orange	50	1771400000
<b>ZDU 6-2/3AN</b>			
ZDU 6-2/3AN OR	orange	50	1771430000

10 mm <sup>2</sup>			
	Colour	Qty.	Order No.
<b>ZDU 10</b>			
ZDU 10 OR	orange	25	1830610000

16 mm <sup>2</sup>			
	Colour	Qty.	Order No.
<b>ZDU 16</b>			
ZDU 16 OR	orange	25	1830680000

35 mm <sup>2</sup>			
	Colour	Qty.	Order No.
<b>ZDU 35</b>			
ZDU 35 OR	orange	10	1830760000

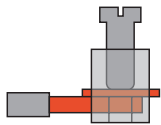
2.5 mm <sup>2</sup>			
	Colour	Qty.	Order No.
<b>ZDUA 2.5-2</b>			
ZDUA 2.5-2 OR	orange	100	1720940000
<b>ZDUB 2.5-2/2AN</b>			
ZDUB 2.5-2/2AN/DB OR	orange	100	1704520000
ZDUB 2.5-2/2AN/DM OR	orange	100	1704370000
<b>ZDUB 2.5-2/4AN</b>			
ZDUB 2.5-2/4AN/DM OR	orange	100	1704560000



# Terminals, W-Series

<b>Terminals, W-Series</b>	Overview W-Series	E.2
	Feed-through terminals	E.4
	Double level terminals	E.14
	Modular PE terminals	E.19
	Test-disconnect terminals	E.29
	Fuse terminals	E.35
	Installation terminals	E.44
	Test-disconnect terminals	E.52
	Terminals with spring-loaded cable clamps	E.64
	Initiator and actuator terminals	E.70
	Motor connection terminals	E.74
	Plug-in modular terminals	E.76
	Terminals for temperature measuring circuits	E.80
	Terminals for retrofitting of electronic components	E.81
	Terminals with electronic components	E.82
	Power distribution blocks WPDB	E.88
<b>Terminals, TS 15</b>	Mini terminals TS 15	E.96
<b>Stud terminals</b>	Overview Stud terminals – WF/WFF	E.100
	Overview Stud terminals – ST 4000	E.102
	Single-/twin stud terminals – WF/WFF	E.104
	Twin stud terminals – ST 4000	E.106
<b>Accessories</b>	Accessories W-Series	E.112
<b>Terminals, SAK-Series</b>	Overview SAK-Series	E.144

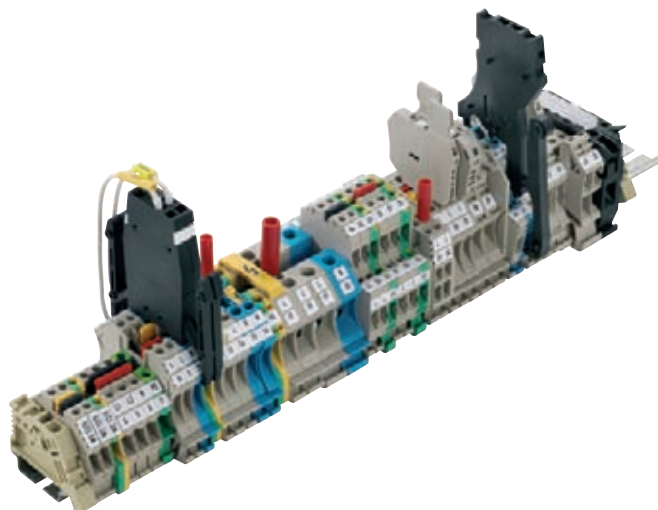
# W-Series / Clamping yoke screw connection technology



For a long time now, Weidmüller's W-Series terminal with screw clamp connection technology, has set the standard. With many advantages, the W-Series remains market leader and unsurpassed.

The W-Series offers solutions for conductor cross-sections from 0.06 to 300 mm<sup>2</sup> and for all common electrical functions. Another advantage is the choice of plug-in (ZQV) or screw-in (WQV) cross-connections within one modular terminal. It brings considerable time savings compared to all other screw terminals on the market.

Thanks to the patented design of Weidmüller's W-Series screw connection technology it is possible for two conductors of the same cross-section to be connected in one and the same clamping point without difficulty.



## Versions

### W-standard

- Same contour design from 2.5 to 10 mm<sup>2</sup>
- Conductor sizes from 0.05 to 300 mm<sup>2</sup>
- Large clamping range



### W-compact

- Smaller size
- Identified by an "N" in the type designation
- Conductor sizes from 0.13 to 150 mm<sup>2</sup>



## Product overview

Rated cross-section	1.5 mm <sup>2</sup>		2.5 mm <sup>2</sup>		4 mm <sup>2</sup>		6 mm <sup>2</sup>		10 mm <sup>2</sup>		16 mm <sup>2</sup>		35 mm <sup>2</sup>	
	Standard	Compact	Standard	Compact	Standard	Compact	Standard	Compact	Standard	Compact	Standard	Compact	Standard	Compact
<b>Feed-through terminals</b>														
2 connections	•	•	•	•	•	•	•	•	•	•	•	•	•	•
3 and 4 connections	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>PE terminals</b>														
2 connections	•	•	•	•	•	•	•	•	•	•	•	•	•	•
3 and 4 connections	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>Fuse terminals</b>														
			•	•	•	•	•	•	•	•				
<b>Disconnect test terminal blocks</b>														
3 and 4 connections	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>3-conductor installation terminals</b>														
	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>N-conductor disconnect terminals</b>														
	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>Plug-in terminals</b>														
	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>Initiator/Actuator terminals</b>														
	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>Terminals with electronic components</b>														
	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>Miniature terminals for TS 15</b>														
	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>Rated cross-section</b>	50 mm <sup>2</sup>		70 mm <sup>2</sup>		95 mm <sup>2</sup>		120 mm <sup>2</sup>		150 mm <sup>2</sup>		240 mm <sup>2</sup>			
	Standard	Compact	Standard	Compact	Standard	Compact	Standard	Compact	Standard	Compact	Standard	Compact	Standard	Compact
<b>Feed-through terminals</b>														
	•		•	•	•	•	•	•	•	•	•	•	•	•
<b>PE terminals</b>														
	•		•	•	•	•	•	•	•	•	•	•	•	•
<b>N-conductor disconnect terminals</b>														
			•	•	•	•	•	•	•	•	•	•	•	•

**1 The connection**

Separation of electrical and mechanical function thus providing galvanic isolation.

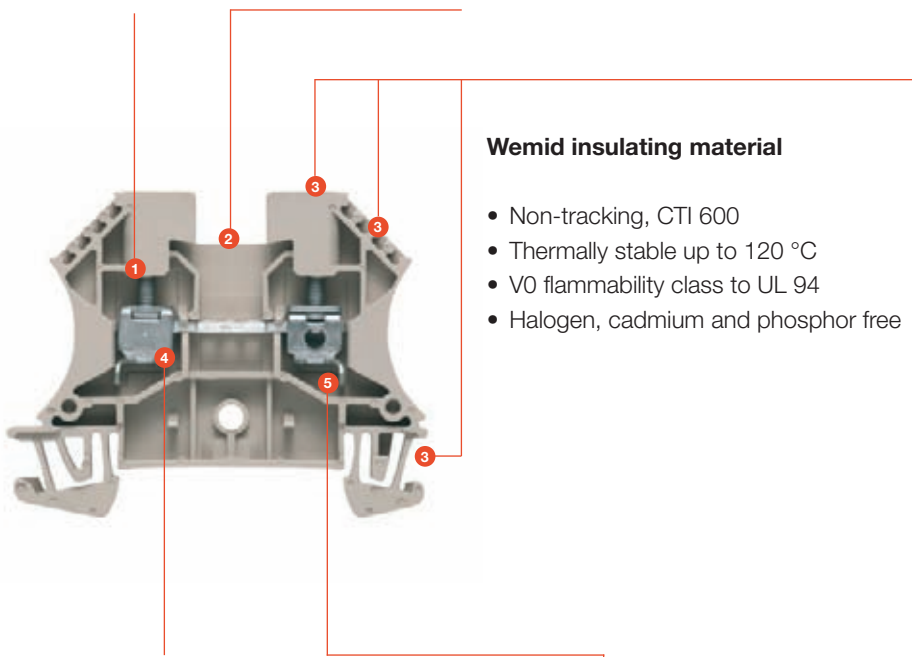
- Hardened steel screw clamp technology.
- Busbar of copper for low through resistance.
- Tin-plated surface for minimum contact resistances.

**2 Cross-connections, also pluggable**

- Screw-in or plug-in cross-connections as required
- For screw terminals, the pluggable cross-connection (ZQV) is unique, with considerable time savings
- Cross-connections with up to 10 poles available as standard for 2.5 and 4
- 20-pole cross-connections (ZQV) available for custom fabrication

**3 Easy to use**

- Can be clipped to or removed from the terminal rail in either direction
- Features captive screw.
- Recessed clamping screw position provides guide for screwdriver
- All parts fitted captive within the terminal
- Numerous labelling options



**Wemid insulating material**

- Non-tracking, CTI 600
- Thermally stable up to 120 °C
- V0 flammability class to UL 94
- Halogen, cadmium and phosphor free

**Common profiles**

- Identical size from 2.5 to 10 mm<sup>2</sup>
- Minimum number of different accessories = lower costs and better logistics
- Easy planning

**Standards and directives**

The reliable contact and dependability of the Weidmüller systems are verified by:

- Type tests to IEC 60947-7-1/-2/-3
- National and international approvals
- A large portfolio of UL and CSA approvals
- W-Series certified for railway applications (see chapter on stud terminals)
- ATEX approval (see certificate on Weidmüller website)
- All materials checked for conformity with the latest environmental directives and RoHS requirements
- IECEx approved

**4 Reliable contact**

- W-Series offers galvanic isolation by providing a steel screw clamp technology for mechanical function, with copper busbar for low through resistance and electrical function.
- No maintenance: no need to retighten the clamping screw
- Vibration-proof connection: many W-terminals certified for railway use to EN 61373
- Highest contact force of all connection systems

**5 Safe to use**

- Shock protection with connected conductors, even when cross-connected.
- Terminals supplied with open clamping point. In addition, the misplugging safeguard prevents conductors from being inserted incorrectly
- Embossing on clamping yoke and current bar engage so that even the smallest conductors are reliably clamped; large conductors and also 2 conductors are gripped in the middle



## Feed-through terminals

Identical profiles from 2.5 to 10 mm<sup>2</sup> with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>




### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
<b>Note</b>	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
<b>Note</b>	

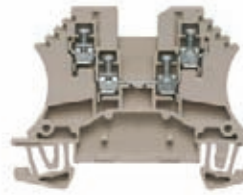
### Accessories

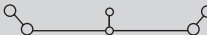
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
	Dark beige Wemid
Testing / Checking	
	Standard
	With assembly peg
Cover	
	With lightning flash symbol
	blank
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	


## WDU 1.5/ZZ

1.5 mm<sup>2</sup>

### Twin connection



5.1 x 60 x 47	
<b>23 / 2.5</b>	
<b>0.13...2.5</b>	

IEC 60947-7-1				Ex e II  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	300	300	550	800	300	300	550
17.5	10	10	15	17.5	10	10	15
1.5	AWG 26...12	AWG 26...12	1.5	1.5	AWG 26...12	AWG 26...12	1.5
				8 / 3			
				A1 / V-0			
				KEMA 98ATEX1685 U			
Rated connection		Further connection		Rated connection		Further connection	
0.5...2.5 / 0.5...2.5		0.5...2.5 / 1.5...2.5		0.5...1.5 / 0.5...1.5		0.5...1.5 / 0.5...1.5	
0.4...0.6 Nm (M 2.5)		0.4...0.6 Nm (M 2.5)		0.4...0.6 Nm (M 2.5)		0.4...0.6 Nm (M 2.5)	
7 / 0.6 x 3.5 mm		7 / 0.6 x 3.5 mm		7 / 0.6 x 3.5 mm		7 / 0.6 x 3.5 mm	
0.5...1		0.5...1		0.5...1		0.5...1	
0.5...1 / 0.5...0.75		0.5...1 / 0.5...0.75		0.5...1 / 0.5...0.75		0.5...1 / 0.5...0.75	
<b>Note</b>				Note the max. current of the terminal (23 A) when using the WQV cross-connector!			

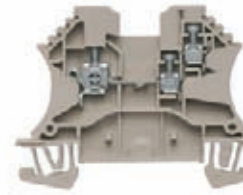
Type	Qty	Order No.
WDU 1.5/ZZ	100	1031400000
WDU 1.5/ZZ BL	100	1031480000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
Width			
WEW 35/2	8 mm	100	1061200000
Width			
WTA 2 WDU2.5-10	5 mm	25	1632320000
WTA 2/ZA WDU2.5-10	5 mm	25	1632330000
WAD 4 GE BED	4 mm	50	1072000000
WAD 4 WS	4 mm	50	1072100000
Width			
DEK 5/5 / WS 12/5			
Socket and test plug, see section „W-series accessories“			


## WDU 2.5/1.5/ZR

2.5 mm<sup>2</sup>

### Supplementary connection, right



5.1 x 60 x 47	
<b>32 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1				Ex e II  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	300	300	550	800	300	300	550
24	20	20	21	24	20	20	21
2.5	AWG 30...12	AWG 26...12	2.5	2.5	AWG 30...12	AWG 26...12	2.5
				8 / 3			
				A3 / A1 / V-0			
				KEMA 98ATEX1685 U			
Rated connection		Further connection		Rated connection		Further connection	
0.5...4 / 1.5...4		0.5...2.5 / 1.5...2.5		0.5...4 / 0.5...2.5		0.5...1.5 / 0.5...1.5	
0.4...0.6 Nm (M 2.5)		0.4...0.6 Nm (M 2.5)		0.4...0.6 Nm (M 2.5)		0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm		7 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm		7 / 0.6 x 3.5 mm	
0.5...1		0.5...1		0.5...1		0.5...1	
0.5...1.5 / 0.5...1.5		0.5...1.5 / 0.5...1.5		0.5...1.5 / 0.5...1.5		0.5...1.5 / 0.5...1.5	
<b>Note</b>				2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)			

Type	Qty	Order No.
WDU 2.5/1.5/ZR	100	1024700000
WDU 2.5/1.5/ZR BL	100	1024780000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
Width			
WEW 35/2	8 mm	100	1061200000
Width			
WTA 2 WDU2.5-10	5 mm	25	1632320000
WTA 2/ZA WDU2.5-10	5 mm	25	1632330000
WAD 5 M. BL.	5 mm	50	1053460000
WAD 5 NEUTRAL	5 mm	50	1056060000
Width			
DEK 5/5 / WS 12/5			
Use a 2.5 / 1 mm <sup>2</sup> conductor when using the WQB.			





## Feed-through terminals

Identical profiles from 2.5 to 10 mm<sup>2</sup> with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>




### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
	Dark beige Wemid
Testing / Checking	
	Standard
	With assembly peg
Cover	
	With lightning flash symbol
	blank
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## WDU 2.5N/600 UL

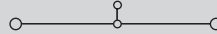
2.5 mm<sup>2</sup>

600V UL/CSA

Compact design



5.1 x 44 x 43.5  
32 / 4  
0.05...4



IEC 60947-7-1

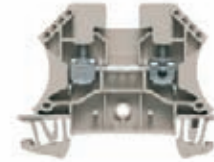
IEC	UL	CSA
800	600	600
24	25	20
2.5	AWG 30...12	AWG 26...12
8 / 3		
A3 / V-0		



Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)	

## WDU 4

4 mm<sup>2</sup>



6.1 x 60 x 47  
41 / 6  
0.13...6



IEC 60947-7-1

Ex ell  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	690
32	35	35	28
4	AWG 22...10	AWG 26...10	4
8 / 3			
A4 / V-0			



KEMA 98ATEX1683 U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
0.5...1.0 Nm (M 3)	
10 / 0.6 x 3.5 mm	
0.5...2.5	
0.5...1.5 / 0.5...1.5	
Note max. current of terminal (41 A) when using WQV!	

Type	Qty	Order No.
WDU 2.5N/600UL	100	1730940000

Type	Qty	Order No.
WDU 4	100	1020100000
WDU 4 BL	100	1020180000
Rated voltage 400V when using cross-connection ZQV See section „W-series accessories“ for colours available.		

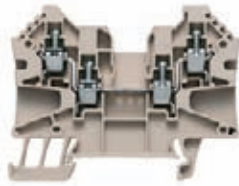
Type	current	Qty	Order No.
<b>current</b>			
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
<b>Width</b>			
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
EW 35	8.5 mm	50	0383560000
WTA 1 WDU1.5	5 mm	25	1632290000
WTA 1/ZA WDU1.5	5 mm	25	1632300000
WAD 4 GE BED	4 mm	50	1072000000
WAD 4 WS	4 mm	50	1072100000
DEK 5/5 / WS 12/5			
Socket and test plug, see section „W-series accessories“			

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000
WQV 4/2	32 A	50	1051960000
WQV 4/3	32 A	50	1054560000
WQV 4/4	32 A	50	1054660000
WQV 4/10	41 A	20	1052060000
<b>Width</b>			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
WEW 35/2	8 mm	100	1061200000
WTA 3 WDU4	6 mm	25	1632350000
WTA 3/ZA WDU4	6 mm	25	1632360000
WAD 5 M. BL.	5 mm	50	1053460000
WAD 5 NEUTRAL	5 mm	50	1056060000
WS 12/6			
Socket and test plug, see section „W Series accessories“. Shielding rail LS 2.8 1056400000.			

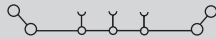
**WDU 4/ZZ**

4 mm<sup>2</sup>

Twin connection



6.1 x 70 x 53.5  
**32 / 6**  
**0.13...6**



IEC 60947-7-1				Ex e II			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600		800	600	600	
32	30	30		32	30	30	
4	AWG 30...10	AWG 30...10	4	4	AWG 30...10	AWG 30...10	4
				8 / 3			
				A4 / V-0			

Rated connection		Further connection
0.5...6 / 0.5...6		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
10 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		

Type	Qty	Order No.
WDU 4/ZZ	50	1905060000

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000

Width			
WAP WDU/WTR4/ZZ	1.5 mm	50	1905150000

WEW 35/2	8 mm	100	1061200000
----------	------	-----	------------

DEK 5/6 / WS 12/6

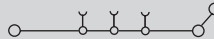
**WDU 4/ZR**

4 mm<sup>2</sup>

Supplementary connection, right



6.1 x 63.5 x 53.5  
**32 / 6**  
**0.13...6**



IEC 60947-7-1				Ex e II			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600		800	600	600	
32	30	30		32	30	30	
4	AWG 30...10	AWG 30...10	4	4	AWG 30...10	AWG 30...10	4
				8 / 3			
				A4 / V-0			

Rated connection		Further connection
0.5...6 / 0.5...6		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
10 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		

Type	Qty	Order No.
WDU 4/ZR	50	1905140000

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000

Width			
WAP WDU/WTR4/ZR	1.5 mm	50	1905070000

WEW 35/2	8 mm	100	1061200000
----------	------	-----	------------

DEK 5/6 / WS 12/6

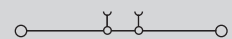
**WDU 4N**

4 mm<sup>2</sup>

Compact design



6.1 x 44 x 38.5  
**39 / 6**  
**0.13...6**



IEC 60947-7-1				Ex e II				II 2 G D	
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7		
500	300	300		500	300	300		440	
32	10	10		32	10	10		27	
4	AWG 26...12	AWG 26...10	4	4	AWG 26...12	AWG 26...10	4		
				6 / 3					
				A4 / V-0					

Rated connection		Further connection
0.5...6 / 1.5...6		
0.5...4 / 0.5...4		
0.5...1.0 Nm (M 3)		
11 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		

Type	Qty	Order No.
WDU 4N	100	1042600000
WDU 4N BL	100	1042680000

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000

Width			
WAP WDU2.5N/4N	1.5 mm	50	1060000000
WAP WDU2.5N/4N BL	1.5 mm	50	1060080000

EW 35	8.5 mm	50	0383560000
-------	--------	----	------------

WTA 1 WDU1.5	5 mm	25	1632290000
WTA 1/ZA WDU1.5	5 mm	25	1632300000

WAD 4 GE BED	4 mm	50	1072000000
WAD 4 WS	4 mm	50	1072100000

DEK 5/6 / WS 12/6

## Feed-through terminals

Identical profiles from 2.5 to 10 mm<sup>2</sup> with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	Approvals
<b>Clamped conductors (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
<b>2 conductors with same cross-section (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
<b>Note</b>	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
<b>Note</b>	

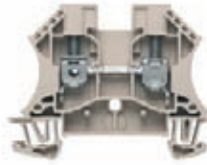
### Accessories

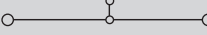
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
<b>End plate / partition</b>	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid
<b>End bracket</b>	
	Dark beige Wemid
<b>Testing / Checking</b>	
	Standard
<b>Cover</b>	
	With lightning flash symbol
	blank



<b>Marking systems</b>	(see assortment in catalogue 7)
	Marking tags
<b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b>	

## WDU 6

6 mm<sup>2</sup>



7.9 x 60 x 47	
<b>57 / 10</b>	
<b>0.08...10</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	1000	600	600	550
41	50	50	36	57	65	65	50
6	AWG 22...8	AWG 22...8	6	10	AWG 18...6	AWG 16...6	10
				8 / 3			
				A5 / V-0			
 KEMA 98ATEX1683 U							
Rated connection		Further connection		Rated connection		Further connection	
0.5...10 / 1.5...10		0.5...10 / 0.5...6		1.5...16 / 1.5...16		1...6 / 1.5...16	
0.8...1.6 Nm (M 3.5)		12 / 4.0 x 0.8 mm		1.2...2.4 Nm (M 4)		12 / 1.0 x 5.5 mm	
0.5...2.5		0.5...2.5 / 0.5...2.5		1...6		1...6 / 1...6	
Note max. current of terminal (57 A) when using WQV! Conductor connection H07V...10 and AWG 8 tighten with 1.4-1.6 Nm.							

Type	Qty	Order No.
WDU 6	100	1020200000
WDU 6 BL	100	1020280000
For colours available see section W-series accessories „Specific functions“		

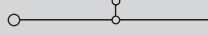
Type	current	Qty	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
<b>Width</b>			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
<b>Width</b>			
WEW 35/2	8 mm	100	1061200000
<b>Width</b>			
WTA 5/1	5 mm	25	1051260000
<b>Width</b>			
WAD 8 M. BL.	8 mm	50	1053560000
WAD 8 NEUTRAL	8 mm	50	1056160000



DEK 5/8 / WS 12/6,5	Socket and test plug, see section „W Series accessories“, shielding rail LS 2.8 1056400000.
---------------------	---------------------------------------------------------------------------------------------

## WDU 10

10 mm<sup>2</sup>



9.9 x 60 x 47	
<b>76 / 16</b>	
<b>1.31...16</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	1000	600	600	550
41	50	50	36	57	65	65	50
6	AWG 22...8	AWG 22...8	6	10	AWG 18...6	AWG 16...6	10
				8 / 3			
				B6 / V-0			
 KEMA 98ATEX1683 U							
Rated connection		Further connection		Rated connection		Further connection	
0.5...10 / 1.5...10		0.5...10 / 0.5...6		1.5...16 / 1.5...16		1...6 / 1.5...16	
0.8...1.6 Nm (M 3.5)		12 / 4.0 x 0.8 mm		1.2...2.4 Nm (M 4)		12 / 1.0 x 5.5 mm	
0.5...2.5		0.5...2.5 / 0.5...2.5		1...6		1...6 / 1...6	
Note max. current of terminal (76 A) when using WQV! AWG 6/7 and H07V-R16 tightened with 2.4 Nm.							

Type	Qty	Order No.
WDU 10	50	1020300000
WDU 10 BL	50	1020380000
For colours available see section W-series accessories „Specific functions“		

Type	current	Qty	Order No.
WQV 10/2	57 A	50	1052560000
WQV 10/3	57 A	50	1054960000
WQV 10/4	57 A	50	1055060000
WQV 10/10	57 A	20	1052460000
<b>Width</b>			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
<b>Width</b>			
WEW 35/2	8 mm	100	1061200000
<b>Width</b>			
WTA 5/1	5 mm	25	1051260000
<b>Width</b>			
WAD 8 M. BL.	8 mm	50	1053560000
WAD 8 NEUTRAL	8 mm	50	1056160000

DEK 5/5 / WS 12/6,5	Socket and test plug, see section „W Series accessories“, shielding rail LS 2.8 1056400000.
---------------------	---------------------------------------------------------------------------------------------

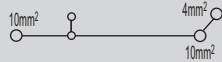
**WDU 10/ZR**

**10 mm<sup>2</sup>**

Supplementary connection, right (4 mm<sup>2</sup>)



9.9 x 70 x 49.5  
**76 / 16**  
**1.31...16**



IEC 60947-7-1

IEC	UL	CSA
800	600	600
57	65	65
10	AWG 16...6	AWG 16...6
8 / 3		
B6 / A4 / V-0		

Rated connection		Further connection
1.5...16 / 1.5...16	0.5...6 / 1.5...4	
1...6 / 1.5...16	0.5...4 / 0.5...4	
1.2...2.4 Nm (M 4)		
12 / 0.6 x 3.5 mm	9 / 0.6 x 3.5 mm	
1...1.5		
1...6 / 1...6		
Note max. current of terminal (76 A) when using WQV. AWG 6/7 and H07V-R16 tighten with 2.4 Nm. ZR connection top right A 4.		

Type	Qty	Order No.
WDU 10/ZR	50	<b>1042400000</b>
WDU 10/ZR BL	50	<b>1042480000</b>
Rated data relates to 10mm <sup>2</sup> connection		

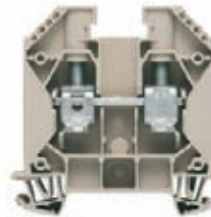
Type	current	Qty	Order No.
WQV 10/2	57 A	50	<b>1052560000</b>
WQV 10/3	57 A	50	<b>1054960000</b>
WQV 10/4	57 A	50	<b>1055060000</b>
WQV 10/10	57 A	20	<b>1052460000</b>
Width			
WAP 16+35 WTW 2.5-10	1.5 mm	20	<b>1050100000</b>
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	<b>1050180000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
WTA 5/1	5 mm	25	<b>1051260000</b>

DEK 5/5 / WS 12/6,5  
 Socket and test plug, see section „W-series accessories“

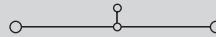
**WDU 16**

**16 mm<sup>2</sup>**

With peg for higher connection stability



11.9 x 60 x 63  
**101 / 25**  
**1.5...25**



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	690
76	85	85	66
16	AWG 18...4	AWG 14...6	16
8 / 3			
B7 / V-0			

Rated connection		Further connection
1.5...16 / 1.5...25		
1.5...25 / 1.5...16		
3.0...4.0 Nm (M 5)		
16 / 1.0 x 5.5 mm		
1.5...6		
1.5...6 / 1.5...6		
Conductor connection H07V...16 and AWG 6 with tightening torque of 2.0-2.4 Nm.		

Type	Qty	Order No.
WDU 16/ZA	50	<b>1028900000</b>
WDU 16/ZA BL	50	<b>1028980000</b>
Order No. 1020400000 and 1020480000 (blue) versions without pegs (50 pcs.)		

Type	current	Qty	Order No.
WQV 16/2	76 A	50	<b>1053260000</b>
WQV 16/3	76 A	50	<b>1055160000</b>
WQV 16/4	76 A	50	<b>1055260000</b>
WQV 16/10	76 A	10	<b>1053360000</b>
Width			
WAP 16+35 WTW 2.5-10	1.5 mm	20	<b>1050100000</b>
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	<b>1050180000</b>
WEW 35/1	12 mm	50	<b>1059000000</b>
WAD 12 M. BL.	12 mm	50	<b>1055960000</b>
WAD 12 NEUTRAL	12 mm	50	<b>1056260000</b>

DEK 5/5 / WS 12/6,5  
 Socket and test plug, see section „W-series accessories“

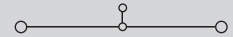
**WDU 16N**

**16 mm<sup>2</sup>**

Suitable for power distribution  
 Compact design



12 x 60 x 47  
**101 / 25**  
**1.5...25**



IEC 60947-7-1

IEC	UL	CSA
690	300	300
76	70	70
16	AWG 14...6	AWG 14...6
8 / 3		
B7 / V-0		

Rated connection		Further connection
1.5...16 / 1.5...25		
1.5...16 / 1.5...16		
1.2...2.4 Nm (M 4)		
12 / 1.0 x 5.5 mm		
1.5...4		
1.5...4 / 1.5...4		
AWG 6/7 and H07V-R25 with 1.5 Nm tightening torque		

Type	Qty	Order No.
WDU 16N	50	<b>1036100000</b>
WDU 16N BL	50	<b>1036180000</b>

Type	current	Qty	Order No.
WQV 16N/2	101 A	50	<b>1636560000</b>
WQV 16N/3	76 A	50	<b>1636570000</b>
WQV 16N/4	76 A	50	<b>1636580000</b>
Width			
WTW EN	3 mm	20	<b>1058800000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
WTA 2 WDU2.5-10	5 mm	25	<b>1632320000</b>
WAD 12N GE BED	12 mm	50	<b>1073200000</b>
WAD 12N WS	12 mm	50	<b>1073290000</b>

DEK 5/5 / WS 12/6,5  
 Socket and test plug, see section „W-series accessories“

## Feed-through terminals

Identical profiles from 2.5 to 10 mm<sup>2</sup> with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

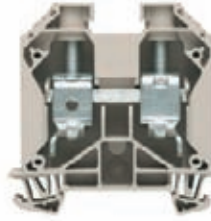
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Testing / Checking	
	Standard
Cover	
	With lightning flash symbol
	blank

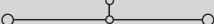
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	


## WDU 35

35 mm<sup>2</sup>

Clamping screw / spigot for good connection stability



16 x 60 x 63	
<b>150 / 50</b>	
<b>2.5...50</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
1000	1000	600	690	1000	1000	600	690
125	150	120	109	125	150	120	109
35	AWG 12...1	AWG 12...2	35	35	AWG 12...1	AWG 12...2	35
				8 / 3			
				B8 / V-0			
				KEMA 98ATEX1683 U			
Rated connection		Further connection		Rated connection		Further connection	
2.5...16 / 2.5...50		2.5...35 / 2.5...35		2.5...16 / 2.5...50		2.5...35 / 2.5...35	
4.0...5.0 Nm (M 6)		18 / 6.5 x 1.2 mm		4.0...6.0 Nm (M 6)		18 / S6 (DIN 6911)	
2.5...10 / 16...16		2.5...16 / 2.5...16		2.5...10 / 16...16		2.5...16 / 2.5...16	
The tightening torque is 4.5 Nm for 16 - 50 mm <sup>2</sup> and AWG 6 - 2/7 stranded conductors. Copper straps can be used; possible connections: 3 to 9 layers 9 x 0.8 mm.							

Type	Qty	Order No.
WDU 35/ZA	40	<b>1028800000</b>
WDU 35/ZA BL	40	<b>1028880000</b>
Order No. 1020500000 and 1020580000 (blue) versions without pegs (40 pcs.)		

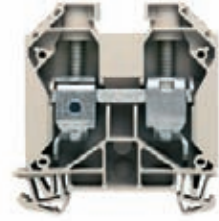
Type	current	Qty	Order No.
WQV 35/2	135 A	50	<b>1053060000</b>
WQV 35/3	112 A	50	<b>1055360000</b>
WQV 35/4	112 A	50	<b>1055460000</b>
WQV 35/10	112 A	10	<b>1053160000</b>
Width			
WAP 16+35 WTW 2.5-10	1.5 mm	20	<b>1050100000</b>
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	<b>1050180000</b>
WEW 35/1	12 mm	50	<b>1059000000</b>
WAD 12 M. BL.	12 mm	50	<b>1055960000</b>
WAD 12 NEUTRAL	12 mm	50	<b>1056260000</b>


Marking systems	
	DEK 5/5 / WS 12/6,5
	Socket and test plug, see section „W-series accessories“


## WDU 35 IK

35 mm<sup>2</sup>

Hexagonal socket / spigot for good connection stability



16 x 60 x 63	
<b>150 / 50</b>	
<b>2.5...50</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
1000	1000	600	690	1000	1000	600	690
125	150	120	109	125	150	120	109
35	AWG 12...1	AWG 12...2	35	35	AWG 12...1	AWG 12...2	35
				8 / 3			
				B8 / V-0			
				KEMA 98ATEX1683 U			
Rated connection		Further connection		Rated connection		Further connection	
2.5...16 / 2.5...50		2.5...35 / 2.5...35		2.5...16 / 2.5...50		2.5...35 / 2.5...35	
4.0...6.0 Nm (M 6)		18 / S6 (DIN 6911)		4.0...6.0 Nm (M 6)		18 / S6 (DIN 6911)	
2.5...10 / 16...16		2.5...16 / 2.5...16		2.5...10 / 16...16		2.5...16 / 2.5...16	
The tightening torque is 4.5 Nm for 16 - 50 mm <sup>2</sup> and AWG 6 - 2/7 stranded conductors. Copper straps can be used; possible connections: 3 to 9 layers 9 x 0.8 mm.							

Type	Qty	Order No.
WDU 35/IK/ZA	25	<b>1029000000</b>
Order No. 1020600000 and 1020680000 (blue) versions without pegs (25 pcs.)		

Type	current	Qty	Order No.
WQV 35/2	135 A	50	<b>1053060000</b>
WQV 35/3	112 A	50	<b>1055360000</b>
WQV 35/4	112 A	50	<b>1055460000</b>
WQV 35/10	112 A	10	<b>1053160000</b>
Width			
WAP 16+35 WTW 2.5-10	1.5 mm	20	<b>1050100000</b>
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	<b>1050180000</b>
WEW 35/1	12 mm	50	<b>1059000000</b>
WAD 12 M. BL.	12 mm	50	<b>1055960000</b>
WAD 12 NEUTRAL	12 mm	50	<b>1056260000</b>

Marking systems	
	WS 12/6,5 / DEK 5/5
	Socket and test plug, see section „W-series accessories“

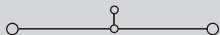
**WDU 35N**

**35 mm<sup>2</sup>**

Suitable for power distribution  
Compact design



16 x 66 x 51  
**150 / 50**  
**2.5...50**



IEC 60947-7-1

IEC	UL	CSA
500	300	300
125	150	10
35	AWG 12...1	AWG 12...2
	6 / 3	
	B8 / V-0	



Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4.0...5.0 Nm (M 6)	
18 / 6.5 x 1.2 mm	
2.5...6	
2.5...6 / 2.5...6	
The tightening torque is 4.5 Nm for 16 - 50 mm <sup>2</sup> and AWG 6 - 2/7 stranded conductors. Copper straps can be used; possible connections: 3 to 9 layers 9 x 0.8 mm.	

Type	Qty	Order No.
WDU 35N	20	<b>1040400000</b>
WDU 35N BL	20	<b>1040480000</b>

Type	current	Qty	Order No.
WQV 35N/2	135 A	20	<b>1079200000</b>
WQV 35N/3	101 A	20	<b>1079300000</b>
WQV 35N/4	101 A	20	<b>1079400000</b>
<b>Width</b>			
WTW EN	3 mm	20	<b>1058800000</b>
<b>Width</b>			
WEW 35/2	8 mm	100	<b>1061200000</b>
<b>Width</b>			
WAD 16N GE BED	16 mm	50	<b>1083600000</b>
WAD 16N WS	16 mm	50	<b>1083500000</b>

DEK 5/5 / WS 12/6,5

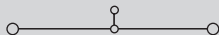
**WDU 50N**

**50 mm<sup>2</sup>**

Compact design



18.5 x 70 x 70  
**192 / 70**  
**10...70**



IEC 60947-7-1



IEC	UL	CSA	EN 60079-7
1000	600	600	690
150	150	150	126
50	AWG 10...1/0	AWG 8...1/0	50
	8 / 3		
	B10 / V-0		



KEMA 98ATEX1685 U

Rated connection	Further connection
10...16 / 10...70	
10...50 / 10...50	
3.5...6.0 Nm (M 6)	
24 / S4 (DIN 6911)	
/ 6...16	
6...16 / 6...16	
Copper straps can be used, possible connections: see online catalogue.	

Type	Qty	Order No.
WDU 50N	10	<b>1820840000</b>
WDU 50N BL	10	<b>1820850000</b>

Type	current	Qty	Order No.
WQV 50N/2	150 A	5	<b>1834060000</b>
WQV 50N/3	150 A	5	<b>1834070000</b>
WQV 50N/4	150 A	5	<b>1834080000</b>
<b>Width</b>			
WEW 35/1	12 mm	50	<b>1059000000</b>
<b>Width</b>			
WAD 20 GE WSD	20.5 mm	10	<b>9512260000</b>
WAD 20 WS	20.5 mm	10	<b>9512270000</b>

DEK 5/5 / WS 12/6,5

Auxiliary connection for the additional conductor „WZAD 50N“, order no. 1872720000 (up to 10 mm<sup>2</sup>, 41 A)

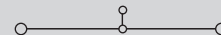
**WDU 70N**

**70 mm<sup>2</sup>**

Compact design



20.5 x 75 x 86  
**232 / 95**  
**10...95**



IEC 60947-7-1



IEC	UL	CSA	EN 60079-7
1000	600	600	690
192	175	205	167
70	AWG 6...3/0	AWG 8...2/0	70
	8 / 3		
	B11 / V-0		



KEMA 98ATEX1683 U

Rated connection	Further connection
10...16 / 10...95	
10...70 / 10...70	
6.0...10 Nm (M 8)	
22 / S6 (DIN 6911)	
6...16 / 10...	
10...25 / 6...25	
Copper straps can be used, possible connections: see online catalogue.	

Type	Qty	Order No.
WDU 70N/35	10	<b>9512190000</b>
WDU 70N/35 BL	10	<b>9512420000</b>

Type	current	Qty	Order No.
WQV 70N/2	192 A	5	<b>9512240000</b>
WQV 70N/3	192 A	5	<b>9512250000</b>
WQV 70N/4	192 A	5	<b>9531290000</b>
<b>Width</b>			
WEW 35/1	12 mm	50	<b>1059000000</b>
<b>Width</b>			
WAD 20 GE WSD	20.5 mm	10	<b>9512260000</b>
WAD 20 WS	20.5 mm	10	<b>9512270000</b>

DEK 5/5 / WS 12/6,5

Auxiliary connection for the additional conductor „WZAD 70N“, order no. 1964830000 (up to 10 mm<sup>2</sup>, 41 A)



## Feed-through terminals

Identical profiles from 2.5 to 10 mm<sup>2</sup> with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	Approvals
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Testing / Checking	
	Standard
Cover	
	With lightning flash symbol
	blank

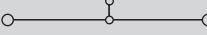
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	


## WDU 95N/120N

120 mm<sup>2</sup>

### Compact design



27 x 91 x 90	
<b>290 / 150</b>	
<b>16...150</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7				
1000	1000	1000	880				
269	228	220	243				
120	AWG 4...kcmil 250	AWG 4...4/0	120				
				8 / 3			
				B13 / V-0			
				KEMA 98ATEX1683 U			
Rated connection		Further connection					
16...16 / 16...150							
16...120 / 16...95							
12...20 Nm (M 10)							
27 / S6 (DIN 6911)							
10...16 / 10...35							
16...35 / 10...35							
Copper band strips can be used, refer to online catalogue When connecting the AWG conductor kcmil 250, the stripping length is 30 mm and the tightening torque is 16 Nm							

Type	Qty	Order No.
WDU 95N/120N	5	<b>1820550000</b>
WDU 95N/120N BL	5	<b>1820560000</b>

Type	current	Qty	Order No.
WQV 95N/120N-2	269 A	5	<b>1826890000</b>
WQV 95N/120N-3	269 A	5	<b>1826900000</b>
WQV 95N/120N-4	269 A	5	<b>1826910000</b>
Width			
WEW 35/1	12 mm	50	<b>1059000000</b>
WAD 20 GE WSD	20.5 mm	10	<b>9512260000</b>
WAD 20 WS	20.5 mm	10	<b>9512270000</b>

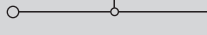
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	


DEK 5/5 / WS 12/6,5  
Auxiliary connection for the additional conductor „WZAD 95N/120N“, order no. 1859580000 (up to 10 mm<sup>2</sup>, 41 A)

## WDU 240

240 mm<sup>2</sup>



36 x 100 x 131.5	
<b>415 / 240</b>	
<b>70...240</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7				
1000	600	600	1100				
415	380	380	300				
240	AWG 00.500MCM	AWG 00.500MCM	240				
				8 / 3			
				B15 / V-0			
				KEMA 01ATEX2186 U			
Rated connection		Further connection					
/ 70...240							
70...240 / 70...185							
12...20 Nm (M 10)							
40 / S8 (DIN 6911)							
/ 35...95							
50...95 / 35...50							
Copper straps can be used, possible connections: see online catalogue.							

Type	Qty	Order No.
WDU 240	2	<b>1802780000</b>
WDU 240 BL	2	<b>1822210000</b>

Type	current	Qty	Order No.
WQB 240/2	320 A	5	<b>1802790000</b>
WQB 240/3	320 A	5	<b>1802800000</b>
Width			
WEW 35/1	12 mm	50	<b>1059000000</b>

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

DEK 5/5 / WS 12/6,5  
Auxiliary connection for the additional conductor „WZAD 240“, order no. 180281000 (up to 10 mm<sup>2</sup>, 57 A) ELPF insertion profile, for ribbon cable, order no. 1824680000



Large conductor cross-sections do not require a great force to insert them into the clamping point, but instead can be easily and quickly placed in the modular terminal.

Every type of terminal is available in both single and block forms. All blocks are screwed permanently together and therefore provide additional torsional rigidity.

Direct mounting is possible thanks to the elongated holes on the underside of the terminal.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**


Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
<b>2 conductors with same cross-section (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>

**Note**

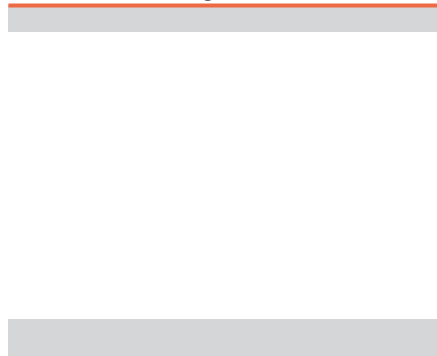
**Ordering data**

Version	
	Dark beige Wemid
	Blue Wemid
<b>Note</b>	

**Accessories**

Screwable cross-connection	
	2-pole
	3-pole
<b>End bracket</b>	
	Dark beige Wemid
<b>Cover</b>	
	With lightning flash symbol
	blank
<b>Marking systems</b> (see assortment in catalogue 7)	
	Marking tags
<b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b>	

**Technical drawing**

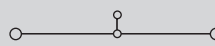



**WDU 70/95**

95 mm<sup>2</sup>

Conductor can be inserted from above / leaf spring



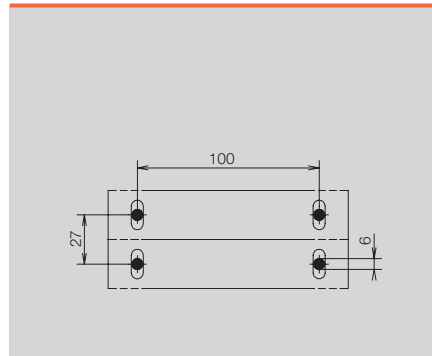
27 x 132 x 108	
<b>232 / 120</b>	
<b>13.3...120</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
1000	600	600	690	1000	600	600	1100
232	175	205	202	309	225	285	234
95	AWG 6...2/0	AWG 6...2/0	95	150	AWG 2...kamil 250	AWG 2...kamil 250	150
				8 / 3			
				B12 / V-0			
KEMA 98ATEX1686 U							
Rated connection				Further connection			
16...16 / 16...120				16...16 / 35...150			
16...95 / 16...95				35...70 / 35...95			
6.0...12 Nm (M 8)				10...20 Nm (M 10)			
30 / S6 (DIN 6911)				35 / S6 (DIN 6911)			
				/ 35...70			
16...16 / 16...35				35...70 / 35...70			
16...35 / 16...35							

**Note**

Type	Qty	Order No.
WDU 70/95	10	1024600000
WDU 70/95 BL	10	1024680000
<b>Note</b>		

Type	current	Qty	Order No.
WQV 70/95/2	192 A	5	1063500000
WQV 70/95/3	232 A	5	1063600000
Width			
WEW 35/1	12 mm	50	1059000000
WAD 27 M. BL.	27 mm	10	1062860000
WAD 27 NEUTRAL	27 mm	10	1062960000
<b>Note</b>			
DEK 5/5 / WS 12/6,5			
Auxiliary connection for the additional conductor „WZAD 70“, order no. 1066000000 (up to 4 mm <sup>2</sup> , 32 A)			




**WDU 120/150**

150 mm<sup>2</sup>

Conductor can be inserted from above / leaf spring



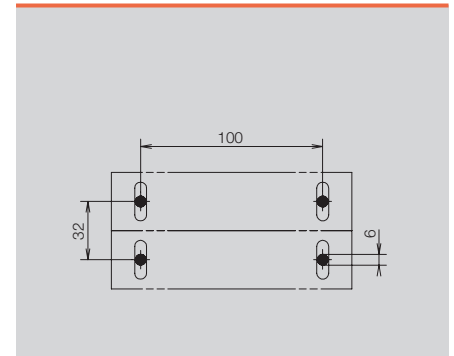
32 x 132 x 118	
<b>309 / 150</b>	
<b>33.63...150</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
1000	600	600	1100	1000	600	600	1100
309	225	285	234	309	225	285	234
150	AWG 2...kamil 250	AWG 2...kamil 250	150	150	AWG 2...kamil 250	AWG 2...kamil 250	150
				8 / 3			
				B13 / V-0			
KEMA 98ATEX1686 U							
Rated connection				Further connection			
16...16 / 35...150				16...16 / 35...150			
35...70 / 35...95				35...70 / 35...95			
10...20 Nm (M 10)				10...20 Nm (M 10)			
35 / S6 (DIN 6911)				35 / S6 (DIN 6911)			
				/ 35...70			
35...70 / 35...70				35...70 / 35...70			

**Note**

Type	Qty	Order No.
WDU 120/150	10	1024500000
WDU 120/150 BL	10	1024580000
<b>Note</b>		

Type	current	Qty	Order No.
WQV 120/2	269 A	5	1063300000
WQV 120/3	269 A	5	1063400000
Width			
WEW 35/1	12 mm	50	1059000000
WAD 27 M. BL.	27 mm	10	1062860000
WAD 27 NEUTRAL	27 mm	10	1062960000
<b>Note</b>			
DEK 5/5 / WS 12/6,5			
Auxiliary connection for the additional conductor „WZAD 120“, order no. 1066100000 (up to 4 mm <sup>2</sup> , 32 A)			



## Double level terminals

Identical profiles from 2.5 to 10 mm<sup>2</sup> with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>




### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Cover	
	With lightning flash symbol
	blank
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## WDK 2.5 ZQV

2.5 mm<sup>2</sup>

### Plug-in cross-connection



5.1 x 65.4 x 63	
<b>32 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1			
IEC	UL	CSA	
400	300	300	
24	20	25	
2.5	AWG 30...12	AWG 26...12	
6 / 3			
A3 / V-0			
KEMA 98ATEX1685 U			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.4...0.6 Nm (M 2.5)			
10 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)			

Type	Qty	Order No.
WDK 2.5 ZQV	100	1041100000
WDK 2.5 ZQV BL	100	1041180000
Rated voltage 400V when using cross-connection ZQV		
See section „W-series accessories“ for colours available.		

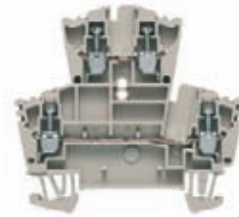
Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
WAD 4 GE BED	4 mm	50	1072000000
WAD 4 WS	4 mm	50	1072100000

DEK 5/5 / WS 8/5	Test plug and socket, see „W-Series Accessories“ section Note the 2.5 mm <sup>2</sup> max. when using the WQB.
------------------	-------------------------------------------------------------------------------------------------------------------

## WDK 2.5

2.5 mm<sup>2</sup>

### Screwable cross-connection



5.1 x 69 x 63	
<b>32 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1				Ex e ll II 2 G D	
IEC	UL	CSA	EN 60079-7		
400	300	300	275		
24	20	10	21		
2.5	AWG 30...12	AWG 26...12	2.5		
6 / 3					
A3 / V-0					
KEMA 98ATEX1687 U					
Rated connection					
0.5...4 / 1.5...4					
0.5...4 / 0.5...2.5					
0.4...0.6 Nm (M 2.5)					
10 / 0.6 x 3.5 mm					
0.5...1.5					
0.5...1.5 / 0.5...1.5					
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)					

Type	Qty	Order No.
WDK 2.5	100	1021500000
WDK 2.5 BL	100	1021580000
For colours available see section W-series accessories „Specific functions“		

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
WAD 4 GE BED	4 mm	50	1072000000
WAD 4 WS	4 mm	50	1072100000

DEK 5/5 / WS 8/5	Test plug and socket, see „W-Series Accessories“ section Note the 2.5 mm <sup>2</sup> max. when using the WQB.
------------------	-------------------------------------------------------------------------------------------------------------------

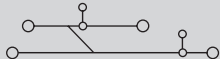
**WDK 2.5 V**

**2.5 mm<sup>2</sup>**

Both levels at one potential



5.1 x 69.5 x 63  
32 / 4  
0.05...4



IEC 60947-7-1 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	10	21
2.5	AWG 30...12	AWG 26...12	2.5
6 / 3			
A3 / V-0			

**UL** **CSA** **EN 60079-7** KEMA 98ATEX1687 U

**Rated connection**

- 0.5...4 / 1.5...4
- 0.5...4 / 0.5...2.5
- 0.4...0.6 Nm (M 2.5)
- 10 / 0.6 x 3.5 mm

- 0.5...1.5
- 0.5...1.5 / 0.5...1.5

2.5 mm<sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Qty	Order No.
WDK 2.5V	100	1022300000
WDK 2.5V BL	100	1022380000

For colours available see section W-series accessories „Specific functions“

Type	Qty	Order No.
<b>current</b>		
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/3	32 A 50	1053760000
WQV 2.5/4	32 A 50	1053860000
WQV 2.5/10	32 A 20	1054460000
<b>Width</b>		
WAP WDK2.5	1.5 mm 20	1059100000
WAP WDK2.5 BL	1.5 mm 20	1059180000
WTW EN	3 mm 20	1058800000
WEW 35/2	8 mm 100	1061200000
WAD 4 GE BED	4 mm 50	1072000000
WAD 4 WS	4 mm 50	1072100000

DEK 5/5 / WS 8/5

Test plug and socket, see „W-Series Accessories“ section  
Note the 2.5 mm<sup>2</sup> max. when using the WQB.

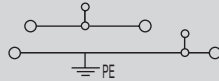
**WDK 2.5 DU-PE**

**2.5 mm<sup>2</sup>**

Lower level earthed on terminal rail



5.1 x 69.5 x 63  
32 / 4  
0.05...4



IEC 60947-7-1 (-7-2) Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	10	21
2.5	AWG 30...12	AWG 26...12	2.5
6 / 3			
A3 / V-0			

**UL** **CSA** **EN 60079-7** KEMA 98ATEX1687 U

**Rated connection**

- 0.5...4 / 1.5...4
- 0.5...4 / 0.5...2.5
- 0.4...0.6 Nm (M 2.5)
- 10 / 0.6 x 3.5 mm

- 0.5...1.5
- 0.5...1.5 / 0.5...1.5

2.5 mm<sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Qty	Order No.
WDK 2.5DU-PE	100	1036400000

Type	Qty	Order No.
<b>current</b>		
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/3	32 A 50	1053760000
WQV 2.5/4	32 A 50	1053860000
WQV 2.5/10	32 A 20	1054460000
<b>Width</b>		
WAP WDK2.5	1.5 mm 20	1059100000
WAP WDK2.5 BL	1.5 mm 20	1059180000
WTW EN	3 mm 20	1058800000
WEW 35/2	8 mm 100	1061200000
WAD 4 GE BED	4 mm 50	1072000000
WAD 4 WS	4 mm 50	1072100000

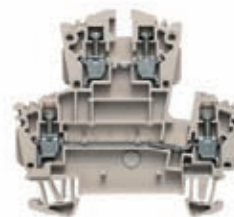
DEK 5/5 / WS 8/5

Test plug and socket, see section „W-Series accessories“  
Note the 2.5 mm<sup>2</sup> max. when using the WQB.

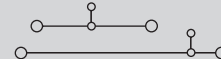
**WDK 2.5 / 800 V**

**2.5 mm<sup>2</sup>**

Rated voltage 800 V



6.1 x 69 x 63  
32 / 4  
0.05...4



IEC 60947-7-1 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
800			440
24		10	24
2.5			2.5
8 / 3			
A3 / V-0			

**UL** **CSA** **EN 60079-7** KEMA 98ATEX1685 U

**Rated connection**

- 0.5...4 / 1.5...4
- 0.5...4 / 0.5...2.5
- 0.4...0.6 Nm (M 2.5)
- 10 / 0.6 x 3.5 mm

- 0.5...1.5
- 0.5...1.5 / 0.5...1.5

2.5 mm<sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Qty	Order No.
WDK 2.5/800V	100	1029100000

Type	Qty	Order No.
<b>current</b>		
Q 2 AKZ4SS	20 A 50	0369000000
Q 3 AKZ4SS	20 A 50	0369100000
Q 4 AKZ4SS	20 A 50	0369200000
Q 10 AKZ4SS	20 A 20	0369300000
<b>Width</b>		
WAP WDK2.5	1.5 mm 20	1059100000
WAP WDK2.5 BL	1.5 mm 20	1059180000
WAP 16+35 WTW 2.5-10	1.5 mm 20	1050100000
WEW 35/2	8 mm 100	1061200000
WAD 4 GE BED	4 mm 50	1072000000
WAD 4 WS	4 mm 50	1072100000

DEK 5/6 / WS 8/5

Test plug and socket, see „W-Series Accessories“ section  
Note the 2.5 mm<sup>2</sup> max. when using the WQB.

## Double level terminals

Identical profiles from 2.5 to 10 mm<sup>2</sup> with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>




### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

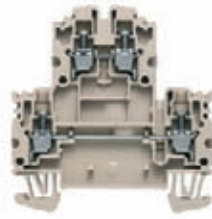
### Accessories

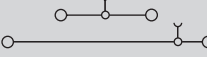
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Cover	
	With lightning flash symbol
	blank
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	



## WDK 2.5N

2.5 mm<sup>2</sup>

Plug-in cross-connection  
Compact design



5.1 x 60.7 x 62.5	
<b>28 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	300	550	800	600	300	550
24	20	20	21	24	20	20	21
2.5	AWG 30...12	AWG 26...12	2.5	2.5	AWG 30...12	AWG 26...12	2.5
				8 / 3			
				A3 / V-0			
				KEMA 00ATEX2061 U			
Rated connection							
0.5...4 / 1.5...4							
0.5...4 / 0.5...2.5							
0.4...0.6 Nm (M 2.5)							
8 / 0.6 x 3.5 mm							
0.5...1.5							
0.5...1.5 / 0.5...1.5							
When using the cross-connection ZQV 2.5N, the rated voltage is reduced to 400 V.							

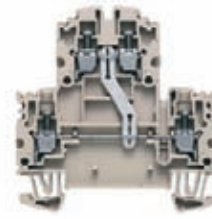
Type	Qty	Order No.
WDK 2.5N	100	1041600000
WDK 2.5N BL	100	1041680000

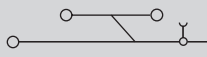
Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WAP WDK2.5/4 N BL	1.5 mm	20	1084080000
WTW EN	3 mm	20	1058800000
Width			
WEW 35/2	8 mm	100	1061200000
Marking systems			
DEK 5/5 / WS 8/5			



## WDK 2.5N V

2.5 mm<sup>2</sup>

Both levels at one potential  
Compact design



5.1 x 60.7 x 62.5	
<b>28 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1				Ex e ll  II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	300	550	800	600	300	550
24	20	20	21	24	20	20	21
2.5	AWG 30...12	AWG 26...12	2.5	2.5	AWG 30...12	AWG 26...12	2.5
				8 / 3			
				A3 / V-0			
				KEMA 00ATEX2061 U			
Rated connection							
0.5...4 / 1.5...4							
0.5...4 / 0.5...2.5							
0.4...0.6 Nm (M 2.5)							
8 / 0.6 x 3.5 mm							
0.5...1.5							
0.5...1.5 / 0.5...1.5							
When using the cross-connection ZQV, the rated voltage is reduced to 400 V.							

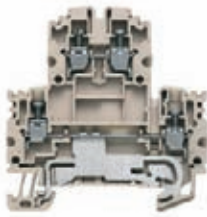
Type	Qty	Order No.
WDK 2.5N V	100	1041610000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
ZQV 2.5N/20 GE	24 A	20	1909000000
Width			
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WAP WDK2.5/4 N BL	1.5 mm	20	1084080000
WTW EN	3 mm	20	1058800000
Width			
WEW 35/2	8 mm	100	1061200000
Marking systems			
DEK 5/5 / WS 8/5			

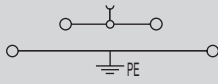
**WDK 2.5N DU-PE**

**2.5 mm<sup>2</sup>**

Lower level earthed on terminal rail  
Compact design



5.1 x 60.7 x 62.5  
**28 / 4**  
**0.05...4**



IEC 60947-7-1 (-7-2) Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
24	20	20	21
2.5	AWG 30...12	AWG 26...12	2.5
8 / 3			
A3 / V-0			

KEMA 00ATEX2061 U

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
When using the cross-connection ZQV, the rated voltage is reduced to 400 V.	

Type	Qty	Order No.
WDK 2.5N DU-PE	100	<b>1041650000</b>

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	<b>1693800000</b>
ZQV 2.5N/3 GE	24 A	60	<b>1693810000</b>
ZQV 2.5N/4 GE	24 A	60	<b>1693820000</b>
ZQV 2.5N/10 GE	24 A	20	<b>1693880000</b>
ZQV 2.5N/20 GE	24 A	20	<b>1909000000</b>

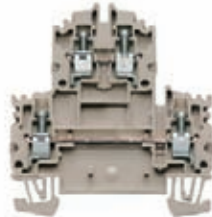
Width			
WAP WDK2.5/4 N	1.5 mm	20	<b>1084000000</b>
WAP WDK2.5/4 N BL	1.5 mm	20	<b>1084080000</b>
WTW EN	3 mm	20	<b>1058800000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>

DEK 5/5 / WS 8/5

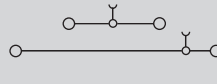
**WDK 4N**

**4 mm<sup>2</sup>**

Plug-in cross-connection  
Compact design



6.1 x 60 x 64.1  
**35 / 6**  
**0.13...6**



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
32	35	30	28
4	AWG 26...10	AWG 26...10	4
8 / 3			
A4 / V-0			

KEMA 00ATEX2061 U

Rated connection	
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1.0 Nm (M 3)	
8 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
Rated voltage: 400V when using ZQV cross-connection 2 wire H07V-U1.5, tighten with 0.6 Nm.	

Type	Qty	Order No.
WDK 4N	100	<b>1041900000</b>
WDK 4N BL	100	<b>1041980000</b>

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A	60	<b>1758250000</b>
ZQV 4N/3 GE	32 A	60	<b>1762630000</b>
ZQV 4N/4 GE	32 A	60	<b>1762620000</b>
ZQV 4N/10 GE	32 A	20	<b>1758260000</b>
ZQV 4N/20 GE	32 A	20	<b>1909020000</b>

Width			
WAP WDK2.5/4 N	1.5 mm	20	<b>1084000000</b>
WAP WDK2.5/4 N BL	1.5 mm	20	<b>1084080000</b>
WTW EN	3 mm	20	<b>1058800000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>

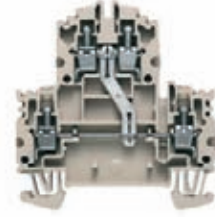
DEK 5/6 / WS 8/5

Test plug and socket, see „W-Series Accessories“ section  
Note the 2.5 mm<sup>2</sup> max. when using the WQB.

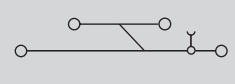
**WDK 4N V**

**4 mm<sup>2</sup>**

Both levels at one potential  
Compact design



6.1 x 60.7 x 64.1  
**35 / 6**  
**0.13...6**



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
32	35	30	28
4	AWG 26...10	AWG 26...10	4
8 / 3			
A4 / V-0			

KEMA 00ATEX2061 U

Rated connection	
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1.0 Nm (M 3)	
8 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
Rated voltage: 400V when using ZQV cross-connection 2 wire H07V-U1.5, tighten with 0.6 Nm.	

Type	Qty	Order No.
WDK 4N V	100	<b>1041910000</b>

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A	60	<b>1758250000</b>
ZQV 4N/3 GE	32 A	60	<b>1762630000</b>
ZQV 4N/4 GE	32 A	60	<b>1762620000</b>
ZQV 4N/10 GE	32 A	20	<b>1758260000</b>
ZQV 4N/20 GE	32 A	20	<b>1909020000</b>

Width			
WAP WDK2.5/4 N	1.5 mm	20	<b>1084000000</b>
WAP WDK2.5/4 N BL	1.5 mm	20	<b>1084080000</b>
WTW EN	3 mm	20	<b>1058800000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>

DEK 5/6 / WS 8/5

Test plug and socket, see „W-Series Accessories“ section  
Note the 2.5 mm<sup>2</sup> max. when using the WQB.

## Double level terminals

Identical profiles from 2.5 to 10 mm<sup>2</sup> with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

#### Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

#### Clamped conductors (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

#### 2 conductors with same cross-section (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>

#### Note

### Ordering data

#### Version

Dark beige Wemid
Blue Wemid

#### Note

### Accessories

#### Pluggable cross-connection



2-pole
3-pole
4-pole
10-pole
20-/24-pole

#### Screwable cross-connection



2-pole
3-pole
4-pole
10-pole

#### End plate / partition

Dark beige Wemid
Blue Wemid
Dark beige Wemid

#### End bracket

Dark beige Wemid
------------------

#### Cover



With lightning flash symbol
blank

#### Marking systems

(see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

## WDK 4N DU-PE

4 mm<sup>2</sup>

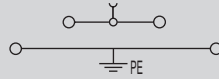
Lower level earthed on terminal rail  
Compact design



6.1 x 60.7 x 64.1

35 / 6

0.13...6



IEC 60947-7-1 (-7-2)

Ex e ll



ll 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
32	35	30	28
4	AWG 26...10	AWG 26...10	4
8 / 3			
A4 / V-0			

CE, RoHS, REACH, TÜV

KEMA 00ATEX2061 U

#### Rated connection

0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...1.0 Nm (M 3)
8 / 0.6 x 3.5 mm
0.5...1.5
0.5...1.5 / 0.5...1.5

Rated voltage is 400 V when using the ZQV cross-connector.  
It is prohibited to connect two conductors via the PE connection!

Type	Qty	Order No.
WDK 4N DU-PE	100	1041950000

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000

Width			
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WAP WDK2.5/4 N BL	1.5 mm	20	1084080000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000

DEK 5/6 / WS 8/5

Test plug and socket, see „W-Series Accessories“ section  
Note the 2.5 mm<sup>2</sup> max. when using the WQB.

Identical profiles from 2.5 to 10 mm<sup>2</sup> with uniform end and partition plates. An unsurpassed combination of many advantages! Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. cond. cross-section	mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Tightening torque range (fixing screw)	
Stripping length / Blade size	mm/-

**Note**

**Ordering data**

Version	Note
green/yellow Wemid	

**Accessories**

End plate / partition	End bracket	Screwdriver
Dark beige Wemid	Dark beige Wemid Dark beige Wemid	Standard

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

**WPE 1.5/ZZ**

1.5 mm<sup>2</sup>

**Twin connection**



5.1 x 60 x 47	
<b>2.5</b>	
<b>0.13...2.5</b>	

IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5
800			
8			
	180 A (1,5 mm <sup>2</sup> )		
	3		
	A1 / V-0		

Rated connection		Further connection	
0.5...2.5 / 1.5...2.5			
0.5...1.5 / 0.5...1.5			
0.4...0.6 Nm (M 2.5)			
0.4...0.6 Nm			
7 / 0.6 x 3.5 mm			

Type	Qty	Order No.
WPE 1.5/ZZ	100	1016500000

Type	Width	Qty	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WEW 35/2	8 mm	100	1061200000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 12/5  
Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

**WPE 2.5/1.5/ZR**

2.5 mm<sup>2</sup>

**Supplementary connection, right (1.5 mm<sup>2</sup>)**



5.1 x 60 x 47	
<b>4</b>	
<b>0.05...4</b>	

IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	2.5
800			
8			
	300 A (2,5 mm <sup>2</sup> )		
	3		
	A3 / V-0		

Rated connection		Further connection	
0.5...4 / 1.5...4		0.5...2.5 / 1.5...2.5	
0.5...4 / 0.5...2.5		0.5...1.5 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)			
0.4...0.6 Nm (M 2.5)			
10 / 0.6 x 3.5 mm		7 / 0.6 x 3.5 mm	

2.5 mm<sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Qty	Order No.
WPE 2.5/1.5/ZR	100	1016400000

Type	Width	Qty	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WEW 35/2	8 mm	100	1061200000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 12/5  
Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)



## Modular PE terminals

Identical profiles from 2.5 to 10 mm<sup>2</sup> with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. cond. cross-section	mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Tightening torque range (fixing screw)	
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	Note
green/yellow Wemid	

### Accessories

End plate / partition	End bracket	Screwdriver
Dark beige Wemid	Dark beige Wemid	Standard
	Dark beige Wemid	

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## WPE 2.5

2.5 mm<sup>2</sup>



5.1 x 60 x 47	
4	
0.05...4	

IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5
800			
8			
	300 A (2.5 mm <sup>2</sup> )		
	3		
	A3 / V-0		

Rated connection		Further connection	
0.5...4	1.5...4		
0.5...4	0.5...2.5		
0.4...0.8 Nm (M 2.5)			
0.4...0.8 Nm			
10 / 0.6 x 3.5 mm			
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)			

## WPE 2.5N

2.5 mm<sup>2</sup>



5.1 x 54 x 37.5	
4	
0.05...4	

IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	2.5
500			
6			
	300 A (2.5 mm <sup>2</sup> )		
	3		
	A3 / V-0		

Rated connection		Further connection	
0.5...4	1.5...4		
0.5...4	0.5...2.5		
0.4...0.6 Nm (M 2.5)			
0.4...0.6 Nm			
10 / 0.6 x 3.5 mm			
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)			

Type	Qty	Order No.
WPE 2.5N	100	1016200000

Type	Width	Qty	Order No.
WAP WDU2.5N/4N	1.5 mm	50	1060000000
EW 35	8.5 mm	50	0383560000
SD 0.6x3.5x100		1	9008330000

Type	Qty	Order No.
WPE 2.5	100	1010000000

Type	Width	Qty	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WEW 35/2	8 mm	100	1061200000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 12/5

Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

DEK 5/5 / WS 12/5

Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)



**WDK 2.5 PE**

**2.5 mm<sup>2</sup>**



5.1 x 69.5 x 63  
4  
0.05...4



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	2.5
400			
6			
	300 A (2.5 mm <sup>2</sup> )		
	3		
	A3 / V-0		

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	

10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Qty	Order No.
WDK 2.5PE	100	1036300000

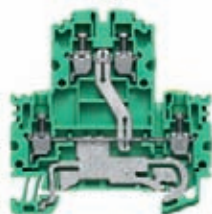
Type	Width	Qty	Order No.
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 8/5

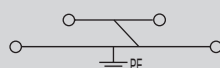
Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

**WDK 2.5N PE**

**2.5 mm<sup>2</sup>**



5.1 x 60.7 x 62.5  
4  
0.05...4



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	2.5
800			
8			
	300 A (2.5 mm <sup>2</sup> )		
	3		
	A3 / V-0		

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	

8 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	Qty	Order No.
WDK 2.5N PE	100	1041620000

Type	Width	Qty	Order No.
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WEW 35/2	8 mm	100	1061200000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 8/5

Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

## Modular PE terminals

Identical profiles from 2.5 to 10 mm<sup>2</sup> with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. cond. cross-section	mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Tightening torque range (fixing screw)	
Stripping length / Blade size	mm/-

#### Note

### Ordering data

Version
green/yellow Wemid

Note

### Accessories

End plate / partition
Dark beige Wemid
End bracket
Dark beige Wemid
Dark beige Wemid
Screwdriver
Standard

**Marking systems** (see assortment in catalogue 7)  
Marking tags

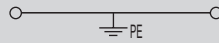
**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## WPE 4

4 mm<sup>2</sup>



6.1 x 56 x 47
<b>6</b>
<b>0.13...6</b>



IEC 60947-7-2 Ex e ll Ex II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 22...10	AWG 26...10	4
800			
8			
	480 A (4 mm <sup>2</sup> )		
	3		
	A4 / V-0		

Rated connection		Further connection	
0.5...6	0.5...6		
0.5...6	0.5...4		
0.5...1.0 Nm (M 3)			
0.5...0.8 Nm			
10 / 0.6 x 3.5 mm			

Type	Qty	Order No.
WPE 4	100	<b>1010100000</b>

Type	Width	Qty	Order No.
WEW 35/2	8 mm	100	<b>1061200000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

DEK 5/6 / WS 12/6  
Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

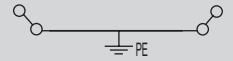
## WPE 4/ZZ

4 mm<sup>2</sup>



### Twin connection

6.1 x 70 x 53.5
<b>6</b>
<b>0.13...6</b>



IEC 60947-7-2 Ex e ll Ex II 2 G D

IEC	UL	CSA	EN 60079-7
4		AWG 30...10	4
800			
8			
	480 A (4 mm <sup>2</sup> )		
	3		
	A4 / V-0		

Rated connection		Further connection	
0.5...6	0.5...4		
0.5...4	0.5...4		
0.5...0.8 Nm (M 3)			
10 / 0.6 x 3.5 mm			

Type	Qty	Order No.
WPE 4/ZZ	50	<b>1905130000</b>

Type	Width	Qty	Order No.
WAP WDU/WTR4/ZZ	1.5 mm	50	<b>1905150000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

DEK 5/6 / WS 12/6  
Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

**WPE 4/ZR**

4 mm<sup>2</sup>

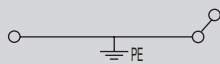
Supplementary connection, right



6.1 x 63.5 x 53.5

6

0.13...6



IEC 60947-7-2

Ex e II



IEC	UL	CSA	EN 60079-7
4		AWG 30...10	4
800			
8			
	480 A (4 mm <sup>2</sup> )		
	3		
	A4 / V-0		



Rated connection	Further connection
0.5...6 / 0.5...4	
0.5...2.5 / 0.5...4	
0.5...0.8 Nm (M 3)	

10 / 0.6 x 3.5 mm

Type	Qty	Order No.
WPE 4/ZR	50	1905120000

Type	Width	Qty	Order No.
WAP WDU/WTR4/ZR	1.5 mm	50	1905070000
WEW 35/2	8 mm	100	1061200000
SD 0.6x3.5x100		1	9008330000

DEK 5/6 / WS 12/6

Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

**WPE 4N**

4 mm<sup>2</sup>

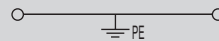
Compact design



6.1 x 50 x 38.5

6

0.13...6



IEC 60947-7-2

Ex e II



II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
500			
6			
	480 A (4 mm <sup>2</sup> )		
	3		
	A3 / V-0		



Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1.0 Nm (M 3)	

10 / 0.6 x 3.5 mm

Type	Qty	Order No.
WPE 4N	100	1042700000

Type	Width	Qty	Order No.
WAP WDU2.5N/4N	1.5 mm	50	1060000000
EW 35	8.5 mm	50	0383560000
SD 0.6x3.5x100		1	9008330000

DEK 5/6 / WS 12/6

Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

**WDK 4N PE**

4 mm<sup>2</sup>

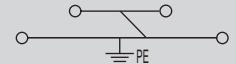
Compact design



6.1 x 60.7 x 64.1

6

0.13...6



IEC 60947-7-2

Ex e II



II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4
800			
8			
	480 A (4 mm <sup>2</sup> )		
	3		
	A3 / V-0		



Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...1.0 Nm (M 3)	

8 / 0.6 x 3.5 mm

Type	Qty	Order No.
WDK 4N PE	100	1041920000

Type	Width	Qty	Order No.
WAP WDK2.5/4 N	1.5 mm	20	1084000000
WEW 35/2	8 mm	100	1061200000
SD 0.6x3.5x100		1	9008330000

DEK 5/6 / WS 8/5

Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

## Modular PE terminals

Identical profiles from 2.5 to 10 mm<sup>2</sup> with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. cond. cross-section	mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Tightening torque range (fixing screw)	
Stripping length / Blade size	mm/-

#### Note

### Ordering data

Version
green/yellow Wemid

#### Note

### Accessories

<b>End bracket</b>	Dark beige Wemid
<b>Screwdriver</b>	Standard
<b>PEN bridge</b>	

#### Marking systems

(see assortment in catalogue 7)

Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## WPE 6

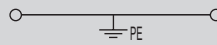
6 mm<sup>2</sup>



7.9 x 56 x 47

10

0.08...10



IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	6
800			
8			
720 A (6 mm <sup>2</sup> )			
3			
A5 / V-0			

Rated connection	Further connection
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
0.8...1.6 Nm (M 3.5)	
0.5...1.0 Nm	
12 / 4.0 x 0.8 mm	

Conductor connection H07V...10 and AWG 8 tighten with 1.4-1.6 Nm.

Type	Qty	Order No.
WPE 6	50	1010200000

Type	Width	Qty	Order No.
WEW 35/2	8 mm	100	1061200000
SD 0.8x4.0x100		1	9008340000

DEK 5/8 / WS 12/6,5

Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

## WPE 10

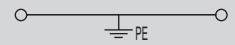
10 mm<sup>2</sup>



9.9 x 60 x 47

16

1.31...16



IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	10
1000			
8			
1200 A (10 mm <sup>2</sup> )			
3			
B6 / V-0			

Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...2.4 Nm (M 4)	
0.5...1.0 Nm	
12 / 0.6 x 3.5 mm	

AWG 6/7 and H07V-R16 tighten with 2.4 Nm.

Type	Qty	Order No.
WPE 10	50	1010300000

Type	Width	Qty	Order No.
WEW 35/2	8 mm	100	1061200000
SD 1.0x5.5x150		1	9008350000
WQB-PEN 10		10	1060300000

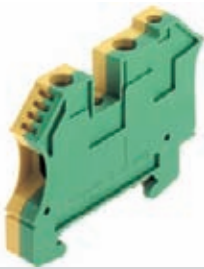
DEK 5/5 / WS 12/6,5

Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

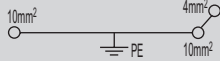
**WPE 10/ZR**

**10 mm<sup>2</sup>**

Supplementary connection, right (4 mm<sup>2</sup>)



9.9 x 66 x 49.5  
**16**  
**1.31...16**



IEC 60947-7-2

IEC	UL	CSA
10	AWG 16...6	AWG 14...6
1000		
8		
	1200 A (10 mm <sup>2</sup> )	
	3	
	B6 / A4 / V-0	

Rated connection	Further connection
1.5...16 / 1.5...16	0.5...6 / 1.5...4
1.5...16 / 1.5...16	0.5...4 / 1.5...16
1.2...2.4 Nm (M 4)	0.6...0.8 Nm (M 3)
0.5...1.0 Nm (M 3)	
12 / 0.6 x 3.5 mm	9 / 0.6 x 3.5 mm

Max. conductor cross-sections refer to 10 mm<sup>2</sup> connection. AWG 6/7 and H07V-R16 tighten with 2.4 Nm.

Type	Qty	Order No.
WPE 10/ZR	50	<b>1042500000</b>

Type	Width	Qty	Order No.
WEW 35/2	8 mm	100	<b>1061200000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
WQB-PEN 10		10	<b>1060300000</b>

DEK 5/5 / WS 12/6,5

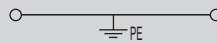
Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

**WPE 16**

**16 mm<sup>2</sup>**



11.9 x 56 x 63  
**25**  
**1.5...25**



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 14...6	16
1000			
8			
	1920 A (16 mm <sup>2</sup> )		
	3		
	B7 / V-0		

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...25 / 1.5...16	
2.0...4.0 Nm (M 5)	
3.0...4.0 Nm	
16 / 1.0 x 5.5 mm	

For 25mm<sup>2</sup>, the TS 35x15 (steel, 1.5mm thick) should be used. Conductor connection H07V...16 and AWG 6 with tightening torque of 2.0-2.4 Nm.

Type	Qty	Order No.
WPE 16	50	<b>1010400000</b>

Type	Width	Qty	Order No.
WEW 35/1	12 mm	50	<b>1059000000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>
WQB-PEN 16		10	<b>1060200000</b>

DEK 5/5 / WS 12/6,5

Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

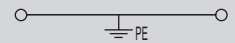
**WPE 16N**

**16 mm<sup>2</sup>**

Compact design



12 x 56 x 47  
**25**  
**1.5...25**



IEC 60947-7-2

IEC	UL	CSA
16	AWG 14...6	AWG 14...6
400		
6		
	1920 A (16 mm <sup>2</sup> )	
	3	
	B7 / V-0	

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...16 / 1.5...16	
1.2...2.4 Nm (M 4)	
0.5...1.0 Nm	
12 / 1.0 x 5.5 mm	

25 mm<sup>2</sup> stranded requires a tightening torque of 2.2 Nm.

Type	Qty	Order No.
WPE 16N	50	<b>1019100000</b>

Type	Width	Qty	Order No.
WEW 35/2	8 mm	100	<b>1061200000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>
WQB-PEN 16N		10	<b>1071350000</b>

DEK 5/5 / WS 12/6,5

Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

## Modular PE terminals

Identical profiles from 2.5 to 10 mm<sup>2</sup> with uniform end and partition plates. An unsurpassed combination of many advantages!

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. cond. cross-section	mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Tightening torque range (fixing screw)	
Stripping length / Blade size	mm/-

#### Note

### Ordering data

Version
green/yellow Wemid
Note

### Accessories

End bracket
Dark beige Wemid
Screwdriver
Standard
PEN bridge

**Marking systems** (see assortment in catalogue 7)

Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## WPE 35

35 mm<sup>2</sup>



16 x 56 x 63	
<b>50</b>	
<b>2.5...50</b>	

IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...1	AWG 12...2	35
800			
8			
	4200 A (35 mm <sup>2</sup> )		
	3		
	B8 / V-0		

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4.0...5.0 Nm (M 6)	
1.2...2.4 Nm	
18 / 6.5 x 1.2 mm	

The torque is 4.5Nm for 16-50 mm<sup>2</sup> and AWG 6-2/7 stranded wires. Use TS 35x15 (1.5 mm thick) for 25mm<sup>2</sup> wires and TS 35x15(2.3mm thick) for 35mm<sup>2</sup>/50mm<sup>2</sup>.

Type	Qty	Order No.
WPE 35	25	<b>1010500000</b>

Type	Width	Qty	Order No.
WEW 35/1	12 mm	50	<b>1059000000</b>
SD 1.2x6.5x150		1	<b>9009010000</b>
WQB-PEN 35		10	<b>1060100000</b>

DEK 5/5 / WS 12/6,5

Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

## WPE 35N

35 mm<sup>2</sup>

### Compact design



16 x 66 x 51	
<b>50</b>	
<b>2.5...50</b>	

IEC 60947-7-2

IEC	UL	CSA
35	AWG 12...1/0	AWG 12...2
400		
6		
	4200 A (35 mm <sup>2</sup> )	
	3	
	B8 / V-0	

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4.0...5.0 Nm (M 6)	
1.2...2.4 Nm	
18 / 6.5 x 1.2 mm	

The torque is 4.5Nm for 16-50 mm<sup>2</sup> and AWG 6-2/7 stranded wires. Use TS 35x15 (1.5 mm thick) for 25mm<sup>2</sup> wires and TS 35x15(2.3mm thick) for 35mm<sup>2</sup>/50mm<sup>2</sup>.

Type	Qty	Order No.
WPE 35N	20	<b>1717740000</b>

Type	Width	Qty	Order No.
WEW 35/2	8 mm	100	<b>1061200000</b>
SD 1.2x6.5x150		1	<b>9009010000</b>
WQV 16N-PEN BL		10	<b>1071360000</b>

DEK 5/5 / WS 12/6,5

Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

**WPE 50N**

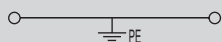
50 mm<sup>2</sup>

Compact design



18.5 x 71 x 70

**70**  
10...70



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
50	AWG 10...1	AWG 10...1	50
1000			
8			
	6000 A (50 mm <sup>2</sup> )		
	3		
	B10 / V-0		

Rated connection	Further connection
10...16 / 10...70	
10...50 / 10...50	
4.0...6.0 Nm (M 6)	
3.0...4.0 Nm	
24 / S4 (DIN 6911)	

For 50 - 70 mm<sup>2</sup>, the TS 35x15 (copper, 2.3mm thick) rail should be used.

Type	Qty	Order No.
WPE 50N	10	1846040000

UL, CSA and ATEX approvals in preparation.

Type	Width	Qty	Order No.
WEW 35/1	12 mm	50	1059000000

**WPE 70N/35**

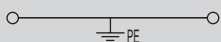
70 mm<sup>2</sup>

Compact design



20.5 x 75 x 86

**95**  
10...95



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
70	AWG 6...2/0	AWG 6...2/0	70
1000			
8			
	8400 A (70 mm <sup>2</sup> )		
	3		
	B11 / V-0		

Rated connection	Further connection
10...16 / 10...95	
10...70 / 10...70	
8.0...10.0 Nm (M 8)	
2.0...4.0 Nm	
22 / S6 (DIN 6911)	

For 50 - 95 mm<sup>2</sup>, the TS 35x15 (copper, 2.3mm thick) rail should be used.

Type	Qty	Order No.
WPE 70N/35	10	9512200000

Type	Width	Qty	Order No.
WEW 35/1	12 mm	50	1059000000
WQV 70N-PEN		5	9525840000

DEK 5/5 / WS 12/6,5  
Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

**WPE 95N/120N**

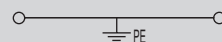
95 mm<sup>2</sup>

Compact design



27 x 91 x 90

**150**  
16...150



IEC 60947-7-2 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
95	AWG 4...3/0	AWG 4...4/0	95
1000			
8			
	11400 A (95 mm <sup>2</sup> )		
	3		
	B13 / V-0		

Rated connection	Further connection
16...16 / 16...150	
16...120 / 16...95	
12...20 Nm (M 10)	
2.0...4.0 Nm	
27 / S6 (DIN 6911)	

For 50 - 150 mm<sup>2</sup>, the TS 35x15 (copper, 2.3mm thick) rail should be used.

Type	Qty	Order No.
WPE 95N/120N	5	1846030000

UL, CSA and ATEX approvals in preparation.

Type	Width	Qty	Order No.
WEW 35/1	12 mm	50	1059000000

DEK 5/5 / WS 12/6,5  
Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)



## Modular PE terminals

Large conductor cross-sections do not require a great force to insert them into the clamping point, but instead can be easily and quickly placed in the modular terminal.

Every type of terminal is available in both single and block forms. All blocks are screwed permanently together and therefore provide additional torsional rigidity.

Direct mounting is possible thanks to the elongated holes on the underside of the terminal.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. cond. cross-section	mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Tightening torque range (fixing screw)	
Stripping length / Blade size	mm/-

#### Note

### Ordering data

Version	
	green/yellow Wemid
Note	

### Accessories

End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
PEN bridge	

**Marking systems** (see assortment in catalogue 7)

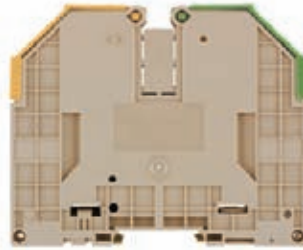
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## WPE 70/95

95 mm<sup>2</sup>

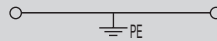
Conductor can be inserted from above / leaf spring



27 x 132 x 108

120

13.3...120



IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
95	AWG 6...2/0	AWG 6...2/0	95
1000			
8			
	11400 A (95 mm <sup>2</sup> )		
	3		
	B12 / V-0		



Rated connection	Further connection
16...16 / 16...120	
16...95 / 16...95	
6.0...12 Nm (M 8)	
3.0...6.0 Nm	
30 / S6 (DIN 6911)	

For 50 - 120 mm<sup>2</sup>, the TS 35x15 (copper, 2.3mm thick) rail should be used.

Type	Qty	Order No.
WPE 70/95	10	1037300000

Type	Width	Qty	Order No.
WEW 35/1	12 mm	50	1059000000
WQV 70/95-PEN		5	1072300000

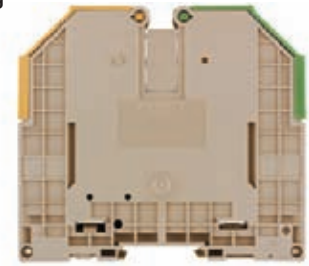
DEK 5/5 / WS 12/6,5

Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

## WPE 120/150

120 mm<sup>2</sup>

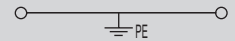
Conductor can be inserted from above / leaf spring



32 x 132 x 118

150

33.63...150



IEC 60947-7-2 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
120	AWG 2...karril 250	AWG 2...karril 250	120
1000			
8			
	14400 A (120 mm <sup>2</sup> )		
	3		
	B13 / V-0		



Rated connection	Further connection
/ 35...150	
35...150 / 35...95	
10...20 Nm (M 10)	
3.0...6.0 Nm	
35 / S6 (DIN 6911)	

For 50 - 150 mm<sup>2</sup>, the TS 35x15 (copper, 2.3mm thick) rail should be used.

Type	Qty	Order No.
WPE 120/150	10	1019700000

Type	Width	Qty	Order No.
WEW 35/1	12 mm	50	1059000000
WQV 120-PEN		5	1072400000

DEK 5/5 / WS 12/6,5

Rail support for insulated installation of terminal rail „SH 2“ order no. 0494920000 (10 pcs)

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Note	

**Ordering data**

Version	
	Dark beige Wemid
	Blue Wemid
	Without isolator, Dark beige Wemid
Note	

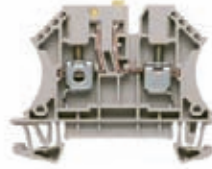
**Accessories**

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Holder for cartridge fuse, 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max, 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	yellow Wemid
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

**WTR 2.5**

2.5 mm<sup>2</sup>

with clamping screw



5.1 x 60 x 49	
<b>24 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1		
IEC	UL	CSA
500	600	300
24	20	10
2.5	AWG 30...12	AWG 26...12
6 / 3		
A3 / V-0		
UL		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.8 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	Qty	Order No.
WTR 2.5	100	1855610000
WTR 2.5 BL	100	8731640000
WTR 2.5/O.TNHE	100	8731700000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WEW 35/2			
WEW 35/2	8 mm	100	1061200000
SD 0.6x3.5x100			
SD 0.6x3.5x100		1	9008330000
SIHA 3/G20			
SIHA 3/G20	6 mm	25	7921560000
SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
SIHA 3/G20/LD 140-250V	6 mm	25	7921600000
BEST			
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST			
TNST		50	1833090000
DEK 5/5 / WS 12/5			
DEK 5/5 / WS 12/5			

**WTR 2.5 StB**

2.5 mm<sup>2</sup>

With sockets



5.1 x 60 x 49	
<b>24 / 4</b>	
<b>0.05...4</b>	

IEC 60947-7-1		
IEC	UL	CSA
500	300	300
24	20	10
2.5	AWG 30...12	AWG 26...12
6 / 3		
A3 / V-0		
UL		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...0.7 Nm (M 3)		
10 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	Qty	Order No.
WTR 2.5 STB2.3	100	1855620000
WTR 2.5 STB2.3 BL	100	8731660000
WTR 2.5/O.TNHE STB2.3	100	8731670000

Type	current	Qty	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/3 GE	24 A	60	1693810000
ZQV 2.5N/4 GE	24 A	60	1693820000
ZQV 2.5N/10 GE	24 A	20	1693880000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WEW 35/2			
WEW 35/2	8 mm	100	1061200000
SD 0.6x3.5x100			
SD 0.6x3.5x100		1	9008330000
PS 2.3 RT			
PS 2.3 RT	5.4 mm	20	0180400000
SIHA 3/G20			
SIHA 3/G20	6 mm	25	7921560000
SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
SIHA 3/G20/LD 140-250V	6 mm	25	7921600000
BEST			
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
TNST			
TNST		50	1833090000
DEK 5/5 / WS 12/5			
DEK 5/5 / WS 12/5			

## Test-disconnect terminals

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
	Without isolator, Dark beige Wemid
Note	

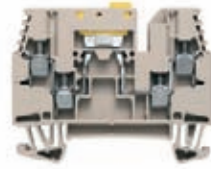
### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Holder for cartridge fuse, 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max, 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	yellow Wemid
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## WTR 2.5/ZZ

2.5 mm<sup>2</sup>

### Twin connection



5.1 x 60 x 49	
14 / 4	
0.13...4	

IEC 60947-7-1		
IEC	UL	CSA
400	300	300
14	10	10
2.5	AWG 26...12	AWG 26...12
6 / 3		
A3 / V-0		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.5...0.6 Nm (M 3)		
7 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
Note		

Type	Qty	Order No.
WTR 2.5/ZZ	100	1039900000
WTR 2.5/ZZ BL	100	1039980000
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	current	Qty	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
Width			
WAP WTR2.5/ZZ	1.5 mm	20	1074600000
Width			
WEW 35/2	8 mm	100	1061200000
SD 0.6x3.5x100		1	9008330000
PS 2.3 RT	5.4 mm	20	0180400000
SIHA 1/G20	6 mm	25	9537550000
SIHA 1/G20 10-36V	6 mm	25	9537560000
SIHA 1/G20 140-250V	6 mm	25	9537590000
DEK 5/5 / WS 12/5			

## WDTR 2.5

2.5 mm<sup>2</sup>

### Double disconnect terminal



6.2 x 94 x 69	
14 / 4	
0.05...4	

IEC 60947-7-1		
IEC	UL	CSA
400	300	300
10	10	10
2.5	AWG 30...12	AWG 26...12
4 / 3		
A3 / V-0		
Rated connection		
0.5...4 / 1.5...4		
0.5...2.5 / 0.5...2.5		
0.5...0.6 Nm (M 3)		
8 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
Note		

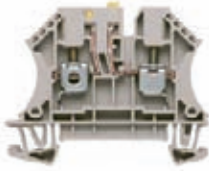
Type	Qty	Order No.
WDTR 2.5	25	9528070000
WDTR 2.5 BL	25	9528080000

Type	Qty	Order No.	
Width			
WEW 35/2	8 mm	100	1061200000
SD 0.6x3.5x100		1	9008330000
DEK 5/6 / WS 8/5			
External cross-connection is possible with the VQB 1.5/50. Refer to „Accessories“ Chapter.			

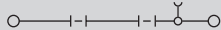
**WTR 4**

4 mm<sup>2</sup>

with clamping screw



6.1 x 60 x 48.6  
**32 / 6**  
**0.22...6**



IEC 60947-7-1

IEC	UL	CSA
400	600	300
32	22	10
4	AWG 22...10	AWG 22...10
6 / 3		
A4 / V-0		



**Rated connection**

0.5...6 / 1.5...4  
 0.5...4 / 0.5...4  
 0.5...0.6 Nm (M 3)  
 13 / 0.6 x 3.5 mm  
 0.5...1.5  
 0.5...1.5 / 0.5...1.5

Type	Qty	Order No.
WTR 4	50	<b>7910180000</b>
WTR 4 BL	50	<b>7910190000</b>

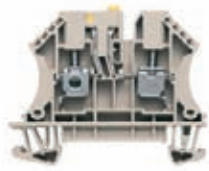
Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A	60	<b>1758250000</b>
ZQV 4N/3 GE	32 A	60	<b>1762630000</b>
ZQV 4N/4 GE	32 A	60	<b>1762620000</b>
ZQV 4N/10 GE	32 A	20	<b>1758260000</b>
<b>Width</b>			
WAP 2.5-10	1.5 mm	50	<b>1050000000</b>
WAP 16+35 WTW 2.5-10	1.5 mm	20	<b>1050100000</b>
<b>Width</b>			
WEW 35/2	8 mm	100	<b>1061200000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
<b>Width</b>			
SIHA 3/G20	6 mm	25	<b>7921560000</b>
SIHA 3/G20/LD 10-36V	6 mm	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	6 mm	25	<b>7921600000</b>
<b>Width</b>			
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>
<b>Width</b>			
TNST		50	<b>1833090000</b>

DEK 5 / WS 12/5

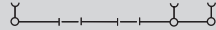
**WTR 4 StB**

4 mm<sup>2</sup>

With socket



6.1 x 60 x 48.6  
**32 / 6**  
**0.22...6**



IEC 60947-7-1

IEC	UL	CSA
400	600	300
32	22	10
4	AWG 22...10	AWG 22...10
6 / 3		
A4 / V-0		



**Rated connection**

0.5...6 / 1.5...6  
 0.5...4 / 0.5...4  
 0.5...0.6 Nm (M 3)  
 13 / 0.6 x 3.5 mm  
 0.5...1.5  
 0.5...1.5 / 0.5...1.5

Type	Qty	Order No.
WTR 4 STB	50	<b>7910210000</b>
WTR 4 STB BL	50	<b>7910220000</b>

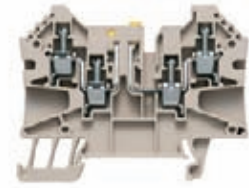
Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A	60	<b>1758250000</b>
ZQV 4N/3 GE	32 A	60	<b>1762630000</b>
ZQV 4N/4 GE	32 A	60	<b>1762620000</b>
ZQV 4N/10 GE	32 A	20	<b>1758260000</b>
<b>Width</b>			
WAP 2.5-10	1.5 mm	50	<b>1050000000</b>
WAP 16+35 WTW 2.5-10	1.5 mm	20	<b>1050100000</b>
<b>Width</b>			
WEW 35/2	8 mm	100	<b>1061200000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
<b>Width</b>			
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
<b>Width</b>			
SIHA 3/G20	6 mm	25	<b>7921560000</b>
SIHA 3/G20/LD 10-36V	6 mm	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	6 mm	25	<b>7921600000</b>
<b>Width</b>			
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>
<b>Width</b>			
TNST		50	<b>1833090000</b>

DEK 5 / WS 12/5

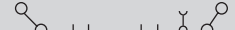
**WTR 4/ZZ**

4 mm<sup>2</sup>

Twin connection with clamping screw



6.1 x 70 x 53.5  
**27 / 6**  
**0.13...6**



IEC 60947-7-1

IEC	UL	CSA
500	600	600
27	25	25
4	AWG 30...10	AWG 30...10
6 / 3		
A4 / V-0		



**Rated connection**

0.5...6 / 0.5...6  
 0.5...4 / 0.5...4  
 0.5...0.6 Nm (M 3)  
 10 / 0.6 x 3.5 mm  
 0.5...1.5  
 0.5...1.5 / 0.5...1.5

Type	Qty	Order No.
WTR 4/ZZ	50	<b>1905090000</b>

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A	60	<b>1758250000</b>
ZQV 4N/3 GE	32 A	60	<b>1762630000</b>
ZQV 4N/4 GE	32 A	60	<b>1762620000</b>
ZQV 4N/10 GE	32 A	20	<b>1758260000</b>
<b>Width</b>			
WAP WDU/WTR4/ZZ	1.5 mm	50	<b>1905150000</b>
<b>Width</b>			
WEW 35/2	8 mm	100	<b>1061200000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
<b>Width</b>			
SIHA 3/G20	6 mm	25	<b>7921560000</b>
SIHA 3/G20/LD 10-36V	6 mm	25	<b>7921570000</b>
SIHA 3/G20/LD 140-250V	6 mm	25	<b>7921600000</b>
<b>Width</b>			
BEST	5.1 mm	50	<b>1833100000</b>
BEST/DRBR	5.1 mm	50	<b>1878570000</b>
BEST/D	5.1 mm	50	<b>1878560000</b>
<b>Width</b>			
TNST		50	<b>1833090000</b>

DEK 5 / WS 12/5

## Test-disconnect terminals

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
	Without isolator, Dark beige Wemid
Note	

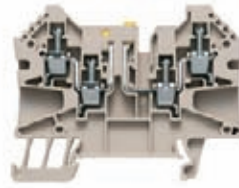
### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Holder for cartridge fuse, 5 x 20mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max, 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	yellow Wemid
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## WTR 4/ZZ StB

4 mm<sup>2</sup>

### Twin connection with socket



6.1 x 70 x 53.5	
27 / 6	
0.13...6	

IEC 60947-7-1		
IEC	UL	CSA
500	600	600
27	25	25
4	AWG 30...10	AWG 30...10
6 / 3		
A4 / V-0		
UL		
Rated connection		
0.5...6 / 0.5...6		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
10 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
Note		

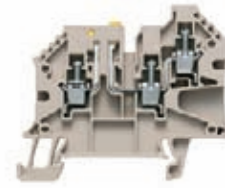
Type	Qty	Order No.
WTR 4/ZZ STB	50	1905100000
Note		

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
Width			
WAP WDU/WTR4/ZZ	1.5 mm	50	1905150000
Note			
WEW 35/2	8 mm	100	1061200000
SD 0.6x3.5x100		1	9008330000
PS 2.3 RT	5.4 mm	20	0180400000
Note			
SIHA 3/G20	6 mm	25	7921560000
SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
SIHA 3/G20/LD 140-250V	6 mm	25	7921600000
Note			
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
Note			
TNST		50	1833090000
Note			
DEK 5/5 / WS 12/5			
Note			

## WTR 4/ZR

4 mm<sup>2</sup>

### Supplementary connection, right, with clamping screw



6.1 x 63.5 x 53.5	
27 / 6	
0.13...6	

IEC 60947-7-1		
IEC	UL	CSA
500	600	600
27	25	25
4	AWG 30...10	AWG 30...10
6 / 3		
A4 / V-0		
UL		
Rated connection		
0.5...6 / 0.5...6		
0.5...4		
0.5...0.8 Nm (M 3)		
10 / 0.6 x 3.5 mm		
0.5...1.5 / 0.5...1.5		
0.5...1.5 / 0.5...1.5		
Note		

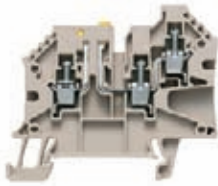
Type	Qty	Order No.
WTR 4/ZR	50	1905080000
Note		

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
Width			
WAP WDU/WTR4/ZR	1.5 mm	50	1905070000
Note			
WEW 35/2	8 mm	100	1061200000
SD 0.6x3.5x100		1	9008330000
Note			
SIHA 3/G20	6 mm	25	7921560000
SIHA 3/G20/LD 10-36V	6 mm	25	7921570000
SIHA 3/G20/LD 140-250V	6 mm	25	7921600000
Note			
BEST	5.1 mm	50	1833100000
BEST/DRBR	5.1 mm	50	1878570000
BEST/D	5.1 mm	50	1878560000
Note			
TNST		50	1833090000
Note			
DEK 5/5 / WS 12/5			
Note			

**WTR 4/ZR StB**

**4 mm<sup>2</sup>**

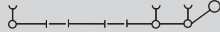
Supplementary connection, right, with socket



6.1 x 63.5 x 53.5

**27 / 6**

**0.13...6**



IEC 60947-7-1

IEC	UL	CSA
500	600	600
27	25	25
4	AWG 30...10	AWG 30...10
	6 / 3	
	A4 / V-0	



**Rated connection**

0.5...6 / 0.5...6

0.5...4 / 0.5...4

0.5...0.8 Nm (M 3)

10 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

Type	Qty	Order No.
WTR 4/ZR STB	50	<b>1905110000</b>

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A	60	<b>1758250000</b>
ZQV 4N/3 GE	32 A	60	<b>1762630000</b>
ZQV 4N/4 GE	32 A	60	<b>1762620000</b>
ZQV 4N/10 GE	32 A	20	<b>1758260000</b>
<b>Width</b>			
WAP WDU/WTR4/ZR	1.5 mm	50	<b>1905070000</b>

WEW 35/2 8 mm 100 **1061200000**

SD 0.6x3.5x100 1 **9008330000**

PS 2.3 RT 5.4 mm 20 **0180400000**

SIHA 3/G20 6 mm 25 **7921560000**

SIHA 3/G20/LD 10-36V 6 mm 25 **7921570000**

SIHA 3/G20/LD 140-250V 6 mm 25 **7921600000**

BEST 5.1 mm 50 **1833100000**

BEST/DRBR 5.1 mm 50 **1878570000**

BEST/D 5.1 mm 50 **1878560000**

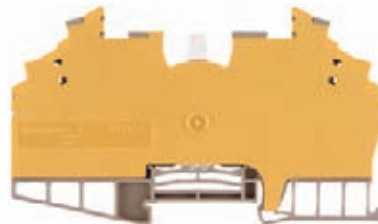
TNST 50 **1833090000**

DEK 5/5 / WS 12/5

**WDT 1.5/1**

**1.5 mm<sup>2</sup>**

Disconnection lower level



6.4 x 112 x 66.7

**10 / 2.5**

**0.13...2.5**



IEC 60947-7-1

IEC	UL	CSA
250	300	300
10	10	10
1.5	AWG 22...14	AWG 26...14
	4 / 3	
	A2 / V-0	



**Rated connection**

0.5...2.5 / 1.5...2.5

0.5...1.5 / 0.5...1.5

0.4...0.6 Nm (M 2.5)

10 / 0.6 x 3.5 mm

Type	Qty	Order No.
WDT 1.5/1 DB/GE	25	<b>1015800000</b>

Type Qty Order No.

WEW 35/2 8 mm 100 **1061200000**

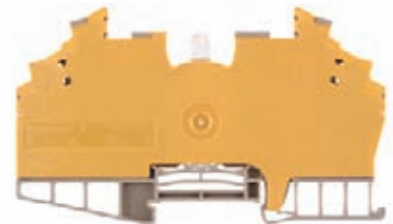
SD 0.6x3.5x100 1 **9008330000**

DEK 5/6,5 / WS 8/5

**WDT 1.5/2**

**1.5 mm<sup>2</sup>**

Disconnection both levels



6.4 x 112 x 66.7

**10 / 2.5**

**0.13...2.5**



IEC 60947-7-1

IEC	UL	CSA
250	300	300
10	10	10
1.5	AWG 22...14	AWG 26...14
	4 / 3	
	A2 / V-0	



**Rated connection**

0.5...2.5 / 1.5...2.5

0.5...1.5 / 0.5...1.5

0.4...0.6 Nm (M 2.5)

10 / 0.6 x 3.5 mm

Type	Qty	Order No.
WDT 1.5/2 DB/GE	25	<b>1015900000</b>

Type Qty Order No.

WEW 35/2 8 mm 100 **1061200000**

SD 0.6x3.5x100 1 **9008330000**

DEK 5/6,5 / WS 8/5





WTR 2.5/SI

2.5 mm<sup>2</sup>

WTR 4/SI

4 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



5.1 x 60 x 80.5	
<b>6.3 / 4</b>	
<b>0.05...4</b>	



6.1 x 60 x 80.5	
<b>6.3 / 6</b>	
<b>0.22...6</b>	

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Note	

IEC 60947-7-3		
IEC	UL	CSA
400	300	300
6.3	6.3	6.3
2.5	AWG 30...12	AWG 26...12
6 / 3		
A3 / V-0		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.8 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

IEC 60947-7-3		
IEC	UL	CSA
400	300	300
6.3	6.3	6.3
4	AWG 22...10	AWG 22...10
6 / 3		
A4 / V-0		
Rated connection		
0.5...6 / 1.5...6		
0.5...4 / 0.5...4		
0.5...1.0 Nm (M 3)		
13 / 0.6 x 3.5 mm		
0.5...2.5		
0.5...1.5 / 0.5...1.5		
The rated current of the terminal is determined by the max. power loss of 1.6 W at the cartridge fuse.		

Ordering data

Version	
400 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
140-250 V AC/DC, with LED	
Note	

Type	Qty	Order No.
WTR 2.5/SI	25	1763940000
WTR 2.5/SI LD 36V	25	1763950000
WTR 2.5/SI LD 70V	25	1763960000
WTR 2.5/SI LD 150V	25	1763970000
WTR 2.5/SI LD 250V	25	1763980000
UL/CSA specified for 400 V cartridge fuse; otherwise the specified voltage range also applies for UL/CSA.		

Type	Qty	Order No.
WTR 4 SI	25	7910240000
WTR 4/SI LD 36V	25	7914370000
WTR 4/SI LD 70V	25	7914380000
WTR 4/SI LD 150V	25	7914390000
WTR 4/SI LD 250V	25	7914400000
UL/CSA specified for 400 V cartridge fuse; otherwise the specified voltage range also applies for UL/CSA.		

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
Dark beige Wemid	
Dark beige Wemid	
Screwdriver	
Standard	
G-fuse cartridge, 5 x 20mm (IEC 60127-2)	
0,25 A fast	
0,50 A fast	
1,00 A fast	
2,00 A fast	

Type	Qty	Order No.
Width		
WAP 2.5-10	1.5 mm	50 1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20 1050100000
SD 0.6x3.5x100	1	9008330000
G 20/0.25A/F	10	0430500000
G 20/0.50A/F	10	0430600000
G 20/1.00A/F	10	0430700000
G 20/2.00A/F	10	0430900000

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
SD 0.6x3.5x100		1	9008330000
G 20/0.25A/F		10	0430500000
G 20/0.50A/F		10	0430600000
G 20/1.00A/F		10	0430700000
G 20/2.00A/F		10	0430900000

Marking systems	(see assortment in catalogue 7)
Marking tags	
For detailed information on other accessories and applications, refer to the „Accessories“ section	

DEK 5/5 / WS 12/5	
Cross-connection options for WTR 2.5, refer to the „W-Series Accessories“ section	

DEK 5/6 / WS 12/6	
-------------------	--



## Fuse terminals

### Roof-style

WTR 35 E

6 mm<sup>2</sup>

### Operation mode



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x15	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

32 x 100 x 68
<b>100 / 35</b>
<b>35</b>

### Technical data

Rated data	
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated voltage / Pollution severity	V/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

IEC	UL	CSA
100		
35		
24	6 / 3	
		B9 / V-0

Clamped conductors	
„e“ solid H07V-U	mm <sup>2</sup>
„m“ stranded H07V-R	mm <sup>2</sup>
„f“ flexible H07V-K	mm <sup>2</sup>
„f“ flexible H07V-K mit AEH	mm <sup>2</sup>
Tightening torque range clamping screw	Nm
Tightening torque slider screw	Nm
Stripping length/Clamping screw/Blade size	mm/-

Rated connection	
4...16	
10...35	
4...35	
4...35	
4	
1.2	
18 / M6 / 6.5 x 1.2	

**Note**

### Ordering data

Version
Dark beige Wemid, 230 V UC

Type	Qty	Order No.
WTR 35 E	5	1045970000

**Note**

### Accessories

End bracket
Dark beige Wemid

Screwdriver
slot-head screwdriver

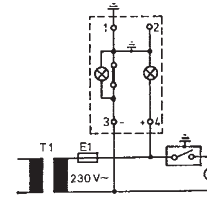
Type	Width	Qty	Order No.
WEW 35/1	12 mm	50	1059000000
SD 1.2 x 6.5 x 150		1	9009010000

**Marking Systems** (see assortment in catalogue 7)  
Marking tags

WS 12/6

For detailed information on other accessories and applications, refer to the „Accessories“ section

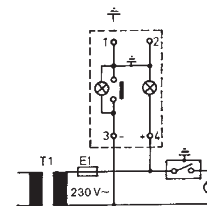
### Operating mode



- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

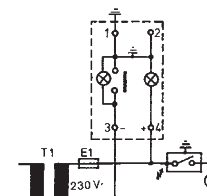
### Test position

When measuring insulation resistance with voltages greater than UNom, the earth connection must first be disconnected.



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than UNom, the earth connection must be disconnected.

### Operational malfunction



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red



## Fuse terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	V/-
Gauge to IEC 60947-1 / UL94 Flammability class	Approvals
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Note	

### Ordering data

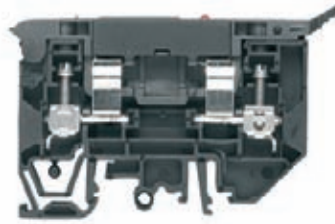
Version	
400 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
140-250 V AC/DC, with LED	
Note	


### Accessories

Screwable cross-connection	
	2-pole 3-pole 4-pole 10-pole
End plate / partition	
	Dark beige Wemid Dark beige Wemid
Screwdriver	
	with „swifty set“ cutting device Standard
G-fuse cartridge, 5 x 20mm (IEC 60127-2)	
	0,25 A fast 0,50 A fast 1,00 A fast 2,00 A fast
G25 with indicator / imperial (inch) fuse	
	0,50 A medium slow / 2 A 1,00 A medium slow / 3 A 2,00 A fast / 5 A 4,00 A fast / 10 A
Marking systems	
	(see assortment in catalogue 7) Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## WSI 4/2

4 mm<sup>2</sup>



9.1 x 81.6 x 54	
15 / 4	
0.5...4	

IEC 60947-7-3		
IEC	UL	CSA
500	300	300
15	15	15
4	AWG 22...10	AWG 22...10
6 /		
A3 / V-0		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
10 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
width x length x height with TS 32 = 9.1 x 81.6 x 58.5 mm		

Type	Qty	Order No.
WSI 4/2	25	1880430000
WSI 4/2/LD 10-36V AC/DC	25	1880410000
WSI 4/2/LD 30-70V AC/DC	25	1880440000
WSI 4/2/LD 60-150V AC/DC	25	1880420000
WSI 4/2/LD 140-250V AC/DC	25	1880390000

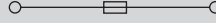
Type	Qty	Order No.
Width		
WAP WSI4/2	50	1880450000
SWIFTY SET		
SD 0.6x3.5x100	1	9006060000
	1	9008330000
G 20/0.25A/F		
	10	0430500000
	10	0430600000
	10	0430700000
	10	0430900000
GZ 2.0A		
	10	0294500000
GZ 3.0A		
	10	0295700000
GZ 5.0A		
	10	0294600000
GZ 10.0A		
	10	0293900000

DEK 5/5 / WS 12/6  
Dummy cartridge fuse order No. 1582770000

## WSI 4

4 mm<sup>2</sup>



8 x 50.7 x 39.4	
15 / 4	
0.5...4	

IEC 60947-7-3		
IEC	UL	CSA
500	300	300
12	15	15
4	AWG 22...12	AWG 22...12
6 / 3		
A3 / V-0		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
8 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		

Type	Qty	Order No.
WSI 4	50	1886580000
WSI 4/LD 10-36V AC/DC	50	1886590000
WSI 4/LD 30-70V AC/DC	50	1886560000
WSI 4/LD 60-150V AC/DC	50	1886570000
WSI 4/LD 140-250V AC/DC	50	1886550000

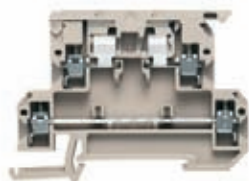
Type	Qty	Order No.
SWIFTY SET		
SD 0.6x3.5x100	1	9006060000
	1	9008330000
G 20/0.25A/F		
	10	0430500000
G 20/0.50A/F		
	10	0430600000
G 20/1.00A/F		
	10	0430700000
G 20/2.00A/F		
	10	0430900000

DEK 5/5 / WS 12/6

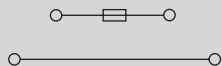
**KDKS 1/35 DB**

4 mm<sup>2</sup>

Metric fuses 5 x 20 mm



8 x 73.5 x 55.6  
**6.3 / 4**  
**0.22...4**



IEC 60947-7-3

IEC	UL	CSA
500	300	
6.3	10	
4	AWG 22...12	
	6 / 3	
	A3 / V-0	



**Rated connection**

0.5...4 / 1.5...4  
 0.5...4 / 0.5...4  
 0.5...0.8 Nm (M 3)  
 8 / 0.6 x 3.5 mm

0.5...1.5  
 0.5...1.5 / 0.5...1.5

Note: max. conductor size = 2.5 mm<sup>2</sup> when using the cross-connection.

Type	Qty	Order No.
KDKS 1/35 DB	50	<b>9532440000</b>

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

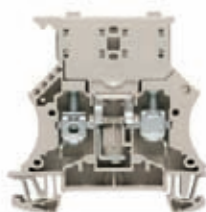
Type	Qty	Order No.
<b>Width</b>		
AP KDKS1 1.5 DB	1.5 mm	20 <b>9532470000</b>
<b>Width</b>		
G 20/0.25A/F	10	<b>0430500000</b>
G 20/0.50A/F	10	<b>0430600000</b>
G 20/1.00A/F	10	<b>0430700000</b>
G 20/2.00A/F	10	<b>0430900000</b>

DEK 5/8

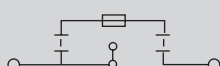
**WSI 6**

6 mm<sup>2</sup>

Metric fuses



7.9 x 60 x 62  
**6.3 / 10**  
**0.5...10**



IEC 60947-7-3

IEC	UL	CSA
500	600	300
6.3	10	10
6	AWG 20...8	AWG 20...8
	6 / 3	
	A5 / V-0	



**Rated connection**

0.5...10 / 1.5...10  
 0.5...10 / 0.5...6  
 0.8...1.6 Nm (M 3.5)  
 12 / 4.0 x 0.8 mm

0.5...2.5  
 0.5...2.5 / 0.5...2.5

Cartridge fuses or contact sleeves have to be inserted centrally. Version with contact sleeve, order No. 1028200000 (50 pcs/11 A).

Type	Qty	Order No.
WSI 6	50	<b>1011000000</b>

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Type	current	Qty	Order No.
QL 2 SAK6N	57 A	50	<b>0194300000</b>
QL 3 SAK6N	57 A	50	<b>0194400000</b>
QL 4 SAK6N	57 A	50	<b>0194500000</b>
QL 10 SAK6N	57 A	20	<b>0338300000</b>
<b>Width</b>			
WAP 2.5-10	1.5 mm	50	<b>1050000000</b>
WAP 16+35 WTW 2.5-10	1.5 mm	20	<b>1050100000</b>
<b>Width</b>			
SD 0.8x4.0x100		1	<b>9008340000</b>
G 20/0.25A/F	10	<b>0430500000</b>	
G 20/0.50A/F	10	<b>0430600000</b>	
G 20/1.00A/F	10	<b>0430700000</b>	
G 20/2.00A/F	10	<b>0430900000</b>	
<b>Width</b>			
G 25/0.50A/M WS	10	<b>0510300000</b>	
G 25/1.00A/M RT	10	<b>0265800000</b>	
G 25/2.00A/F BL	10	<b>0192700000</b>	
G 25/4.00A/F BR	10	<b>0192800000</b>	

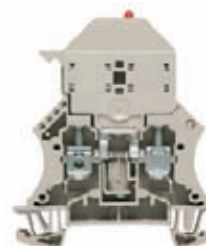
DEK 5/8 / WS 12/6,5

Screw M3 x 5 order No. 1052100000 for QL 2 - QL 10.

**WSI 6 LD**

6 mm<sup>2</sup>

Metric fuses / bipolar LED



7.9 x 60 x 72  
**6.3 / 10**  
**0.5...10**



IEC 60947-7-3

IEC	UL	CSA
500	300	300
6.3	6.3	6.3
6	AWG 20...8	AWG 20...8
	6 / 3	
	A5 / V-0	



**Rated connection**

0.5...10 / 1.5...10  
 0.5...10 / 0.5...6  
 0.8...1.6 Nm (M 3.5)  
 12 / 4.0 x 0.8 mm

0.5...2.5  
 0.5...2.5 / 0.5...2.5

Cartridge fuses or contact sleeves have to be inserted centrally. A defective fuse causes a residual current to flow via the LED!

Type	Qty	Order No.
WSI 6/LD 10-36V DC/AC	50	<b>1011300000</b>
WSI 6/LD 30-70V DC/AC	50	<b>1012200000</b>
WSI 6/LD 60-150V DC/AC	50	<b>1012300000</b>
WSI 6/LD 250AC	50	<b>1012400000</b>

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Type	current	Qty	Order No.
QL 2 SAK6N	32 A	50	<b>0194300000</b>
QL 3 SAK6N	57 A	50	<b>0194400000</b>
QL 4 SAK6N	57 A	50	<b>0194500000</b>
QL 10 SAK6N	32 A	20	<b>0338300000</b>
<b>Width</b>			
WAP 2.5-10	1.5 mm	50	<b>1050000000</b>
WAP 16+35 WTW 2.5-10	1.5 mm	20	<b>1050100000</b>
<b>Width</b>			
SD 0.8x4.0x100		1	<b>9008340000</b>
G 20/0.25A/F	10	<b>0430500000</b>	
G 20/0.50A/F	10	<b>0430600000</b>	
G 20/1.00A/F	10	<b>0430700000</b>	
G 20/2.00A/F	10	<b>0430900000</b>	
<b>Width</b>			
G 25/0.50A/M WS	10	<b>0510300000</b>	
G 25/1.00A/M RT	10	<b>0265800000</b>	
G 25/2.00A/F BL	10	<b>0192700000</b>	
G 25/4.00A/F BR	10	<b>0192800000</b>	

DEK 5/8 / WS 12/6,5

Screw M3 x 5 order No. 1052100000 for QL 2 - QL 10.

## Fuse terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

#### Clamped conductors (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>

#### Note

### Ordering data

Version	
	400 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED

#### Note

### Accessories

#### Screwable cross-connection

2-pole	
3-pole	
4-pole	
10-pole	
Lock washer	
Mounting screw	

#### End plate / partition

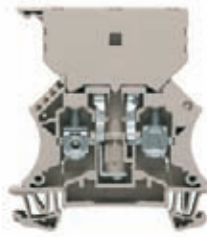
Dark beige Wemid
Dark beige Wemid

#### Fuse cartridges

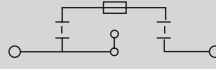
### WSI 6/2

6 mm<sup>2</sup>

#### Imperial fuses



11.9 x 60 x 67  
**6.3 / 10**  
**0.5...10**



IEC 60947-7-3

IEC	UL	CSA
500	600	600
6.3	20	16
6	AWG 20...8	AWG 20...8
6 / 3		
A5 / V-0		

IEC 60947-7-3

Rated connection	
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
0.8...1.6 Nm (M 3.5)	
12 / 4.0 x 0.8 mm	
0.5...2.5	
0.5...2.5 / 0.5...2.5	

Cartridge fuses or contact sleeves have to be inserted centrally.

Type	Qty	Order No.
WSI 6/2 GZ/DEF63	25	1014000000

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Type	current	Qty	Order No.
QL 2 SAK16	76 A	50	0470700000
QL 3 SAK16	76 A	50	0470800000
QL 4 SAK16	76 A	50	0470900000
QL 10 SAK16	76 A	20	0471000000
SS M3 D 128-A 3		50	0164400000
KISC M3X5		100	1052100000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
Width			
GZ 2.0A		10	0294500000
GZ 3.0A		10	0295700000
GZ 5.0A		10	0294600000
GZ 10.0A		10	0293900000

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

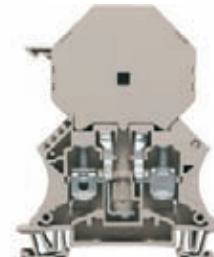
DEK 5/8 / WS 12/6,5

Cross-connection, see section „W-series accessories“

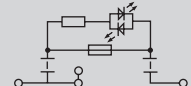
### WSI 6/2 m. LED

6 mm<sup>2</sup>

#### Imperial fuses / bipolar LED



11.9 x 60 x 79.5  
**6.3 / 10**  
**0.5...10**



IEC 60947-7-3

IEC	UL	CSA
500	220	220
6.3	6.3	6.3
6	AWG 20...8	AWG 20...8
6 / 3		
A5 / V-0		

IEC 60947-7-3

Rated connection	
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
0.8...1.6 Nm (M 3.5)	
12 / 4.0 x 0.8 mm	
0.5...2.5	
0.5...2.5 / 0.5...2.5	

Cartridge fuses or contact sleeves have to be inserted centrally.

Type	Qty	Order No.
WSI 6/2/LD 10-36V DC/AC	25	1014100000
WSI 6/2/LD 30-70V DC/AC	25	1014200000
WSI 6/2/LD 60-150VDC/AC	25	1014300000
WSI 6/2/LD 250AC	25	1014400000

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Type	current	Qty	Order No.
QL 2 SAK16	76 A	50	0470700000
QL 3 SAK16	76 A	50	0470800000
QL 4 SAK16	76 A	50	0470900000
QL 10 SAK16	76 A	20	0471000000
SS M3 D 128-A 3		50	0164400000
KISC M3X5		100	1052100000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
Width			
GZ 2.0A		10	0294500000
GZ 3.0A		10	0295700000
GZ 5.0A		10	0294600000
GZ 10.0A		10	0293900000

DEK 5/8 / WS 12/6,5

Cross-connection, see section „W-series accessories“

WSI 25 10x38

25 mm<sup>2</sup>



n

36 x 58 x 81  
**32 / 25**  
**1.5...25**

WSI 25 CC

25 mm<sup>2</sup>



n

54 x 58 x 81  
**32 / 25**  
**1.5...25**

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm <sup>2</sup>

Technical data

Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version

1-pole, without LED
2-pole, without LED
3-pole, without LED
1-pole, with LED

Note

IEC	UL	CSA
690	600	600
32	30	30
25	AWG 18...4	AWG 18...4
/ V-0		



Rated connection

1.5...25 / 1.5...25  
 2.0...4.0 Nm

IEC	UL	CSA
690	600	600
32	30	30
25	AWG 18...4	AWG 18...4
/ V-0		



Rated connection

1.5...25 / 1.5...25  
 2.0...4.0 Nm

Type	Qty	Order No.
WSI 25/1 10x38	12	1966020000
WSI 25/2 10x38	6	1966090000
WSI 25/3 10x38	4	1966080000
WSI 25/1 10x38/LED	12	1966060000

Type	Qty	Order No.
WSI 25/1 CC	12	1966050000
WSI 25/2 CC	6	1966040000
WSI 25/3 CC	4	1966030000
WSI 25/1 CC/LED	12	1966070000

Marking systems (see assortment in catalogue 7)

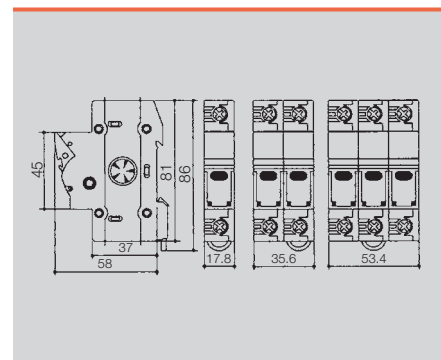
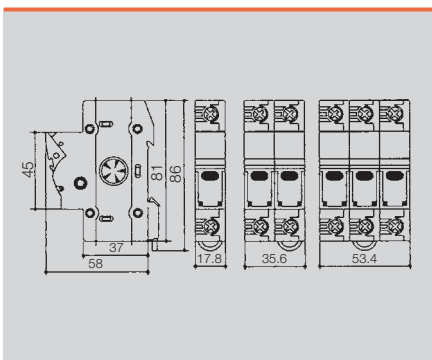
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

ESG 6/15

ESG 6/15

Technical drawing



## Fuse terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	Approvals
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	400 V AC/DC, without LED
Note	

### Accessories

Screwable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
Lock washer	
Mounting screw	
End plate / partition	
Dark beige Wemid	
Screw cover cap	
SK	
Fuse cartridges	
Gauge rings	

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## SAKS 2/35 DB

10 mm<sup>2</sup>

### D-fuses E16



27.6 x 80 x 75	
<b>10 / 16</b>	
<b>0.22...16</b>	

IEC 60947-7-3		
IEC	UL	CSA
500		600
10		25
10		AWG 22...8
		6 / 3
		B6 / 5VA
Rated connection		
0.5...16 / 0.5...10		
0.5...10 / 0.5...10		
1.2...2.4 Nm (M 4)		
12 / 1.0 x 5.5 mm		
Note		
Connections for stranded conductors from 10 mm <sup>2</sup> and AWG conductors require a tightening torque of 2 Nm.		

Type	Qty	Order No.
SAKS 2/35 DB	20	<b>1368700000</b>
Material thermosetting plastic KRG		

Type	current	Qty	Order No.																																								
QL 2 SAKS2	36 A	20	<b>0207800000</b>																																								
QL 3 SAKS2	36 A	20	<b>0207900000</b>																																								
QL 4 SAKS2	36 A	20	<b>0208000000</b>																																								
QL 10 SAKS2	36 A	20	<b>0338900000</b>																																								
SS M4 D 128-A 4		100	<b>0136400000</b>																																								
BFSC M4X9T		100	<b>0103300000</b>	Width				WTW EN	3 mm	20	<b>1058800000</b>	SK E16/SAKS2		25	<b>0284110000</b>	E 16/10A RT TNDZ		25	<b>0208500000</b>	E 16/16A GR TNDZ		25	<b>0208600000</b>	E 16/20A BL TNDZ		25	<b>0208700000</b>	E 16/25A GE TNDZ		25	<b>0208800000</b>	P 16/10 RT SAKS2		100	<b>0208900000</b>	P 16/16 GR SAKS2		100	<b>0209000000</b>	P 16/20 BL SAKS2		100	<b>0209100000</b>
Width																																											
WTW EN	3 mm	20	<b>1058800000</b>																																								
SK E16/SAKS2		25	<b>0284110000</b>																																								
E 16/10A RT TNDZ		25	<b>0208500000</b>																																								
E 16/16A GR TNDZ		25	<b>0208600000</b>																																								
E 16/20A BL TNDZ		25	<b>0208700000</b>																																								
E 16/25A GE TNDZ		25	<b>0208800000</b>																																								
P 16/10 RT SAKS2		100	<b>0208900000</b>																																								
P 16/16 GR SAKS2		100	<b>0209000000</b>																																								
P 16/20 BL SAKS2		100	<b>0209100000</b>																																								

Marking systems	DEK 5/5
	Spare screw cap, order No. 0284110000 (20 pcs)

## SAKS 4/35 DB

10 mm<sup>2</sup>

### D 01 fuses E14



24 x 75 x 66	
<b>16 / 16</b>	
<b>0.22...16</b>	

IEC 60947-7-3		
IEC	UL	CSA
400		600
16		30
10		AWG 22...8
		6 / 3
		B6 / 5VA
Rated connection		
0.5...16 / 0.5...10		
0.5...10 / 0.5...10		
1.2...2.4 Nm (M 4)		
14 / 1.0 x 5.5 mm		
Note		
400V also available with Neozed shipbuilding fuse. When connecting 10 mm <sup>2</sup> stranded and 7-wire AWG conductor, the tightening torque is 2 Nm		

Type	Qty	Order No.
SAKS 4/35 DB	20	<b>0501800000</b>
Material thermosetting plastic KRG		

Type	current	Qty	Order No.																																				
QL 2 SAKS4	36 A	20	<b>0328000000</b>																																				
QL 3 SAKS4	36 A	20	<b>0328100000</b>																																				
QL 4 SAKS4	36 A	20	<b>0328200000</b>																																				
QL 10 SAKS4	36 A	20	<b>0339000000</b>																																				
SS M4 D 128-A 4		100	<b>0136400000</b>																																				
BFSC M4X9T		100	<b>0103300000</b>	Width				WTW EN	3 mm	20	<b>1058800000</b>	SK E14 SAKS4		20	<b>0339410000</b>	E 14/2A RS		10	<b>0137400000</b>	E 14/4A BR		10	<b>0137500000</b>	E 14/6A GN		10	<b>0328300000</b>	E 14/10A RT		10	<b>0328400000</b>	P 14/2 D01 RS SAKS4		50	<b>0138000000</b>	P 14/4 D01 BR SAKS4		50	<b>0138100000</b>
Width																																							
WTW EN	3 mm	20	<b>1058800000</b>																																				
SK E14 SAKS4		20	<b>0339410000</b>																																				
E 14/2A RS		10	<b>0137400000</b>																																				
E 14/4A BR		10	<b>0137500000</b>																																				
E 14/6A GN		10	<b>0328300000</b>																																				
E 14/10A RT		10	<b>0328400000</b>																																				
P 14/2 D01 RS SAKS4		50	<b>0138000000</b>																																				
P 14/4 D01 BR SAKS4		50	<b>0138100000</b>																																				

Marking systems	DEK 5/5
	Spare screw cap, order No. 0339410000 (20 pcs)

**SAKS 5/35 DB**

**10 mm<sup>2</sup>**

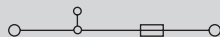
**D 02 fuse E18**



28 x 80 x 66

**63 / 16**

**1.5...16**



IEC 60947-7-3

IEC	UL	CSA
400	600	600
57	40	63
10	AWG 14...6	AWG 14...6
6 / 3		
B7 / 5VA		

UL, CSA, VDE, TÜV

**Rated connection**

1.5...16 / 1.5...16

1.5...16 / 1.5...16

1.2...2.4 Nm (M 4)

13 / 1.0 x 5.5 mm

400V also available with Neozed shipbuilding fuse. When connecting 10 mm<sup>2</sup> stranded and 7-wire AWG conductor, the tightening torque is 2 Nm

Type	Qty	Order No.
SAKS 5/35 DB	20	<b>0502100000</b>
Material thermosetting plastic KRG		

Type	current	Qty	Order No.
QL 2 SAKS2	36 A	20	<b>0207800000</b>
QL 3 SAKS2	36 A	20	<b>0207900000</b>
QL 4 SAKS2	36 A	20	<b>0208000000</b>
QL 10 SAKS2	36 A	20	<b>0338900000</b>
SS M4 D 128-A 4		100	<b>0136400000</b>
BFSC M4X9T		100	<b>0103300000</b>
<b>Width</b>			
WTW EN	3 mm	20	<b>1058800000</b>
SK E18 SAKS5		20	<b>0359310000</b>
E 18/20A BL		10	<b>0361300000</b>
E 18/25A GE		10	<b>0361400000</b>
E 18/35A SW		10	<b>0361500000</b>
P 18/20 D02 BL SAKS5		50	<b>0361800000</b>
P 18/25 D02 GE SAKS5		50	<b>0361900000</b>
P 18/35 D02 SW SAKS5		50	<b>0362000000</b>
P 18/50 D02 WS SAKS5		50	<b>0362100000</b>

DEK 5/5

Spare screw cap, order No. 0359310000 (20 pcs)



## Installation terminals

### Distribution terminal with WQV

N-busbars may not be used in certain applications (medical systems). Instead, installation terminals with a disconnecter in the centre of the terminal can be used.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
Note	

### Accessories

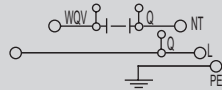
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / partition	
	Dark beige Wemid
Mounting plate for 10 x 3 (required every 20 cm)	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	with „swifty set“ cutting device
	Standard

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### WDL 2.5/NT/L/PE

2.5 mm<sup>2</sup>



6.1 x 90 x 49	
<b>32 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300	300
24	15	10
2.5	AWG 22...12	AWG 26...12
4 / 3		
A3 / A4 / V-0		

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
8 / 0.6 x 3.5 mm	
Note	
Further connection refers to clamping point at top left (A4) 2-conductor, 1.5 mm <sup>2</sup> , solid, with 0.6 Nm	

Type	Qty	Order No.
WDL 2.5/NT/L/PE	50	1029800000
PE connection marked green/yellow		

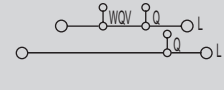
Type	current	Qty	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
Width			
WAP WDL2.5	1.5 mm	20	1067800000
WHP WDL2.5/S BL	1.5 mm	20	1067980000
Width			
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SDI 0,6x3,5x100		1	9008390000

Marking systems	(see assortment in catalogue 7)
	DEK 5/6 / WS 8/5
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### WDL 2.5/L/L

2.5 mm<sup>2</sup>



6.1 x 90 x 49	
<b>32 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1

IEC	UL	CSA
400	300	300
24	15	10
2.5	AWG 22...12	AWG 26...12
6 / 3		
A3 / A4 / V-0		

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
8 / 0.6 x 3.5 mm	
Note	
Further connection refers to clamping point at top left (A4) 2-conductor, 1.5 mm <sup>2</sup> , solid, with 0.6 Nm	

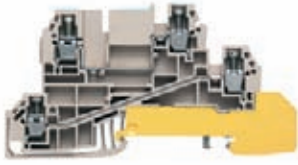
Type	Qty	Order No.
WDL 2.5/L/L	50	1030300000
WDL 2.5/N/L order no. 1030000000 (upper connection marked blue)		

Type	current	Qty	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
Width			
WAP WDL2.5	1.5 mm	20	1067800000
WHP WDL2.5/S BL	1.5 mm	20	1067980000
Width			
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SDI 0,6x3,5x100		1	9008390000

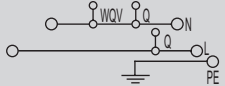
Marking systems	(see assortment in catalogue 7)
	DEK 5/6 / WS 8/5
For detailed information on other accessories and applications, refer to the „Accessories“ section	

WDL 2.5/N/L/PE

2.5 mm<sup>2</sup>



6.1 x 90 x 49  
32 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300	300
24	15	10
2.5	AWG 22...12	AWG 26...12
4 / 3		
A3 / A4 / V-0		



Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)  
2-conductor, 1.5 mm<sup>2</sup>, solid, with 0.6 Nm

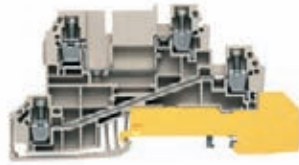
Type	Qty	Order No.
WDL 2.5/N/L/PE	50	1029900000
PE connection marked green/yellow		

Type	current	Qty	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
Width			
WAP WDL2.5	1.5 mm	20	1067800000
WHP WDL2.5/S BL	1.5 mm	20	1067980000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SDI 0,6x3,5x100		1	9008390000

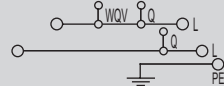
DEK 5/6 / WS 8/5

WDL 2.5/L/L/PE

2.5 mm<sup>2</sup>



6.1 x 90 x 49  
32 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300	300
24	15	10
2.5	AWG 22...12	AWG 26...12
4 / 3		
A3 / A4 / V-0		



Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)  
2-conductor, 1.5 mm<sup>2</sup>, solid, with 0.6 Nm

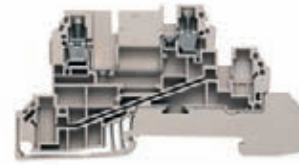
Type	Qty	Order No.
WDL 2.5/L/L/PE	50	1030200000
PE connection marked green/yellow		

Type	current	Qty	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
Width			
WAP WDL2.5	1.5 mm	20	1067800000
WHP WDL2.5/S BL	1.5 mm	20	1067980000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SDI 0,6x3,5x100		1	9008390000

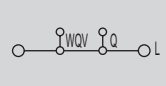
DEK 5/6 / WS 8/5

WDL 2.5/L

2.5 mm<sup>2</sup>



6.1 x 90 x 49  
32 / 4  
0.13...4



IEC 60947-7-1

IEC	UL	CSA
400	300	300
24	15	10
2.5	AWG 22...12	AWG 26...12
6 / 3		
A3 / A4 / V-0		



Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)  
2-conductor, 1.5 mm<sup>2</sup>, solid, with 0.6 Nm

Type	Qty	Order No.
WDL 2.5/L	50	1030400000
WDL 2.5/N order no. 1030100000 (upper connection marked blue)		

Type	current	Qty	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Q 20 WDL2.5S	24 A	20	1074200000
Width			
WAP WDL2.5	1.5 mm	20	1067800000
WHP WDL2.5/S BL	1.5 mm	20	1067980000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SDI 0,6x3,5x100		1	9008390000

DEK 5/6 / WS 8/5

## Installation terminals

### Distribution terminals with 10x3 bus-bar

Space-saving wiring of three-phase circuits using only two terminals.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>




### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	Approvals
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque (clamping screw)	
Stripping length / Blade size	mm/-
Note	

### Ordering data

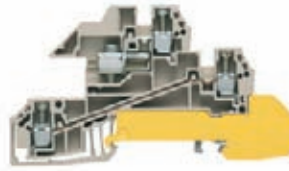
Version	
	Dark beige Wemid
Note	

### Accessories

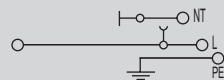
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
Mounting plate for 10 x 3 (required every 20 cm)	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	with „swiftly set“ cutting device
	Standard
Busbar 10 x 3 (140 A)	
	OK, Busbar up to OK, TS35 = 25,5 mm
Clamping yoke for power supply to 10 x 3 busbars	
	Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup>
	rigid / flexible 6 - 16 mm <sup>2</sup>
	Flexible 16 - 35 mm <sup>2</sup>
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### WDL 2.5/S/NT/L/PE

2.5 mm<sup>2</sup>



6.1 x 84.5 x 49  
32 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300	300
24	15	10
2.5	AWG 22...12	AWG 26...12
4 / 3		
A3 / V-0		



#### Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

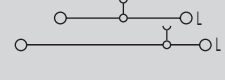
Rated voltage of L-PE and L-NT: 250 V  
Tightening torque of isolator: 0.4..0.6 Nm

### WDL 2.5/S/L/L

2.5 mm<sup>2</sup>



6.1 x 84.5 x 49  
32 / 4  
0.13...4



IEC 60947-7-1

IEC	UL	CSA
400	300	300
24	15	10
2.5	AWG 22...12	AWG 26...12
6 / 3		
A3 / V-0		



#### Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
8 / 0.6 x 3.5 mm

Type	Qty	Order No.
WDL 2.5/S/NT/L/PE	50	1030600000
PPE connection marked green/yellow, three-phase circuit together with WDL 2.5/S/L/L		

Type	Qty	Order No.
WDL 2.5/S/L/L	50	1031200000
WDL 2.5/S/N/L order no. 1030800000 (upper connection marked blue)		

Type	current	Qty	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Width			
WAP WDL2.5/S	1.5 mm	20	1067700000
WHP WDL2.5/S BL	1.5 mm	20	1067980000
WEW 35/2			
WEW 35/2	8 mm	100	1061200000
SWIFTY SET			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN			
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4			
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

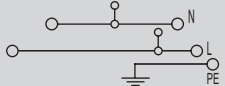
Type	current	Qty	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
Width			
WAP WDL2.5/S	1.5 mm	20	1067700000
WHP WDL2.5/S BL	1.5 mm	20	1067980000
WEW 35/2			
WEW 35/2	8 mm	100	1061200000
SWIFTY SET			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN			
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4			
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

WDL 2.5/S/N/L/PE

2.5 mm<sup>2</sup>



6.1 x 84.5 x 49  
32 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300	300
24	15	10
2.5	AWG 22...12	AWG 26...12
4 / 3		
A3 / V-0		



Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

L-PE / L-N 250 V

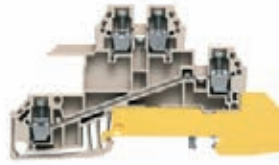
Type	Qty	Order No.
WDL 2.5/S/N/L/PE	50	1030700000
PE connection marked green/yellow		

Type	current	Qty	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
<b>Width</b>			
WAP WDL2.5/S	1.5 mm	20	1067700000
WHP WDL2.5/S BL	1.5 mm	20	1067980000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

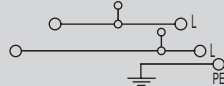
DEK 5/6 / WS 8/5

WDL 2.5/S/L/L/PE

2.5 mm<sup>2</sup>



6.1 x 84.5 x 49  
32 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
400	300	300
24	15	10
2.5	AWG 22...12	AWG 26...12
4 / 3		
A3 / V-0		



Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

L-PE 250 V

Type	Qty	Order No.
WDL 2.5/S/L/L/PE	50	1031100000
PE connection marked green/yellow		

Type	current	Qty	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
<b>Width</b>			
WAP WDL2.5/S	1.5 mm	20	1067700000
WHP WDL2.5/S BL	1.5 mm	20	1067980000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

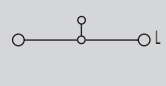
DEK 5/6 / WS 8/5

WDL 2.5/S/L

2.5 mm<sup>2</sup>



6.1 x 84.5 x 49  
32 / 4  
0.13...4



IEC 60947-7-1

IEC	UL	CSA
400	300	300
24	15	10
2.5	AWG 22...12	AWG 26...12
6 / 3		
A3 / V-0		



Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

Type	Qty	Order No.
WDL 2.5/S/L	50	1031300000
WDL 2.5/S/N order no. 1031300000 (connection marked blue)		

Type	current	Qty	Order No.
Q 2 WDL2.5S	24 A	50	1071500000
Q 3 WDL2.5S	24 A	50	1071600000
Q 4 WDL2.5S	24 A	50	1071700000
Q 10 WDL2.5S	24 A	20	1071800000
<b>Width</b>			
WAP WDL2.5/S	1.5 mm	20	1067700000
WHP WDL2.5/S BL	1.5 mm	20	1067980000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/6 / WS 8/5

## Installation terminals

### Neutral conductor disconnect terminals

These special modular terminals are specified for insulation measurements without disconnecting the conductor according to VDE standards for places of public assembly.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

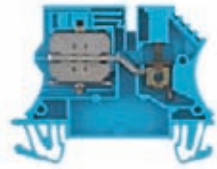
### Accessories

End plate / partition	
	Dark beige Wemid
	Blue Wemid
Mounting plate for 10 x 3 (required every 20 cm)	
	Blue Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	with „swifty set“ cutting device
	Standard
Busbar 10 x 3 (140 A)	
	OK, Busbar up to OK, TS35 = 25,5 mm
Clamping yoke for power supply to 10 x 3 busbars	
	Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup>
	rigid / flexible 6 - 16 mm <sup>2</sup>
	Flexible 16 - 35 mm <sup>2</sup>

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

### WNT 2.5

2.5 mm<sup>2</sup>



5.1 x 60 x 47	NT
<b>32 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1		
IEC	UL	CSA
400	600	600
24	25	20
2.5	AWG 22...12	AWG 26...12
6 / 3		
A3 / V-0		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
Tightening torque, N-disconnector 0.4...0.6 Nm		

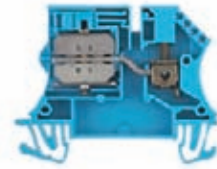
Type	Qty	Order No.
WNT 2.5 10X3 BE	100	1010600000
WNT 2.5 10X3	100	1010680000
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	Width	Qty	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WHP 2.5-35N/10x3 BL	2 mm	20	1050280000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

Marking systems	
	DEK 5/5 / WS 12/5

### WNT 4

4 mm<sup>2</sup>



6.1 x 60 x 47	NT
<b>41 / 6</b>	
<b>0.13...6</b>	

IEC 60947-7-1		
IEC	UL	CSA
400	600	600
32	35	35
4	AWG 22...10	AWG 26...10
6 / 3		
A4 / V-0		
Rated connection		
0.5...6 / 1.5...6		
0.5...6 / 0.5...4		
0.5...1.0 Nm (M 3)		
10 / 0.6 x 3.5 mm		
Tightening torque, N-disconnector 0.4...0.8 Nm		

Type	Qty	Order No.
WNT 4 10X3 BE	100	1010700000
WNT 4 10X3	100	1010780000

Type	Width	Qty	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WHP 2.5-35N/10x3 BL	2 mm	20	1050280000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

Marking systems	
	DEK 5/5 / WS 12/5

WNT 6

6 mm<sup>2</sup>



7.9 x 60 x 47  
57 / 10  
0.5...10



IEC 60947-7-1

IEC	UL	CSA
400	600	600
41	45	45
6	AWG 20...8	AWG 20...8
6 / 3		
A5 / V-0		

**Rated connection**

0.5...10 / 1.5...10  
0.5...10 / 0.5...6  
0.8...1.2 Nm (M 3.5)  
12 / 4.0 x 0.8 mm

Tightening torque, N-disconnector 0.8...1.6 Nm

Type	Qty	Order No.
WNT 6 10X3 BE	50	1010800000
WNT 6 10X3	50	1010880000

Type	Width	Qty	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WHP 2.5-35N/10x3 BL	2 mm	20	1050280000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

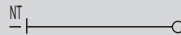
DEK 5/5 / WS 12/5

WNT 10

10 mm<sup>2</sup>



9.9 x 60 x 47  
76 / 16  
1.31...16



IEC 60947-7-1

IEC	UL	CSA
400	600	600
57	60	65
10	AWG 16...6	AWG 16...6
6 / 3		
B6 / V-0		

**Rated connection**

1.5...16 / 1.5...16  
1.5...16 / 1.5...16  
1.2...2.0 Nm (M 4)  
12 / 1.0 x 5.5 mm

Tightening torque, N-disconnector 0.8...1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.

Type	Qty	Order No.
WNT 10 10X3 BE	50	1010900000
WNT 10 10X3	50	1010980000

Type	Width	Qty	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WHP 2.5-35N/10x3 BL	2 mm	20	1050280000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/5 / WS 12/5

WNT 16N

16 mm<sup>2</sup>



12 x 60 x 47  
101 / 25  
1.5...25



IEC 60947-7-1

IEC	UL	CSA
400	300	300
76	65	65
16	AWG 14...6	AWG 14...6
6 / 3		
B7 / V-0		

**Rated connection**

1.5...16 / 1.5...25  
1.5...16 / 1.5...16  
1.2...2.2 Nm (M 4)  
12 / 1.0 x 5.5 mm

Tightening torque, N-disconnector 0.8...1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.

Type	Qty	Order No.
WNT 16N 10X3	50	1019000000

Type	Width	Qty	Order No.
WHP 2.5-35N/10x3 BL	2 mm	20	1050280000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SD 1.0x5.5x150		1	9008350000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/5 / WS 12/6,5

## Installation terminals

### Neutral conductor disconnect terminals

These special modular terminals are specified for insulation measurements without disconnecting the conductor according to VDE standards for places of public assembly.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

<b>End plate / partition</b>	Dark beige Wemid Blue Wemid
<b>Mounting plate for 10 x 3 (required every 20 cm)</b>	Blue Wemid
<b>End bracket</b>	Dark beige Wemid
<b>Screwdriver</b>	with „swifty set“ cutting device Standard
<b>Busbar 10 x 3 (140 A)</b>	OK, Busbar up to OK, TS35 = 25,5 mm
<b>Clamping yoke for power supply to 10 x 3 busbars</b>	Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup> rigid / flexible 6 - 16 mm <sup>2</sup> Flexible 16 - 35 mm <sup>2</sup>



<b>Marking systems</b>	(see assortment in catalogue 7) Marking tags
<b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b>	

### WNT 35N

35 mm<sup>2</sup>

#### Compact design



16 x 66 x 51	
<b>150 / 50</b>	NT
<b>2.5...50</b>	

IEC 60947-7-1

IEC	UL	CSA
400		
125		
35		
	6 / 3	
	B8 / V-0	
Rated connection		
2.5...16 / 2.5...50		
2.5...35 / 2.5...35		
4.0...5.0 Nm (M 6)		
18 / 6.5 x 1.2 mm		
The tightening torque for 16 - 50 mm <sup>2</sup> stranded conductors is 4.5 Nm. Tightening torque for N-isolator: 1.2...2.4 Nm		

Type	Qty	Order No.
WNT 35N 10X3	20	<b>1718550000</b>

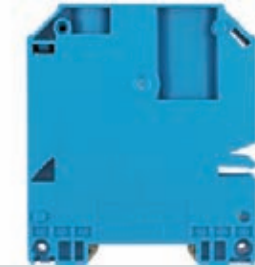
Type	Width	Qty	Order No.
WHP 2.5-35N/10x3 BL	2 mm	20	<b>1050280000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
SWIFTY SET		1	<b>9006060000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4	5.6 mm	50	<b>0316500000</b>
ZB 16 ZKSC	10 mm	50	<b>0316600000</b>
ZB 35/M6X16	14 mm	20	<b>0266500000</b>

DEK 5/5 / WS 12/6,5
Refer to the „W-Series Accessories“ section for PEN bridges.

### WNT 70N

70 mm<sup>2</sup>

#### Compact design



20.5 x 75 x 86	
<b>207 / 95</b>	NT
<b>10...95</b>	

IEC 60947-7-1

IEC	UL	CSA
400	600	
192	175	
70	AWG 6...2/0	
	6 / 3	
	B11 / V-0	
Rated connection		
10...16 / 10...95		
10...70 / 10...70		
6.0...12 Nm (M 8)		
22 / S6 (DIN 6911)		
Tightening torque, N-disconnector 2.5...5.0 Nm		

Type	Qty	Order No.
WNT 70N/35	10	<b>9512210000</b>

Type	Width	Qty	Order No.
WHP 2.5-35N/10x3 BL	2 mm	20	<b>1050280000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
SWIFTY SET		1	<b>9006060000</b>
SD 1.0x5.5x150		1	<b>9008350000</b>
SSCH 10X3X1000 CU/SN	10 mm	1	<b>0348900000</b>
ZB 4	5.6 mm	50	<b>0316500000</b>
ZB 16 ZKSC	10 mm	50	<b>0316600000</b>
ZB 35/M6X16	14 mm	20	<b>0266500000</b>

DEK 5/5 / WS 12/6,5
---------------------





Test-disconnect terminals

# Testing made easy

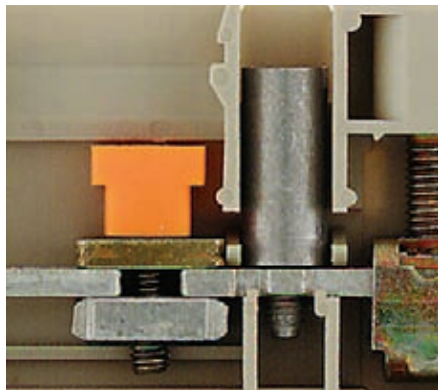
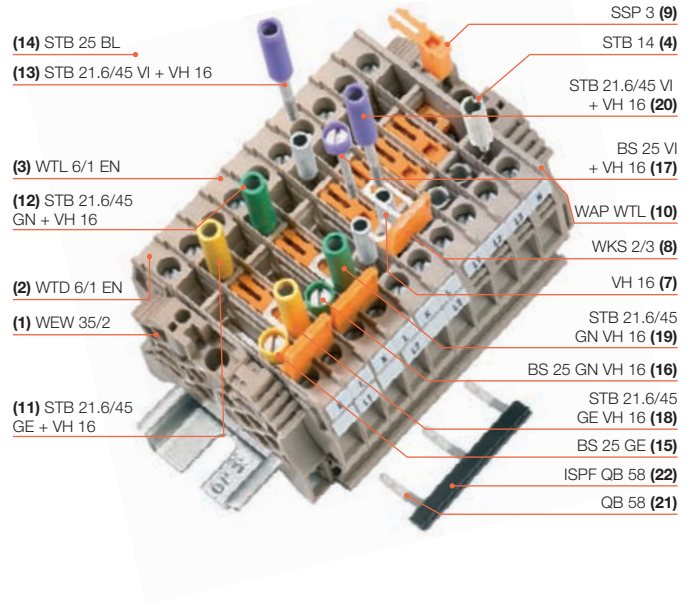
## WTL 6/1 EN, WTD 6/1 EN, WTQ 6/1 EN

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers “run hot” and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

You can solve many switching tasks - clearly and affordably - with the WTL 6/1 EN test-disconnect terminal, the WTD 6/1 EN feed-through terminal, and the WTQ 6/1 EN cross-disconnect terminal.

E

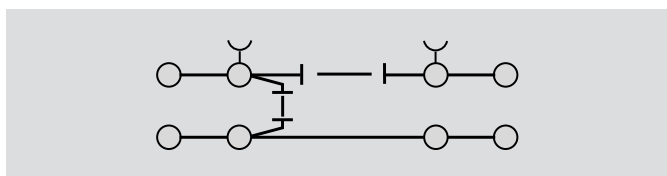
The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



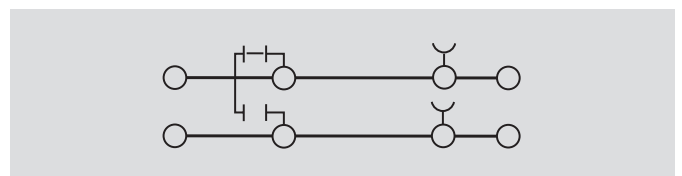
Sliding disconnecter is easy to use (WTL 6/1 EN)



Safe disconnection of cross-connection (WTQ 6/1 EN)



One short-circuit slider per terminal (WTL 6/1 EN)



One short-circuit jumper per terminal (WTQ 6/1 EN)

Test-disconnect terminal blocks for metering with the WTL 6/1 EN

Ordering data

Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	0206160000	2
2	WTD 6/1 EN	1934830000	1934830000	3
3	WTL 6/1 EN	1934810000	1934810000	7
4	STB 14	0169900000	0169900000	4
5	BS 25 SW <sup>1)</sup>	0335200000	0335200000	3
6	STB 35 SW <sup>2)</sup>	0388500000	0388500000	3
7	VH 16	0309700000	0309700000	9
8	WKS 2/3	1936140000	1936140000	3
9	SSP 3	0531760000	0531760000	7
10	WAP WTL	1068300000	1068300000	1

<sup>1)</sup> Pos. 5 similar to pos. 15, but with black insulating sleeve / <sup>2)</sup> Item 6 similar to item 18, but with black insulating sleeve

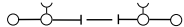
Optionally available for better labelling (instead of 8 x pos. 4, 3 x pos. 5 and 3 x pos. 6):

Pos.	Type	Order No.	Order No.	Qty.
4	STB 14	0169900000	0169900000	4
11	STB 21.6/45 GE	1936240000	1936240000	2
12	STB 21.6/45 GN	1936250000	1936250000	2
13	STB 21.6/45 VI	1936260000	1936260000	2
15	BS 25 GE	0335700000	0335700000	1
16	BS 25 GN	0335600000	0335600000	1
17	BS 25 VI	0335800000	0335800000	1

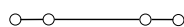
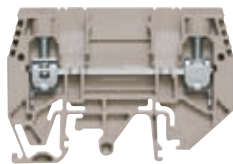
Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
21	QB 58° angled	0545300000	0545300000	1
22	ISPFQB58SW*	0546000000	0546000000	1

\* Shorten to 5 poles



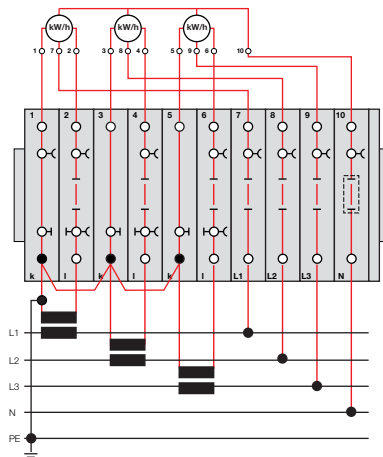
WTL 6/1 EN/STB



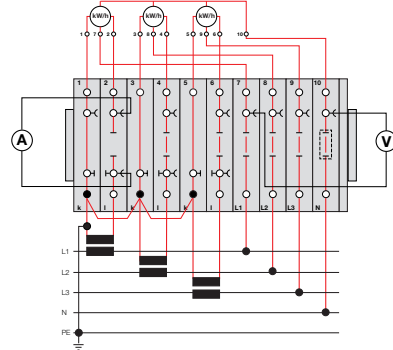
WTD 6/1 EN

Operating status

(with external distribution of k-point)



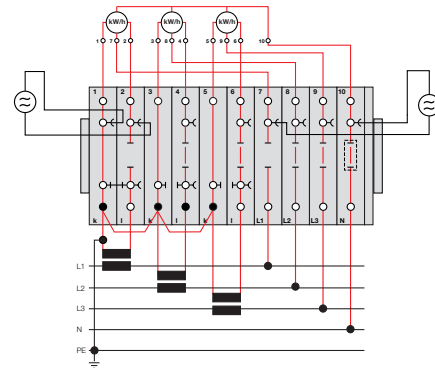
Comparison measurement for L1



Operation depending on operating status:

1. Connect ammeter to test sockets at terminal 2.
2. Open disconnect slide link of terminals 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

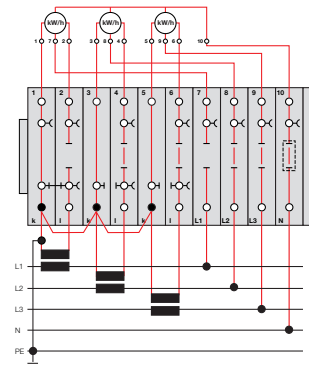
Meter test for L1 through external power supply



Operation depending on operating status:

1. Close the short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1



Operation depending on operating status:

1. Close short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

Test-disconnect terminals

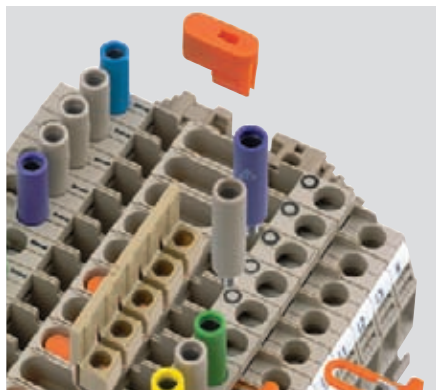
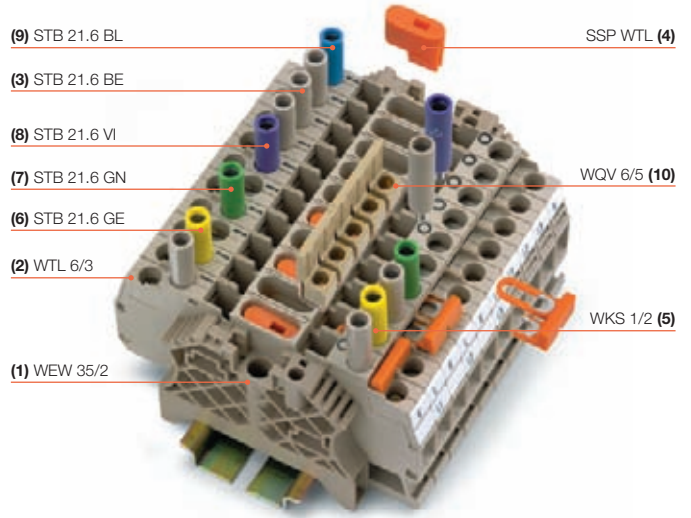
# Convenient test-disconnect terminals WTL 6/2, WTL 6/3

All the circuits occurring in practice can be realised with the WTL 6/2 and WTL 6/3 terminals plus a few accessories.

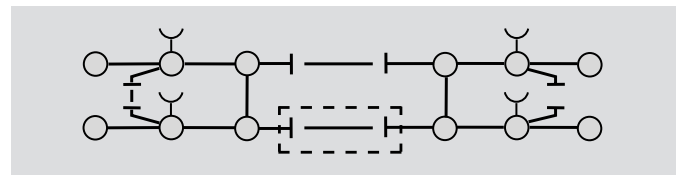
The short-circuit sliders are finger-touch safe – no risk of electric shock. Two cross-connections, e.g. for internal distribution of the contact point, can also be incorporated. The standard WQV 6/... cross-connections of the W-Series can be used here, which also permit terminals to be bypassed.

Thanks to the specially designed test sockets, both conventional test plugs and conventional safety test plugs can be used with the WTL 6/3.

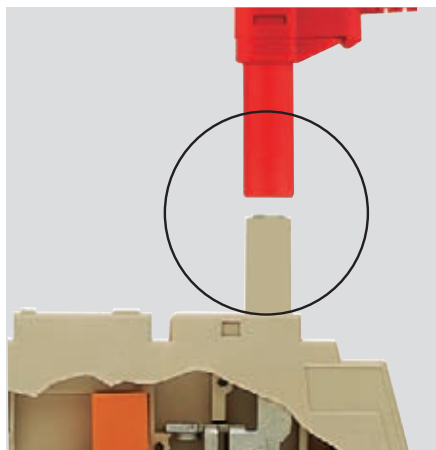
Another advantage of the WTL 6/3 is that one screwdriver fits all screws and also all sockets.



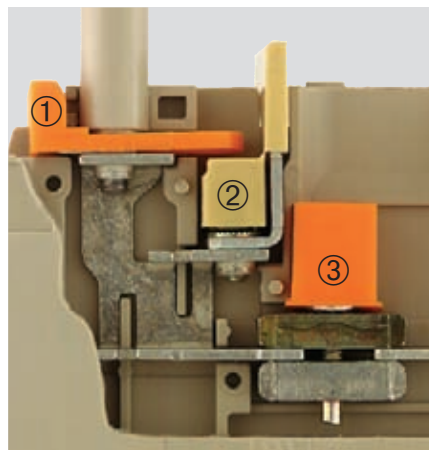
Optimised accessories for all circuit variations



Variation with maximum accessories



Safe test point to German standard



Compact design: ① sliding disconnect, ② cross-connection, ③ short-circuit slider



2 DEK markers per connection point

Test-disconnect terminal blocks for measuring with WTL 6/3

Ordering data

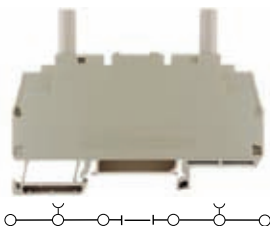
Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	0206160000	2
2	WTL 6/3	1018800000	1018900000	10
3	STB 21.6 BE	1071000000	1071000000	14
4	SSP WTL	1604200000	1604200000	4
5	WKS 1/2	1604270000	1604270000	3

Optionally available for better labelling for WTL 6/3 (instead of 14 x pos. 3):

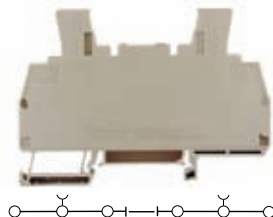
Pos.	Type	Order No.	Order No.	Qty.
3	STB 21.6 BE	1071000000	1071000000	7
6	STB 21.6 GE	1071010000	1071010000	2
7	STB 21.6 GN	1071020000	1071020000	2
8	STB 21.6 VI	1071030000	1071030000	2
9	STB 21.6 BL	1071080000	1071080000	1

Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
10	WQV 6/5	1062660000	1062660000	1



WTL 6/3/STB

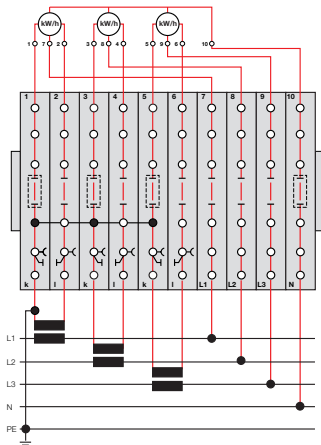


WTL 6/2

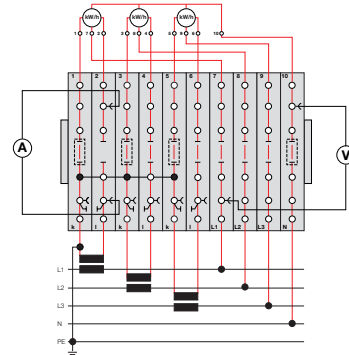
The disconnect test terminal WTL 6/3/STB offers the same functionality as the WTL 6/2. However, thanks to the special design of the test sockets both conventional test plugs as well as commercially available test plugs can be used.

Operating status

(with internal distribution of the k-point)



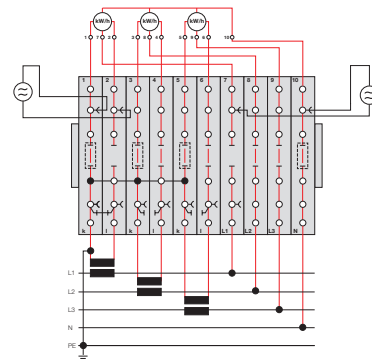
Comparison measurement for L1



Operation depending on the operating status:

1. Connect ammeter to test sockets of terminal 2.
2. Open disconnect slide link of terminal 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

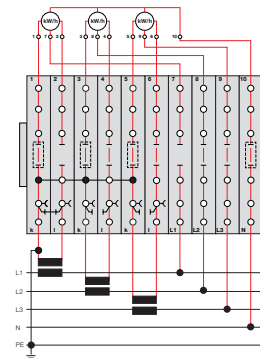
Meter test for L1 through external power supply



Operation depending on the operating status:

1. Close short-circuit slide of terminals 1 and 2.
2. Open disconnect slide link of terminals 2 and 7.
3. Connect external power supply to the sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1



Operation depending on the operating status:

1. Close short-circuit slide of terminals 1 and 2.
2. Open disconnect slide link of terminals 2 and 7.
3. Disconnect meter for L1 at terminals 1, 2 and 7.

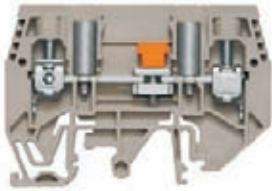




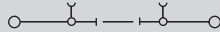
WTL 6/1 EN

6 mm<sup>2</sup>

Longitudinal - disconnect



7.9 x 65 x 48.5  
57 / 10  
0.5...10



IEC 60947-7-1

IEC	UL	CSA
630	300	300
41	45	45
6	AWG 20...8	AWG 20...8
6 / 3		
A5 / V-0		



Rated connection

0.5...10 / 1.5...10  
0.5...10 / 0.5...6  
0.8...1.6 Nm (M 3.5)  
12 / 4.0 x 0.8 mm

Use as 500 V disconnect terminal. Conductor connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.0 Nm.

Type	Qty	Order No.
WTL 6/1 EN STB	50	1934820000
WTL 6/1 EN	50	1934810000
TS32 version on request		

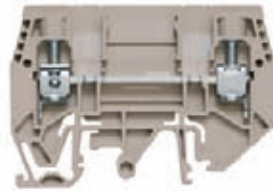
Type	current	Qty	Order No.
QL 2 SAK6N	32 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
Width			
WAP WTL6/1 L	1.5 mm	20	1957710000
WTW WTL6/1 DB	1.5 mm	20	1068400000
current			
QVS 2 SAKT1+2	41 A	20	0307300000
QVS 3 SAKT1+2	41 A	20	0329300000
QVS 4 SAKT1+2	41 A	20	0307400000
VH 16		50	0309700000
STB 21.6/45		50	1936240000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 35 IH/GE		50	0389000000
STB 35 IH/GN		50	0388900000
STB 35 IH/M		50	0389100000
STB 35 IH/BL		50	0388700000
STB 14/D6/4/M3 SAK10		50	0169900000

DEK 5/8 / WS 12/6,5

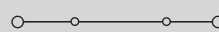
WTD 6/1 EN

6 mm<sup>2</sup>

Feed-through



7.9 x 65 x 48.5  
57 / 10  
0.5...10



IEC 60947-7-1

IEC	UL	CSA
630	300	300
41	45	45
6	AWG 20...8	AWG 20...8
6 / 3		
A5 / V-0		



Rated connection

0.5...10 / 1.5...10  
0.5...10 / 0.5...6  
0.8...1.6 Nm (M 3.5)  
12 / 4.0 x 0.8 mm

Conductor connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.0 Nm.

Type	Qty	Order No.
WTD 6/1 EN	50	1934830000
TS32 version on request		

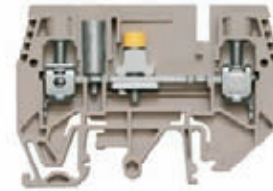
Type	current	Qty	Order No.
QL 2 SAK6N	32 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
Width			
WAP WTL6/1 L	1.5 mm	20	1957710000
WTW WTL6/1 DB	1.5 mm	20	1068400000
current			
QVS 2 SAKT1+2	41 A	20	0307300000
QVS 3 SAKT1+2	41 A	20	0329300000
QVS 4 SAKT1+2	41 A	20	0307400000
VH 16		50	0309700000
STB 21.6/45		50	1936240000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 35 IH/GE		50	0389000000
STB 35 IH/GN		50	0388900000
STB 35 IH/M		50	0389100000
STB 35 IH/BL		50	0388700000
STB 14/D6/4/M3 SAK10		50	0169900000

DEK 5/8 / WS 12/6,5

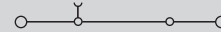
WTQ 6/1 EN

6 mm<sup>2</sup>

Cross-connect/disconnect (isolator)



7.9 x 65 x 48.5  
57 / 10  
0.5...10



IEC 60947-7-1

IEC	UL	CSA
500	300	300
41	45	45
6	AWG 20...8	AWG 20...8
6 / 3		
A5 / V-0		



Rated connection

0.5...10 / 1.5...  
0.5...10 / 0.5...6  
0.8...1.6 Nm (M 3.5)  
12 / 4.0 x 0.8 mm

Conductor connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.0 Nm.

Type	Qty	Order No.
WTQ 6/1 EN STB	50	1934800000
WTQ 6/1 EN	50	1934790000
TS32 version on request		

Type	current	Qty	Order No.
QL 2 SAK6N	32 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
Width			
WAP WTL6/1	1.5 mm	20	1068300000
WTW WTL6/1 DB	1.5 mm	20	1068400000
current			
WKB 1/2		50	1604280000
WKB 1/3		50	1604300000
WKB 1/4		50	1604320000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 35 IH/GE		50	0389000000
STB 35 IH/GN		50	0388900000
STB 35 IH/M		50	0389100000
STB 35 IH/BL		50	0388700000
STB 14/D6/4/M3 SAK10		50	0169900000

DEK 5/8 / WS 12/6,5

## Test-disconnect terminals

Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be realised.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	With socket
	Without socket
Note	

### Accessories

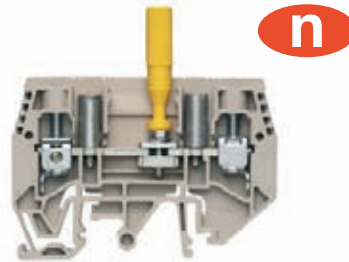
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve for cross-connector QL
	Mounting screw
End plate / partition	
	Dark beige Wemid
	Dark beige Wemid
Cross-connection slider	
	2-pole
	3-pole
	4-pole
	Connecting sleeve for QVS
	Mounting screw for QVS
Testing / Checking	
	Test plug
	Socket, grey
	Socket, green
	Socket, violet
	Socket, blue
	Socket
Miscellaneous accessories	


Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## WTL 6/1/STB/TNSC/EN

6 mm<sup>2</sup>

### Longitudinal - disconnect



7.9 x 65 x 48.5	
<b>57 / 10</b>	
<b>0.5...10</b>	

IEC 60947-7-1		
IEC	UL	CSA
630	300	300
41	45	45
6	AWG 20...8	AWG 20...8
6 / 3		
A5 / V-0		
UL		
Rated connection		
0.5...10 / 1.5...		
0.5...10 / 0.5...6		
0.8...1.6 Nm (M 3.5)		
12 / 4.0 x 0.8 mm		
Use as 500 V disconnect terminal. Conductor connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.0 Nm.		

Type	Qty	Order No.
WTL 6/1/STB/TNSC/EN	50	1938820000
TS32 version on request		

Type	current	Qty	Order No.
QL 2 SAK6N	32 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
Width			
WAP WTL6/1	1.5 mm	20	1068300000
WTW WTL6/1 DB	1.5 mm	20	1068400000
current			
QVS 2 SAKT1+2	41 A	20	0307300000
QVS 3 SAKT1+2	41 A	20	0329300000
QVS 4 SAKT1+2	41 A	20	0307400000
VH 19/6/4.2 SAKT1		50	0318000000
BS 25 IH/GE SAKT1		50	0335700000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 35 IH/GE		50	0389000000
STB 35 IH/GN		50	0388900000
STB 35 IH/V		50	0389100000
STB 35 IH/BL		50	0388700000
STB 14/D6/4/M3 SAK10		50	0169900000

DEK 5/8 / WS 12/6,5
---------------------

Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be realised.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

**Ordering data**

Version	
	With socket
	Without socket
Note	

**Accessories**

Screwable cross-connection	
	2-pole 3-pole 4-pole 10-pole Connecting sleeve for cross-connector QL Mounting screw
End plate / partition	
	Dark beige Wemid Dark beige Wemid
Cross-connection slider	
	2-pole 3-pole 4-pole Connecting sleeve for QVS Mounting screw for QVS
Testing / Checking	
	Test plug Socket, grey Socket, green Socket, violet Socket, blue Socket
Miscellaneous accessories	

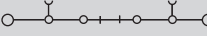
Marking systems	
	(see assortment in catalogue 7) Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

**WTL 6/2**

6 mm<sup>2</sup>

**Longitudinal - disconnect**



8 x 87 x 61.8	
<b>57 / 10</b>	
<b>0.5...10</b>	

IEC 60947-7-1		
IEC	UL	CSA
500	300	300
41	45	45
6	AWG 20...8	AWG 20...8
6 / 3		
A5 / V-0		
UL		
Rated connection		
0.5...10 / 1.5...10		
0.5...10 / 0.5...6		
0.8...1.6 Nm (M 3.5)		
12 / 4.0 x 0.8 mm		

Type	Qty	Order No.
WTL 6/2	50	1017700000
TS32 version on request		

Type	current	Qty	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000

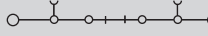
WS 12/6,5	For further disconnect test terminal accessories, see chapter „Accessories“
-----------	-----------------------------------------------------------------------------

**WTL 6/3**

6 mm<sup>2</sup>

**Longitudinal - disconnect**



7.9 x 87 x 65	
<b>57 / 10</b>	
<b>0.5...10</b>	

IEC 60947-7-1		
IEC	UL	CSA
500	300	300
41	45	45
6	AWG 20...8	AWG 20...8
6 / 3		
A5 / V-0		
UL		
Rated connection		
0.5...10 / 1.5...10		
0.5...10 / 0.5...6		
0.8...1.6 Nm (M 3.5)		
12 / 4.0 x 0.8 mm		

Type	Qty	Order No.
WTL 6/3/STB	50	1018600000
WTL 6/3	50	1018800000
TS32 version on request		

Type	current	Qty	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 21.6/IH/GE WTL6/3	6.2 mm	50	1071010000
STB 21.6/IH/GN WTL6/3	6.2 mm	50	1071020000
STB 21.6/IH/VI WTL6/3	6.2 mm	50	1071030000
STB 21.6/IH/BL WTL6/3	6.2 mm	50	1071080000

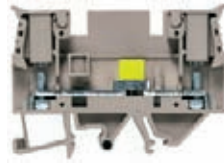
DEK 5/8 / WS 12/6,5	For further disconnect test terminal accessories, see chapter „Accessories“
---------------------	-----------------------------------------------------------------------------



## Test-disconnect terminals

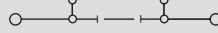
## WTL 6/4 FF

## Longitudinal disconnecter



Width x length x height mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

11 x 76.5 x 52  
 41 / 6  
 0.13 ... 6



## Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Tightening torque range, clamp. screw/disconnector	Nm
Approvals	
Note	

IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
800	600	600	
500 V for use as test-disconnect terminal			
41	30	30	
6	AWG 26 ... 10	AWG 26 ... 10	
1.2 ... 1.9 / 0.5 ... 0.8			

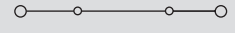


## WTD 6/4 FF

## Feed-through terminal



11 x 76.5 x 52  
 41 / 6  
 0.13 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
800	600	600	
500 V for use as test-disconnect terminal			
41	30	30	
6	AWG 26 ... 10	AWG 26 ... 10	
1.2 ... 1.9			




## Ordering data

Version
Note

Type	Qty.	Order No.
WTL 6/4 FF	50	1887210000
insulated cable lug needed		

Type	Qty.	Order No.
WTD 6/4 FF	50	1887220000
insulated cable lug needed		

## Accessories

<b>Cross-connection</b>	ZQV: plug-in cross-connection	2-pole	
<b>End plate/partition plate</b>	Wemid, dark beige		
<b>End bracket</b>			
<b>Screw</b>			
<b>Connecting sleeves</b>			
<b>Cross-connection lugs</b>			
<b>Cross-connection</b>			
<b>Insulating sleeve</b>			
<b>Cross-connection plug</b>			
<b>Cable lug</b>			
<b>Tools</b>			
Screwdriver			
Crimping tools			
<b>Marking systems</b>			
		Tags	
<b>For detailed information on further accessories and their use see chapter "Accessories".</b>			

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
ZQV 10/2	25	1739680000
WAP WTL6/4FF	20	1887240000
EWK 1/TS 32	100	0206160000
WEW 35/2 / TS 35	100	1061200000
EW 35 /SCHA/M3	100	0258660000
BS M3x20		0303000000
BS M3x20 CuNi		0377100000
VH 13.5		0248500000
QL 2 WTL 6/4 FF		1897010000
QL 3 WTL 6/4 FF		1897020000
QL 4 WTL 6/4 FF		1897030000
QL 10 WTL 6/4 FF		1897090000
QL 50 WTL 6/4 FF		1897100000
Q 2 WTL 6/4 FF		1897110000
Q 3 WTL 6/4 FF		1897120000
Q 4 WTL 6/4 FF		1897130000
Q 10 WTL 6/4 FF		1897190000
DS 13.5 WTL 6/4		1897000000
QS 2 (2-pole)		0270760000
LIR 1.5 M4 V		9200090000
LIR 2.5 M4 V		9200170000
LIR 6 M4 V		9200230000
SDI 0.8 x 4.0		9008400000
SD 0.8 x 4.0		9008340000
SDIZ 0.8 x 5.5		9008640000
CTI 6		9006120000
WS 10/5 / DEK 5		
For additional test-disconnect terminal accessories, refer to the Accessories Chapter.		

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
ZQV 10/2	25	1739680000
WAP WTL6/4FF	20	1887240000
EWK 1/TS 32	100	0206160000
WEW 35/2 / TS 35	100	1061200000
EW 35 /SCHA/M3	100	0258660000
BS M3x20		0303000000
BS M3x20 CuNi		0377100000
VH 13.5		0248500000
QL 2 WTL 6/4 FF		1897010000
QL 3 WTL 6/4 FF		1897020000
QL 4 WTL 6/4 FF		1897030000
QL 10 WTL 6/4 FF		1897090000
QL 50 WTL 6/4 FF		1897100000
Q 2 WTL 6/4 FF		1897110000
Q 3 WTL 6/4 FF		1897120000
Q 4 WTL 6/4 FF		1897130000
Q 10 WTL 6/4 FF		1897190000
DS 13.5 WTL 6/4		1897000000
QS 2 (2-pole)		0270760000
LIR 1.5 M4 V		9200090000
LIR 2.5 M4 V		9200170000
LIR 6 M4 V		9200230000
SDI 0.8 x 4.0		9008400000
SD 0.8 x 4.0		9008340000
SDIZ 0.8 x 5.5		9008640000
CTI 6		9006120000
WS 10/5 / DEK 5		
For additional test-disconnect terminal accessories, refer to the Accessories Chapter.		

WTL 35

35 mm<sup>2</sup>

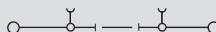


width x length x height with TS 35 x 15 mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

16 / 100 / 68

125 / 35

35



Technical data

Rated data

Rated voltage V  
 Rated current A  
 Rated cross-section mm<sup>2</sup>  
 Rated impulse withstand voltage / Pollution severity kV/-  
 Gauge to IEC 60947-1 / UL94 Flammability class

IEC 60 947-7-1

500  
 125  
 35  
 6 / 3  
 B9 / V-0

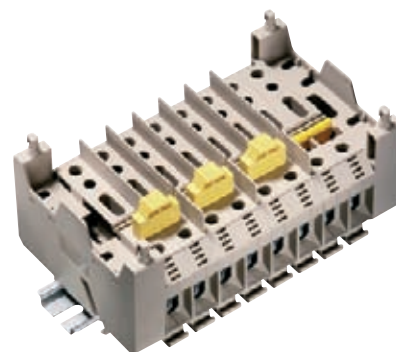
Clamped conductors

„e“ solid H07V-U mm<sup>2</sup>  
 „m“ stranded H07V-R mm<sup>2</sup>  
 „f“ flexible H07V-K mm<sup>2</sup>  
 „f“ flexible H07V-K mit AEH mm<sup>2</sup>  
 Tightening torque range clamping screw Nm  
 Tightening torque slider screw Nm  
 Stripping length/Clamping screw/Blade size mm/-

Rated connection

4 ... 16  
 10 ... 35  
 4 ... 35  
 4 ... 35  
 4  
 1,2  
 18 / M6 / 6.5 x 1.2

Note



Ordering data

Ausführung

dark beige Wemid with 2x test socket  
 with 1x test socket  
 with Cross-connection channel Type WQV 35

Note

Type	Current [A]	Qty.	Order No.
WTL 35/2/STB	125	10	1925030000
WTL 35/1/STB	125	10	1925060000
WTL 35/1/STB/WQV	125	10	1925050000

Accessories

End bracket

width x length x height with TS 35 x 15 18 / 100 / 79.4 mm  
 End bracket dark beige Wemid

Cross-connection

Short-circuit plugs yellow Wemid  
 Cross-connection (screwed) / permanent 2-pole

Cover

width x length x height with TS 35 x 15 155/219/62 mm  
 Cover  
 Fixing element for cover profile dark beige Wemid

Screwdriver

slot-head screwdriver

Type	Qty.	Order No.
WEW WTL 35	10	1925040000
WQS 2/16 / 5	5	1925070000
WQV 35/2	50	1053060000
ADHB / 8 WTL 35	1	2334730000
BFEL + BEMU WEW WTL 35	20	1964820000
SD 1.2 x 6.5 x 150	1	9009010000



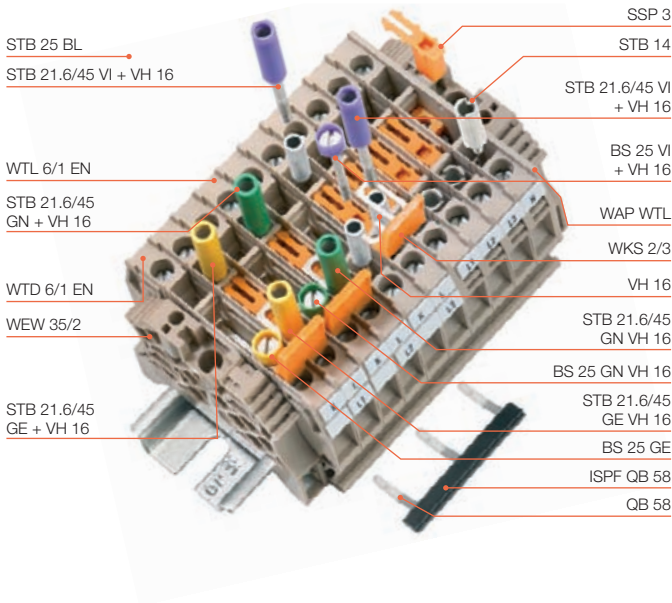
Marking systems

Marking tags

WS 12/6

**Test-disconnect terminals**

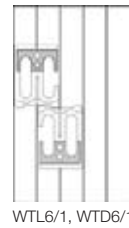
**Accessories for test-disconnect terminals**



**Cross-connection slider QVS ...**

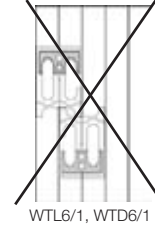
Connection sleeves VH 19 and fixing screws BS 25 (or sockets StB 35) are required for fastening the QVS in the individual terminals. The fixing screws have an insulating sleeve as colour marking and a screwdriver guide. Cross-connection sliders are designed so that the sockets inserted in the terminals remain available for test plugs at every position. The 2-pole version type QVS 2S is designed to slide with test plugs plugged in. If the option of testing is required when the QVS is plugged in, socket StB 35 can be used for fastening. The clearance and creepage sections required for the rated voltage of the terminal are changed when accessories are fitted. Sockets **type StB** are screwed into the busbar of the terminal. They take test plugs type PS4 or cross-connectors type QS2.

**QVSK 2 (167036)**



WTL6/1, WTD6/1

**QVS 2 (030730)**



WTL6/1, WTD6/1

Note:  
QVS 2 cannot be switched offset to each other.

**Technical data**

Rated voltage		for neighbouring	
for neighbouring	rated voltage	for neighbouring	rated voltage
QVS	63 V	STB 25	63 V
WQV	up to 400 V	STB 30.5	63 V
QL	250 V	STB 35	63 V

SSP WTL, SSP 3 and SSP 4 prevent unwanted opening or closing of current circuits. They block the disconnecting slider in its particular position. The lockout device is easily pressed into the terminal, but can only be removed again with a tool.

To retain the rated voltage, partition plates TW or partition discs TSch have to be used, except with WQV.



Type	Qty.	Order No.
SSP 3	100	0531760000
SSP 4	20	1319360000
SSP WTL	100	1604200000

**QVS 1**

**Cross-connection slider**



QVS QVS QVSK 2 QVS 2S

Type	No. of poles	Qty.	Order No.
QVS 2	2	20	0307300000
QVSK 2	2	20	1670360000
QVS 3	3	20	0329300000
QVS 4	4	20	0307400000
QVS 2S	2	20	0358460000

**STB**

**Cross-connection slider**



Type	Colour	Qty.	Order No.
<b>STB 14</b>			
STB 14		50	0169900000
<b>STB 25</b>			
STB 21.6/45 BL	blue	50	1936290000
STB 21.6/45 DB d.	blue	50	1938790000
STB 21.6/45 GE	yellow	50	1936240000
STB 21.6/45 GN	green	50	1936250000
STB 21.6/45 GR	grey	50	1936280000
STB 21.6/45 RT	red	50	1936300000
STB 21.6/45 SW	black	50	1936270000
STB 21.6/45 VI	violet	50	1936260000
<b>STB 30.5</b>			
STB 30.5	black	50	0341000000
STB 30.5	grey	50	0341100000
STB 30.5	blue	50	0341200000
STB 30.5	red	50	0341300000
STB 30.5	green	50	0341400000
STB 30.5	yellow	50	0341500000
STB 30.5	violet	50	0341600000
<b>STB 35</b>			
STB 35	yellow	50	0389000000
STB 35	green	50	0388900000
STB 35	violet	50	0389100000
STB 35	black	50	0388500000
STB 35	grey	50	0388600000
STB 35	blue	50	0388700000
STB 35	red	50	0388800000

Accessories for test-disconnect terminals

BS fixing screws

VH connecting sleeves

WQV cross-connections

WQV cross-connections allow for finger and hand-safe connection between neighbouring terminals in accordance with VBG 4.

QL cross-connection lug

Model QL cross-connection links serve as fixed (i.e. non-switchable) cross-connections when used with WLT 6.1 test-disconnect terminals. They are fastened with connecting sleeves VH 12 and fixing screws BS M 3 x 20 (or sockets StB 30.5). The clearance and creepage distances required for the rated voltage of the terminal can be changed when accessories are installed. This applies in particular to the cross-connection of neighbouring terminals of differing potential.

WKB / WKS cross-connection bridge

WKB can be inserted from above in the case of cross-disconnect terminal type WTQ 6/1. The integrated disconnect slider is then responsible for connection or disconnection.

QS2 cross-connection plug

For sockets diameter 4 mm, for loads up to 44 A..

BS / VH



Type	Colour	Qty.	Order No.
<b>Fixing screws</b>			
BS 25	yellow	50	0335700000
BS 25	green	50	0335600000
BS 25	violet	50	0335800000
BS 25	grey	50	0335300000
BS 25	black	50	0335200000
BS 25	blue	50	0335400000
BS 25	red	50	0335500000
BS 25	blank	50	0334700000
KISC M3X20		100	0377100000
SAK10 CU5			
<b>Connecting sleeves</b>			
VH 19		50	0318000000
CuZn 39 (brass alloy)			
VH 12		100	0249000000
E-Cu 57 (copper alloy)			

WQV / QL



WQV (only for WTL 6/2, WTL 6/3)

Type	No. of poles	Qty.	Order No.
<b>WQV</b>			
WQV 6/2	2	50	1052360000
WQV 6/3	3	50	1054760000
WQV 6/4	4	50	1054860000
WQV 6/5	5	50	1062660000
WQV 6/7	7	50	1062680000
WQV 6/10	10	20	1052260000
WKS 2/2	2	50	1936150000
WKS 2/3	3	50	1936140000
<b>QL</b>			
QL 2	2	50	0194300000
QL 3	3	50	0194400000
QL 4	4	50	0194500000
QL 5	5	50	0220500000
QL 6	6	50	0220600000
QL 10	10	20	0338300000
QL 15	15	10	0221200000

WKS / WKB



WKS

WKB

Type	No. of poles	Qty.	Order No.
<b>WQV</b>			
WKB 1/2	2	50	1604280000
WKB 1/3	3	50	1604300000
WKB 1/4	4	50	1604320000
WKB 1/10	10	20	1604330000
<b>WKS</b>			
WKS 1/2	2	50	1604270000
WKS 1/3	3	50	1604290000
WKS 1/4	4	50	1604310000
WKS 2/2	2	50	1936150000
WKS 2/3	3	50	1936140000

QS 2



Type	No. of poles	Qty.	Order No.
<b>WQV</b>			
QS 2	2	20	0270960000
x = 8 mm, y = 16 mm			
QS 2	2	20	0270860000
x = 10 mm, y = 20 mm			
QS 2	2	20	0270760000
x = 12 mm, y = 20 mm			

## Terminals with spring-loaded cable clamps

Spring below clamping yoke ensures additional contact stability.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Note	

## Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (combi clip-on feet TS32/25)
	Black Wemid (combi clip-on feet TS32/25)
Note	

## Accessories

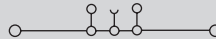
Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
	Black Wemid
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Testing / Checking	
	Standard

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## WDU 4 SL

4 mm<sup>2</sup>

6.1 x 60 x 47  
41 / 6  
0.22...6



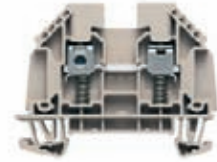
IEC 60947-7-1				Ex e ll Ex II 2 G D			
IEC	UL	CSA	EN 60079-7				
500	600	300	275				
32	30	25	28				
4	AWG 22...10	AWG 22...10	4				
				6 / 3			
				A4 / V-0			
				SIRA 02ATEX3242 U			
Rated connection							
0.5...6 / 1.5...6							
0.5...4 / 0.5...4							
0.5...1.0 Nm (M 3)							
15 / 0.6 x 3.5 mm							
0.5...1.5							
0.5...1.5 / 0.5...1.5							
Note the max. current of the terminal (41 A) when using the cross-connector!							

Type	Qty	Order No.
WDU 4 SL	50	9537440000

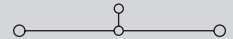
Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
Width			
WEW 35/2	8 mm	100	1061200000
WTA 3 WDU4	6 mm	25	1632350000

WS 12/6			
Hook-shaped cable lugs 1-2.5mm <sup>2</sup> thin version order no. 9036300000 (100 pcs.)			

## WDU 6 SL

6 mm<sup>2</sup>

7.9 x 60 x 47  
57 / 10  
0.5...10



IEC 60947-7-1				Ex e ll Ex II 2 G D			
IEC	UL	CSA	EN 60079-7				
500	150	300	275				
41	45	45	36				
6	AWG 20...8	AWG 20...8	6				
				6 / 3			
				A5 / V-0			
				SIRA 02ATEX3242 U			
Rated connection							
0.5...10 / 1.5...10							
0.5...6 / 0.5...6							
0.8...1.4 Nm (M 3.5)							
16 / 4.0 x 0.8 mm							
1.5...2.5							
1.5...2.5 / 0.5...2.5							
ESI rated data: 500 V/24 A / Note the max. current of the terminal (57 A) when using the cross-connector!							

Type	Qty	Order No.
WDU 6 SL	50	9537460000

Type	current	Qty	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
Width			
WEW 35/2	8 mm	100	1061200000
WTA 5/1	5 mm	25	1051260000

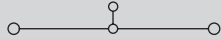
DEK 5/8 / WS 12/6.5			
Hook-shaped cable lugs, wide design 0.25-1.5mm <sup>2</sup> , order no. 9036290000 (100 pcs.); and 1-2.5mm <sup>2</sup> thin version, order no.			

WDU 10 SL

10 mm<sup>2</sup>



9.9 x 60 x 47  
76 / 16  
1.31...16



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	150	300	275
57	50	65	50
10	AWG 16...8	AWG 16...8	10
6 / 3			
A6 / V-0			

SIRA 02ATEX3242 U

Rated connection	
1.5...16 / 1.5...16	
1...6 / 1.5...10	
1.2...2.4 Nm (M 4)	
17 / 1.0 x 5.5 mm	
2.5...4	
2.5...4 / 1...4	
ESI rated data: 500 V/36 A / 16 mm <sup>2</sup> stranded connection must be tightened with 2 Nm.	

Type	Qty	Order No.
WDU 10 SL	50	9537480000

Type	Qty	Order No.
<b>current</b>		
WQV 10/2	57 A 50	1052560000
WQV 10/3	57 A 50	1054960000
WQV 10/4	57 A 50	1055060000
WQV 10/10	57 A 20	1052460000
<b>Width</b>		
WAP 2.5-10	1.5 mm 50	1050000000
WAP 2.5-10 SW	1.5 mm 50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm 20	1050100000
WEW 35/2	8 mm 100	1061200000
WTA 5/1	5 mm 25	1051260000

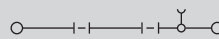
DEK 5/5 / WS 12/6,5  
Hook-shaped cable lugs, wide design 0.25-1.5mm<sup>2</sup>, order no. 9036290000 (100 pcs.); and 1-2.5mm<sup>2</sup> thin version, order no.

WTR 4 SL

4 mm<sup>2</sup>



6.1 x 61.5 x 48.6  
32 / 6  
0.22...6



IEC 60947-7-1

IEC	UL	CSA
500	300	300
32	22	24
4	AWG 22...10	AWG 22...10
6 / 3		
A4 / V-0		

Rated connection	
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...0.6 Nm (M 3)	
13 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
UL/CSA 600 V possible with end plate WAP or W partition plate.	

Type	Qty	Order No.
WTR 4 SL	50	7910270000

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A 60	1758250000	
ZQV 4N/3 GE	32 A 60	1762630000	
ZQV 4N/4 GE	32 A 60	1762620000	
ZQV 4N/10 GE	32 A 20	1758260000	
ZQV 4N/20 GE	32 A 20	1909020000	
<b>Width</b>			
WAP 2.5-10	1.5 mm 50	1050000000	
WAP 2.5-10 SW	1.5 mm 50	1050010000	
WAP 16+35 WTW 2.5-10	1.5 mm 20	1050100000	
WEW 35/2	8 mm 100	1061200000	

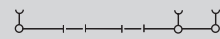
DEK 5/6 / WS 12/6  
Hook-shaped cable lugs 1 - 2.5 mm<sup>2</sup> (black) order no. 9036290000 (100 pcs)

WTR 4 SL STB

4 mm<sup>2</sup>



6.1 x 61.5 x 48.6  
32 / 6  
0.22...6



IEC 60947-7-1

IEC	UL	CSA
500	300	300
32	22	24
4	AWG 22...10	AWG 22...10
6 / 3		
A4 / V-0		

Rated connection	
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...0.6 Nm (M 3)	
13 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
UL/CSA 600 V possible with end plate WAP or WTW partition plate.	

Type	Qty	Order No.
WTR 4 STB SL	50	7910300000

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A 60	1758250000	
ZQV 4N/3 GE	32 A 60	1762630000	
ZQV 4N/4 GE	32 A 60	1762620000	
ZQV 4N/10 GE	32 A 20	1758260000	
ZQV 4N/20 GE	32 A 20	1909020000	
<b>Width</b>			
WAP 2.5-10	1.5 mm 50	1050000000	
WAP 2.5-10 SW	1.5 mm 50	1050010000	
WAP 16+35 WTW 2.5-10	1.5 mm 20	1050100000	
WEW 35/2	8 mm 100	1061200000	

DEK 5/6 / WS 12/6  
Hook-shaped cable lugs 1 - 2.5 mm<sup>2</sup> (black) order no. 9036290000 (100 pcs)



## Terminals with spring-loaded cable clamps

Spring below clamping yoke ensures additional contact stability.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Note	

### Ordering data

Version	Type	Qty	Order No.
Dark beige Wemid	WDU 4 SL/EN	50	9537450000
Dark beige Wemid (combi clip-on feet TS32/25)	WDU 4 SL/EN SW	50	9537510000
Black Wemid (combi clip-on feet TS32/25)			
Note			

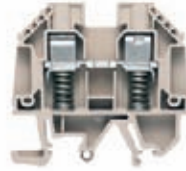
### Accessories

Pluggable cross-connection	
2-pole	ZQV 4N/2 GE
3-pole	ZQV 4N/3 GE
4-pole	ZQV 4N/4 GE
10-pole	ZQV 4N/10 GE
20-/24-pole	ZQV 4N/20 GE
Screwable cross-connection	
2-pole	WQV 4/2
3-pole	WQV 4/3
4-pole	WQV 4/4
10-pole	WQV 4/10
End plate / partition	
Dark beige Wemid	WAP 2.5-10
Black Wemid	WAP 2.5-10 SW
Dark beige Wemid	WAP 16+35 WTW 2.5-10
End bracket	
Dark beige Wemid	WEW 35/2
Testing / Checking	
Standard	WTA 3 WDU4

Marking systems	
(see assortment in catalogue 7)	WS 12/6
Marking tags	Hook-shaped cable lugs 1-2.5mm <sup>2</sup> thin version (order no. 9036300000 (100 pcs.))
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## WDU 4 SL/EN

4 mm<sup>2</sup>



6.1 x 60 x 47	
41 / 6	
0.22...6	

IEC 60947-7-1				Ex e ll Ex ll 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
500	600	300	275	500	150	300	275
32	30	25	28	41	45	45	36
4	AWG 22...10	AWG 22...10	4	6	AWG 20...8	AWG 20...8	6
				6 / 3			
				A4 / V-0			
SIRA 02ATEX3242 U				SIRA 02ATEX3242 U			
Rated connection				Rated connection			
0.5...6 / 1.5...6				0.5...10 / 1.5...10			
0.5...4 / 0.5...4				0.5...6 / 0.5...6			
0.5...1.0 Nm (M 3)				0.8...1.4 Nm (M 3.5)			
15 / 0.6 x 3.5 mm				16 / 4.0 x 0.8 mm			
0.5...1.5				1.5...2.5			
0.5...1.5 / 0.5...1.5				1.5...2.5 / 0.5...2.5			
Note the max. current of the terminal (41 A) when using the cross-connector!				ESI rated data: 500 V/24 A / Note the max. current of the terminal (57 A) when using the cross-connector!			

Type	Qty	Order No.
WDU 4 SL/EN	50	9537450000
WDU 4 SL/EN SW	50	9537510000

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
Width			
WEW 35/2	8 mm	100	1061200000
WTA 3 WDU4	6 mm	25	1632350000

Marking systems	
(see assortment in catalogue 7)	WS 12/6
Marking tags	Hook-shaped cable lugs, wide design 0.25-1.5mm <sup>2</sup> , order no. 9036290000 (100 pcs.); and 1-2.5mm <sup>2</sup> thin version, order no. 9036300000 (100 pcs.)
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## WDU 6 SL/EN

6 mm<sup>2</sup>



7.9 x 60 x 47	
57 / 10	
0.5...10	

IEC 60947-7-1				Ex e ll Ex ll 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
500	600	300	275	500	150	300	275
41	30	25	28	41	45	45	36
6	AWG 20...8	AWG 20...8	6	6	AWG 20...8	AWG 20...8	6
				6 / 3			
				A5 / V-0			
SIRA 02ATEX3242 U				SIRA 02ATEX3242 U			
Rated connection				Rated connection			
0.5...10 / 1.5...10				0.5...10 / 1.5...10			
0.5...6 / 0.5...6				0.5...6 / 0.5...6			
0.8...1.4 Nm (M 3.5)				0.8...1.4 Nm (M 3.5)			
16 / 4.0 x 0.8 mm				16 / 4.0 x 0.8 mm			
1.5...2.5				1.5...2.5			
1.5...2.5 / 0.5...2.5				1.5...2.5 / 0.5...2.5			
Note the max. current of the terminal (57 A) when using the cross-connector!				ESI rated data: 500 V/24 A / Note the max. current of the terminal (57 A) when using the cross-connector!			

Type	Qty	Order No.
WDU 6 SL/EN	50	9537470000
WDU 6 SL/EN SW	50	9537430000

Type	current	Qty	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 SW	1.5 mm	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
Width			
WEW 35/2	8 mm	100	1061200000
WTA 5/1	5 mm	25	1051260000

Marking systems	
(see assortment in catalogue 7)	DEK 5/8 / WS 12/6.5
Marking tags	Hook-shaped cable lugs, wide design 0.25-1.5mm <sup>2</sup> , order no. 9036290000 (100 pcs.); and 1-2.5mm <sup>2</sup> thin version, order no. 9036300000 (100 pcs.)
For detailed information on other accessories and applications, refer to the „Accessories“ section	

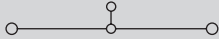


WDU 10 SL/EN

10 mm<sup>2</sup>



9.9 x 56.6 x 47  
76 / 16  
1.31...16



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	150	300	275
57	50	65	50
10	AWG 16...8	AWG 16...8	10
6 / 3			
A6 / V-0			

SIRA 02ATEX3242 U

Rated connection	
1.5...16 / 1.5...16	
1...6 / 1.5...10	
1.2...2.4 Nm (M 4)	
17 / 1.0 x 5.5 mm	
2.5...4	
2.5...4 / 1...4	
ESI rated data: 500 V/36 A / 16 mm <sup>2</sup> stranded connection must be tightened with 2 Nm.	

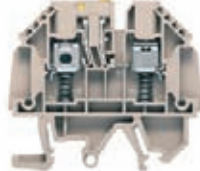
Type	Qty	Order No.
WDU 10 SL/EN	50	9537490000
WDU 10 SL/EN SW	50	9537410000

Type	Qty	Order No.
<b>current</b>		
WQV 10/2	57 A 50	1052560000
WQV 10/3	57 A 50	1054960000
WQV 10/4	57 A 50	1055060000
WQV 10/10	57 A 20	1052460000
<b>Width</b>		
WAP 2.5-10	1.5 mm 50	1050000000
WAP 2.5-10 SW	1.5 mm 50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm 20	1050100000
WEW 35/2	8 mm 100	1061200000
WTA 5/1	5 mm 25	1051260000

DEK 5/5 / WS 12/6,5  
Hook-shaped cable lugs, wide design 0.25-1.5mm<sup>2</sup>, order no. 9036290000 (100 pcs.); and 1-2.5mm<sup>2</sup> thin version, order no. 9036300000 (100 pcs.)

WTR 4 SL/EN

4 mm<sup>2</sup>



6.1 x 61.5 x 48.6  
32 / 6  
0.22...6



IEC 60947-7-1

IEC	UL	CSA
500	300	300
32	22	24
4	AWG 22...10	AWG 22...10
6 / 3		
A4 / V-0		

Rated connection	
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...0.6 Nm (M 3)	
13 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
UL/CSA 600 V possible with end plate WAP or W partition plate.	

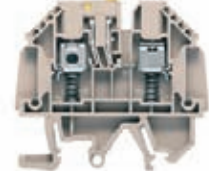
Type	Qty	Order No.
WTR4 SL/EN	50	7910360000
WTR4 SL/EN SW	50	7910380000

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A 60	60	1758250000
ZQV 4N/3 GE	32 A 60	60	1762630000
ZQV 4N/4 GE	32 A 60	60	1762620000
ZQV 4N/10 GE	32 A 20	20	1758260000
ZQV 4N/20 GE	32 A 20	20	1909020000
<b>Width</b>			
WAP 2.5-10	1.5 mm 50	50	1050000000
WAP 2.5-10 SW	1.5 mm 50	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm 20	20	1050100000
WEW 35/2	8 mm 100	100	1061200000

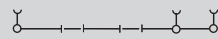
DEK 5/6 / WS 12/6  
Hook-shaped cable lugs 1 - 2.5 mm<sup>2</sup> (black) order no. 9036290000 (100 pcs)

WTR 4 StB SL/EN

4 mm<sup>2</sup>



6.1 x 61.5 x 48.6  
32 / 6  
0.22...6



IEC 60947-7-1

IEC	UL	CSA
500	300	300
32	22	24
4	AWG 22...10	AWG 22...10
6 / 3		
A4 / V-0		

Rated connection	
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...0.6 Nm (M 3)	
13 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
UL/CSA 600 V possible with end plate WAP or WTW partition plate.	

Type	Qty	Order No.
WTR4 SL/EN STB	50	7910390000
WTR4 SL/EN STB SW	50	7910410000

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A 60	60	1758250000
ZQV 4N/3 GE	32 A 60	60	1762630000
ZQV 4N/4 GE	32 A 60	60	1762620000
ZQV 4N/10 GE	32 A 20	20	1758260000
ZQV 4N/20 GE	32 A 20	20	1909020000
<b>Width</b>			
WAP 2.5-10	1.5 mm 50	50	1050000000
WAP 2.5-10 SW	1.5 mm 50	50	1050010000
WAP 16+35 WTW 2.5-10	1.5 mm 20	20	1050100000
WEW 35/2	8 mm 100	100	1061200000

DEK 5/6 / WS 12/6  
Hook-shaped cable lugs 1 - 2.5 mm<sup>2</sup> (black) order no. 9036290000 (100 pcs)

## Terminals with spring-loaded cable clamps

Spring below clamping yoke ensures additional contact stability.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>

Note

### Ordering data

Version
Dark beige Wemid
Dark beige Wemid (combi clip-on feet TS32/25)
Black Wemid (combi clip-on feet TS32/25)

Note

### Accessories

Pluggable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
20-/24-pole	

Screwable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	

End plate / partition	
Dark beige Wemid	
Black Wemid	
Dark beige Wemid	

End bracket	
Dark beige Wemid	

Testing / Checking	
Standard	

Marking systems	
(see assortment in catalogue 7)	
Marking tags	

For detailed information on other accessories and applications, refer to the „Accessories“ section

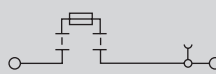
## WTR 4 SI SL

4 mm<sup>2</sup>

With fuse holder



6.1 x 61.5 x 80.5  
6.3 / 6  
0.22...6



IEC 60947-7-1

IEC	UL	CSA
400	300	300
6.3	6.3	6.3
4	AWG 22...10	AWG 22...10
6 / 3		
A4 / V-0		

IEC 60947-7-1

Rated connection	
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
0.5...0.6 Nm (M 3)	
13 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Note

Type	Qty	Order No.
WTR 4 SI SL	25	7910330000

Note

Type	current	Qty	Order No.
ZQV 4N/2 GE	32 A	60	1758250000
ZQV 4N/3 GE	32 A	60	1762630000
ZQV 4N/4 GE	32 A	60	1762620000
ZQV 4N/10 GE	32 A	20	1758260000
ZQV 4N/20 GE	32 A	20	1909020000

Width	
WAP 2.5-10	1.5 mm 50 1050000000
WAP 2.5-10 SW	1.5 mm 50 1050010000
WAP 16+35 WTW 2.5-10	1.5 mm 20 1050100000

Width	
WEW 35/2	8 mm 100 1061200000

Width	
WEW 35/2	8 mm 100 1061200000

Width	
DEK 5/6 / WS 12/6	

Hook-shaped cable lugs 1 - 2.5 mm<sup>2</sup> (black) order no. 9036290000 (100 pcs)

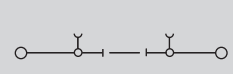
## WTL 6 SL

6 mm<sup>2</sup>

Longitudinal - disconnecter



7.9 x 82.7 x 50.4  
57 / 10  
0.5...10



IEC 60947-7-1

IEC	UL	CSA
500	300	300
41	45	45
6	AWG 20...8	AWG 20...8
6 / 3		
A5 / V-0		

IEC 60947-7-1

Rated connection	
0.5...10 / 1.5...10	
0.5...6 / 0.5...6	
0.8...1.6 Nm (M 3.5)	
16 / 4.0 x 0.8 mm	
1.5...2.5	
1.5...2.5 / 1.5...2.5	

Note
ESI rated data: 500 V/24 A.

Type	Qty	Order No.
WTL 6 SL	50	9538070000

Note

Type	current	Qty	Order No.
QL 2 SAK6N	32 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000

Width	
WTW EN	3 mm 20 1058800000

Width	
WEW 35/2	8 mm 100 1061200000

Width	
WEW 35/2	8 mm 100 1061200000

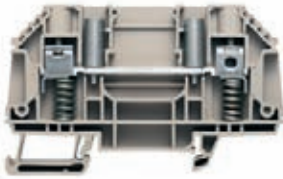
Width	
WS 12/6,5	

Hook-shaped cable lugs 0.25-1.5 mm<sup>2</sup> (black) order no. 9036290000 (100 pcs) / 1-2.5 mm<sup>2</sup> (black) order no. 9036300000 (100 pcs)

WTD 6 SL

6 mm<sup>2</sup>

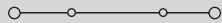
Feed-through



7.9 x 82.7 x 50.4

57 / 10

0.5...10



IEC 60947-7-1

IEC	UL	CSA
500	300	300
41	45	45
6	AWG 20...8	AWG 20...8
	6 / 3	
	A5 / V-0	



Rated connection

0.5...10 / 1.5...10

0.5...6 / 0.5...6

0.8...1.6 Nm (M 3.5)

16 / 4.0 x 0.8 mm

1.5...2.5

1.5...2.5 / 1.5...2.5

ESI rated data: 500 V/24 A.

Type	Qty	Order No.
WTD 6 SL	50	9538090000

Type	Qty	Order No.
<b>current</b>		
QL 2 SAK6N	32 A	50 0194300000
QL 3 SAK6N	57 A	50 0194400000
QL 4 SAK6N	57 A	50 0194500000
QL 10 SAK6N	32 A	20 0338300000
<b>Width</b>		
WTW EN	3 mm	20 1058800000
WEW 35/2	8 mm	100 1061200000

WS 12/6,5

Hook-shaped cable lugs 0.25-1.5 mm<sup>2</sup> (black) order no. 9036290000 (100 pcs) / 1-2.5 mm<sup>2</sup> (black) order no. 9036300000 (100 pcs)

WTL 6 SL/EN

6 mm<sup>2</sup>

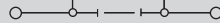
Longitudinal - disconnecter



7.9 x 82.7 x 50.4

57 / 10

0.5...10



IEC 60947-7-1

IEC	UL	CSA
500	300	300
41	45	45
6	AWG 20...8	AWG 20...8
	6 / 3	
	A5 / V-0	



Rated connection

0.5...10 / 1.5...10

0.5...6 / 0.5...6

0.8...1.6 Nm (M 3.5)

16 / 4.0 x 0.8 mm

1.5...2.5

1.5...2.5 / 1.5...2.5

ESI rated data: 500 V/24 A.

Type	Qty	Order No.
WTL 6 SL/EN	50	9538080000
WTL 6 SL/EN SW	50	9538030000

Type	Qty	Order No.
<b>current</b>		
QL 2 SAK6N	32 A	50 0194300000
QL 3 SAK6N	57 A	50 0194400000
QL 4 SAK6N	57 A	50 0194500000
QL 10 SAK6N	32 A	20 0338300000
<b>Width</b>		
WTW EN	3 mm	20 1058800000
WEW 35/2	8 mm	100 1061200000

WS 12/6,5

Hook-shaped cable lugs 0.25-1.5 mm<sup>2</sup> (black) order no. 9036290000 (100 pcs) / 1-2.5 mm<sup>2</sup> (black) order no. 9036300000 (100 pcs)

WTD 6 SL/EN

6 mm<sup>2</sup>

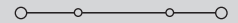
Feed-through



7.9 x 82.7 x 50.4

57 / 10

0.5...10



IEC 60947-7-1

IEC	UL	CSA
500	300	300
41	45	45
6	AWG 20...8	AWG 20...8
	6 / 3	
	A5 / V-0	



Rated connection

0.5...10 / 1.5...10

0.5...6 / 0.5...6

0.8...1.6 Nm (M 3.5)

16 / 4.0 x 0.8 mm

1.5...2.5

1.5...2.5 / 1.5...2.5

ESI rated data: 500 V/24 A.

Type	Qty	Order No.
WTD 6 SL/EN	50	9538100000

Type	Qty	Order No.
<b>current</b>		
QL 2 SAK6N	32 A	50 0194300000
QL 3 SAK6N	57 A	50 0194400000
QL 4 SAK6N	57 A	50 0194500000
QL 10 SAK6N	32 A	20 0338300000
<b>Width</b>		
WTW EN	3 mm	20 1058800000
WEW 35/2	8 mm	100 1061200000

WS 12/6,5

Hook-shaped cable lugs 0.25-1.5 mm<sup>2</sup> (black) order no. 9036290000 (100 pcs) / 1-2.5 mm<sup>2</sup> (black) order no. 9036300000 (100 pcs)

## Initiator and actuator terminals

Time- and space-saving wiring for initiators and actuators. All the connections for initiator and actuator are in one terminal.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/A
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Dark beige Wemid (green LED)
Note	

### Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## DLD 2.5

2.5 mm<sup>2</sup>

### Voltage supply



6.1 x 82.5 x 49
<b>24 / 4</b>
<b>0.13...4</b>

IEC 60947-7-1

IEC	UL	CSA
250	300	300
24	10	10
2.5	AWG 22...12	AWG 26...12
4 / 3		
A3 / V-0		



### Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Type	Qty	Order No.
DLD 2.5 DB	50	<b>1784180000</b>
Blue version order No. 6269250000 (50 pcs)		

Type	current	Qty	Order No.
Q 2 DLI	20 A	50	<b>1312500000</b>
Q 3 DLI	20 A	50	<b>1312600000</b>
Q 4 DLI	20 A	50	<b>1312700000</b>
Q 10 DLI	20 A	20	<b>1313100000</b>
Width			
AP DLD2.5 DB	1.5 mm	20	<b>1784210000</b>
EW 35	8.5 mm	50	<b>0383560000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

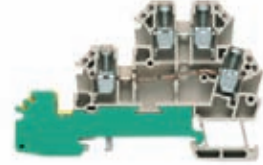
DEK 5/6

Insulation plate TSCH 1 order No. 0319160000 (100 pcs)  
Partial end plate TEAP DLD2.5/PE DB order No. 1783810000 (20 pcs)

## DLD 2.5 PE

2.5 mm<sup>2</sup>

### Lower level earthed



6.1 x 74.5 x 49
<b>17.5 / 4</b>
<b>0.13...4</b>

IEC 60947-7-1

IEC	UL	CSA
250	300	300
17.5	10	10
2.5	AWG 26...12	AWG 26...12
4 / 3		
A3 / V-0		



### Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Type	Qty	Order No.
DLD 2.5/PE DB	50	<b>1783790000</b>

Type	current	Qty	Order No.
Q 2 DLI	20 A	50	<b>1312500000</b>
Q 3 DLI	20 A	50	<b>1312600000</b>
Q 4 DLI	20 A	50	<b>1312700000</b>
Q 10 DLI	20 A	20	<b>1313100000</b>
Width			
AP DLD2.5/PE DB	1.5 mm	20	<b>1783800000</b>
EW 35	8.5 mm	50	<b>0383560000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

DEK 5/6

Insulation plate TSCH 1 order No. 0319160000 (100 pcs)  
Partial end plate TEAP DLD2.5/PE DB order No. 1783810000 (20 pcs)

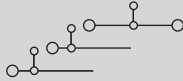
**DLI 2.5**

**2.5 mm<sup>2</sup>**

Initiator connection (signal,+,-)



6.1 x 66 x 49  
26 / 4  
0.13...4



IEC 60947-7-1

IEC	UL	CSA
250	300	300
24	10	10
2.5	AWG 22...12	AWG 26...12
4 / 3		
A3 / V-0		



**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped.

Type	Qty	Order No.
DLI 2.5 DB	100	1783820000

Type	current	Qty	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
Width			
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SD 0.6x3.5x100		1	9008330000

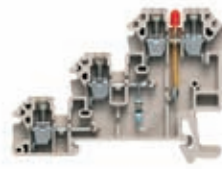
DEK 5/6

Insulation plate TSCH 1 order No. 0319160000 (100 pcs), socket StB 8.5 in upper current bar (in conjunction with test plug PS 2.3).

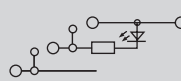
**DLI 2.5 LD PNP**

**2.5 mm<sup>2</sup>**

Initiator connection with LED



6.1 x 66 x 49  
24 / 4  
0.13...4



IEC 60947-7-1

IEC	UL	CSA
30	30	30
24	10	10
2.5	AWG 22...12	AWG 26...12
1 / 3		
A3 / V-0		



30 / 5

**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
7 / 0.6 x 3.5 mm

Type	Qty	Order No.
DLI 2.5/LD-RT/PNP +- DB	100	1783980000
DLI 2.5/LD-GN/PNP +- DB	100	1783970000

Type	current	Qty	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
Width			
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SD 0.6x3.5x100		1	9008330000

DEK 5/6

Insulation plate TSCH 1 order No. 0319160000 (100 pcs)

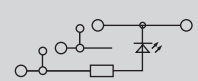
**DLI 2.5 LD NPN**

**2.5 mm<sup>2</sup>**

Initiator connection with LED



6.1 x 66 x 49  
24 / 4  
0.13...4



IEC 60947-7-1

IEC	UL	CSA
30	30	30
24	10	10
2.5	AWG 22...12	AWG 26...12
1 / 3		
A3 / V-0		



30 / 5

**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
7 / 0.6 x 3.5 mm

Type	Qty	Order No.
DLI 2.5/LD-RT/NPN +- DB	100	1783950000
DLI 2.5/LD-GN/NPN +- DB	100	1783940000

Type	current	Qty	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
Width			
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SD 0.6x3.5x100		1	9008330000

DEK 5/6

Insulation plate TSCH 1 order No. 0319160000 (100 pcs)

## Initiator and actuator terminals

Time- and space-saving wiring for initiators and actuators. All the connections for initiator and actuator are in one terminal.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/A
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Dark beige Wemid (green LED)
Note	

### Accessories

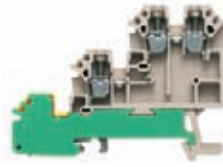
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard

<b>Marking systems</b>	(see assortment in catalogue 7)
	Marking tags
<b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b>	

## DLA 2.5

2.5 mm<sup>2</sup>

### Actuator connection (signal,-,PE)



6.1 x 65 x 49	
<b>26 / 4</b>	
<b>0.13...4</b>	

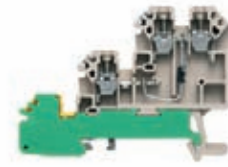
IEC 60947-7-1 (-7-2)

IEC	UL	CSA
250	300	300
17.5	10	10
2.5	AWG 22...12	AWG 26...12
4 / 3		
A3 / V-0		
1000 / 1		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm (M 2.5)		
7 / 0.6 x 3.5 mm		
Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.		

## DLA 2.5/D

2.5 mm<sup>2</sup>

### Actuator connection (circuit with diode)



6.1 x 66 x 49	
<b>17.5 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA
250	300	300
17.5	10	10
2.5	AWG 22...12	AWG 26...12
4 / 3		
A3 / V-0		
1000 / 1		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm (M 2.5)		
7 / 0.6 x 3.5 mm		
Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.		

Type	Qty	Order No.
DLA 2.5 DB	100	1783560000

Type	current	Qty	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
Width			
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SD 0.6x3.5x100		1	9008330000

Type	Qty	Order No.
DLA 2.5/D DB	100	1783590000

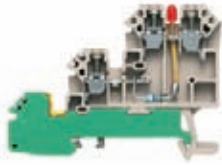
Type	current	Qty	Order No.
Q 2 DLI	20 A	50	1312500000
Q 3 DLI	20 A	50	1312600000
Q 4 DLI	20 A	50	1312700000
Q 10 DLI	20 A	20	1313100000
Width			
AP DLI2.5 DB	1.5 mm	20	1783550000
EW 35	8.5 mm	50	0383560000
SD 0.6x3.5x100		1	9008330000

<b>Marking systems</b>	(see assortment in catalogue 7)
	Marking tags
<b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b>	

**DLA 2.5/LD**

**2.5 mm<sup>2</sup>**

**Actuator connection with LED**



6.1 x 66 x 49  
**17.5 / 4**  
**0.13...4**



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
30	30	30
17.5	10	10
2.5	AWG 22...12	AWG 26...12
1 / 3		
A3 / V-0		



30 / 5

**Rated connection**

0.5...4 / 1.5...4  
 0.5...4 / 0.5...2.5  
 0.4...0.6 Nm (M 2.5)  
 7 / 0.6 x 3.5 mm

Type	Qty	Order No.
DLA 2.5/LD-RT DB	100	<b>1783600000</b>

Type	current	Qty	Order No.
Q 2 DLI	20 A	50	<b>1312500000</b>
Q 3 DLI	20 A	50	<b>1312600000</b>
Q 4 DLI	20 A	50	<b>1312700000</b>
Q 10 DLI	20 A	20	<b>1313100000</b>
<b>Width</b>			
AP DLI2.5 DB	1.5 mm	20	<b>1783550000</b>
EW 35	8.5 mm	50	<b>0383560000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

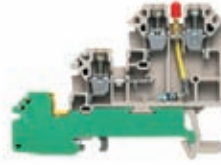
DEK 5/6

Insulation plate TSCH 1 order No. 0319160000 (100 pcs)

**DLA 2.5/LD/D**

**2.5 mm<sup>2</sup>**

**Actuator connection with LED**



6.1 x 66 x 49  
**17.5 / 4**  
**0.13...4**



IEC 60947-7-1 (-7-2)

IEC	UL	CSA
30	30	30
17.5	10	10
2.5	AWG 22...12	AWG 26...12
1 / 3		
A3 / V-0		



1000 / 1

30 / 5

**Rated connection**

0.5...4 / 1.5...4  
 0.5...4 / 0.5...2.5  
 0.4...0.6 Nm (M 2.5)  
 7 / 0.6 x 3.5 mm

Type	Qty	Order No.
DLA 2.5/LD-GN/D DB	100	<b>1783630000</b>

Type	current	Qty	Order No.
Q 2 DLI	20 A	50	<b>1312500000</b>
Q 3 DLI	20 A	50	<b>1312600000</b>
Q 4 DLI	20 A	50	<b>1312700000</b>
Q 10 DLI	20 A	20	<b>1313100000</b>
<b>Width</b>			
AP DLI2.5 DB	1.5 mm	20	<b>1783550000</b>
EW 35	8.5 mm	50	<b>0383560000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

DEK 5/6

Insulation plate TSCH 1 order No. 0319160000 (100 pcs)



## Motor-connection terminal

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
Note	

### Accessories

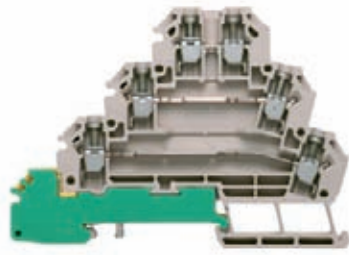
End plate / partition	
	Dark beige PA
End bracket	
	Dark beige Wemid
Screwdriver	
	Standard

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## MAK 2.5

2.5 mm<sup>2</sup>



6.2 x 88 x 64	
<b>31 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA
500	300	300
24	10	10
2.5	AWG 26...12	AWG 26...12
6 / 3		
A3 / V-0		



Rated connection	
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
8 / 0.6 x 3.5 mm	

With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V.

Type	Qty	Order No.
MAK 2.5	50	1615270000

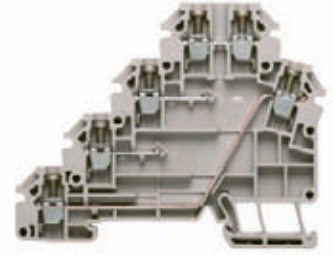
Type	Width	Qty	Order No.
AP MAK2.5 DB	1.5 mm	20	7917000000
WEW 35/1	12 mm	50	1059000000
SDI 0,6x3,5x100		1	9008390000

DEK 5/5

VQB 1.5/50, see chapter „Accessories“

## VLI 1.5

1.5 mm<sup>2</sup>



6.2 x 69 x 64	
<b>24 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA
250	300	300
17.5	10	10
1.5	AWG 26...12	AWG 26...12
4 / 3		
A3 / V2		



Rated connection	
0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
8 / 0.6 x 3.5 mm	

Type	Qty	Order No.
VLI 1.5	50	1633250000

Type	Width	Qty	Order No.
AP VLI1.5 DB		20	1784150000
WEW 35/1	12 mm	50	1059000000
SDI 0,6x3,5x100		1	9008390000

DEK 5/5

VQB 1.5/50, see chapter „Accessories“



## Plug-in modular terminals

### Spade connection

Terminals with cable-lugs acc. to EN 61210 / VDE 0613-6.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>



### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Note	

### Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

### Accessories

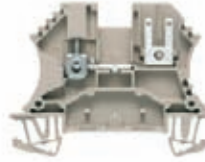
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Cover	
	With lightning flash symbol
	blank

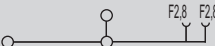
Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	


### WDU 2.5 F

2.5 mm<sup>2</sup>

#### Spade connection right



5.1 x 60 x 47	
12 / 4	
0.13...4	

IEC 60947-7-1 / IEC 61210		
IEC	UL	CSA
500	300	300
12	10	10
2.5	AWG 26...12	AWG 26...12
6 / 3		
A3 / V-0		
		
Rated connection		Further connection
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		0.5...1 / 0.5...2.5
0.4...0.8 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm <sup>2</sup> conductor.		

Type	Qty	Order No.
WDU 2.5 F 2X2.8	100	1021800000
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
WEW 35/2			
	8 mm	100	1061200000
WAD 4 GE BED			
	4 mm	50	1072000000
WAD 4 WS			
	4 mm	50	1072100000

Type	current	Qty	Order No.
DEK 5/5 / WS 12/5			
Insulating sleeve for spade connector, 2.8 mm, order No. 0386060000			


### WDU 2.5 FF 2\*2.8

1 mm<sup>2</sup>

#### Spade connection left and right



5.1 x 60 x 47	
12 / 1	
0.13...1	

IEC 60947-7-1 / IEC 61210		
IEC	UL	CSA
500	300	300
12	10	10
1	AWG 22...12	AWG 26...12
6 / 3		
/ V-0		
		
Rated connection		Further connection
0.5...4		
1...1 / 0.5...2.5		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm <sup>2</sup> conductor.		

Type	Qty	Order No.
WDU 2.5 FF 2X2.8	100	1021900000
Technical data relates to 2.8 mm spade connectors with 1 mm <sup>2</sup> conductor.		

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
WEW 35/2			
	8 mm	100	1061200000
WAD 4 GE BED			
	4 mm	50	1072000000
WAD 4 WS			
	4 mm	50	1072100000

Type	current	Qty	Order No.
DEK 5/5 / WS 12/5			
Insulating sleeve for spade connector, 2.8 mm, order No. 0386060000			

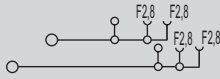
**WDK 2.5 F**

**2.5 mm<sup>2</sup>**

Spade connection right



5.1 x 69.5 x 63  
**12 / 4**  
**0.13...4**



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
400	300	300
12	10	10
2.5	AWG 22...12	AWG 26...12
6 / 3		
A3 / V-0		

Rated connection		Further connection
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		1...1
0.4...0.6 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm <sup>2</sup> conductor.		

Type	Qty	Order No.
WDK 2.5 F	100	<b>1021600000</b>
WDK 2.5 F BL	100	<b>1021680000</b>
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	<b>1053660000</b>
WQV 2.5/3	32 A	50	<b>1053760000</b>
WQV 2.5/4	32 A	50	<b>1053860000</b>
WQV 2.5/10	32 A	20	<b>1054460000</b>
Width			
WAP WDK2.5	1.5 mm	20	<b>1059100000</b>
WAP WDK2.5 BL	1.5 mm	20	<b>1059180000</b>
WTW EN	3 mm	20	<b>1058800000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
WAD 4 GE BED	4 mm	50	<b>1072000000</b>
WAD 4 WS	4 mm	50	<b>1072100000</b>

DEK 5/5 / WS 8/5  
 Insulating sleeve for spade connector, 2.8 mm, order No. 0386060000

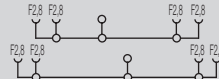
**WDK 2.5 FF**

**1 mm<sup>2</sup>**

Spade connection left and right



5.1 x 75.5 x 63  
**12 / 1**  
**0.13...1**



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
400	300	300
12	10	10
1	AWG 22...12	AWG 26...12
6 / 3		
/ V-0		

Rated connection		Further connection
0.5...4		
1...1		
With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm <sup>2</sup> conductor.		

Type	Qty	Order No.
WDK 2.5 FF	100	<b>1021700000</b>

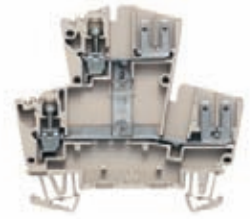
Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	<b>1053660000</b>
WQV 2.5/3	32 A	50	<b>1053760000</b>
WQV 2.5/4	32 A	50	<b>1053860000</b>
WQV 2.5/10	32 A	20	<b>1054460000</b>
Width			
WAP WDK2.5	1.5 mm	20	<b>1059100000</b>
WAP WDK2.5 BL	1.5 mm	20	<b>1059180000</b>
WTW EN	3 mm	20	<b>1058800000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
WAD 4 GE BED	4 mm	50	<b>1072000000</b>
WAD 4 WS	4 mm	50	<b>1072100000</b>

DEK 5/5 / WS 8/5  
 Insulating sleeve for spade connector, 2.8 mm, order No. 0386060000

**WDK 2.5 FV**

**2.5 mm<sup>2</sup>**

Spade connection right, both levels at one potential



5.1 x 69.5 x 63  
**12 / 4**  
**0.13...4**



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
400	300	300
12	10	10
2.5	AWG 22...12	AWG 26...12
6 / 3		
A3 / V-0		

Rated connection		Further connection
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		1...1 / 0.5...2.5
0.4...0.6 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm <sup>2</sup> conductor.		

Type	Qty	Order No.
WDK 2.5 FV	100	<b>1022400000</b>
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	<b>1053660000</b>
WQV 2.5/3	32 A	50	<b>1053760000</b>
WQV 2.5/4	32 A	50	<b>1053860000</b>
WQV 2.5/10	32 A	20	<b>1054460000</b>
Width			
WAP WDK2.5	1.5 mm	20	<b>1059100000</b>
WAP WDK2.5 BL	1.5 mm	20	<b>1059180000</b>
WTW EN	3 mm	20	<b>1058800000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
WAD 4 GE BED	4 mm	50	<b>1072000000</b>
WAD 4 WS	4 mm	50	<b>1072100000</b>

DEK 5/5 / WS 8/5  
 Insulating sleeve for spade connector, 2.8 mm, order No. 0386060000

## Plug-in modular terminals

### Plug-in connection

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

#### Clamped conductors (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

#### 2 conductors with same cross-section (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>

#### Note

### Ordering data

Version
Dark beige Wemid

#### Note

### Accessories

#### Screwable cross-connection



2-pole
3-pole
4-pole
10-pole

#### End plate / partition

With assembly peg
Without peg

#### Mounting block for socket connector

With assembly peg
Without peg

#### Socket blocks

4-pole
6-pole
8-pole
(with lateral dovetail) 4-pole
(with lateral dovetail) 6-pole
(with lateral dovetail) 8-pole

#### Miscellaneous accessories

Cover for unused pins
Coding element

#### Marking systems

(see assortment in catalogue 7)

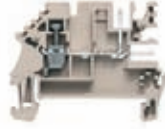
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

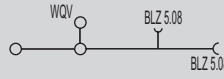
### WDU 1.5 BLZ 5.08 WQV

1.5 mm<sup>2</sup>

#### Screwable cross-connection



5.1 x 49 x 37.5
16 / 4
0.13...4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
250	300	300
16	20	10
1.5	AWG 26...16	AWG 26...16
4 / 3		
A3 / V-0		



#### Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm

#### Plug-in connection

0.5...2.5 / 1.5...2.5
0.5...2.5 / 0.5...2.5

0.5...1.5

0.5...1.5 / 0.5...1.5

Size with BLZ socket connector: length 57.5 mm / height 50 mm

Type	Qty	Order No.
WDU 1.5/BLZ 5.08	100	1577340000

WDU 1.5 BLA order no. 1577260000 (100 pcs.). Techn. data same as WDU 1.5 BLZ.

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000

#### Width

WAP WDU1.5/BLZ/ZA	2.5 mm	50	1577320000
WAP WDU1.5/BLZ	2.5 mm	50	1577330000

WBB ZA WDU1.5/BL 10/10	10	1068260000
WBB WDU1.5/BL...	10	1068160000

BLZ 5.08/4 SN OR	100	1526660000
BLZ 5.08/6 SN OR	50	1526860000
BLZ 5.08/8 SN OR	50	1527060000
BLZ 5.08/4B SN OR	100	1528960000
BLZ 5.08/6B SN OR	50	1529160000
BLZ 5.08/8B SN OR	50	1529360000

WAD WDU1.5/BL	20	1577400000
BLZ-KO SW	50	1545710000

DEK 5/5 / WS 12/5

2.5 mm<sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

### WDU 1.5 BLZ 5.08 ZQV

1.5 mm<sup>2</sup>

#### Plug-in cross-connection



5.1 x 49 x 37.5
16 / 4
0.13...4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
250	300	300
16	20	10
1.5	AWG 26...16	AWG 26...16
4 / 3		
A3 / V-0		



#### Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm

#### Plug-in connection

0.5...2.5 / 1.5...2.5
0.5...2.5 / 0.5...2.5

0.5...1.5

0.5...1.5 / 0.5...1.5

Size with BLZ socket connector: length 57.5 mm / height 50 mm

Type	Qty	Order No.
WDU 1.5/ZQV/BLZ 5.08	100	1784460000

Type	Qty	Order No.

#### Width

WAP WDU1.5/BLZ/ZA	2.5 mm	50	1577320000
WAP WDU1.5/BLZ	2.5 mm	50	1577330000

WBB ZA WDU1.5/BL 10/10	10	1068260000
WBB WDU1.5/BL...	10	1068160000

BLZ 5.08/4 SN OR	100	1526660000
BLZ 5.08/6 SN OR	50	1526860000
BLZ 5.08/8 SN OR	50	1527060000
BLZ 5.08/4B SN OR	100	1528960000
BLZ 5.08/6B SN OR	50	1529160000
BLZ 5.08/8B SN OR	50	1529360000

WAD WDU1.5/BL	20	1577400000
BLZ-KO SW	50	1545710000

DEK 5/5 / WS 12/5

2.5 mm<sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

**WDK 2.5 BLZ/5.08**

**2.5 mm<sup>2</sup>**

**Double terminal pitch 5.08**



5.1 x 58 x 53  
**18 / 4**  
**0.13...4**



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
250	300	300
16.5	10	24
2.5	AWG 22...12	AWG 26...10
4 / 3		
A3 / V-0		



Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	0.5...2.5 / 1.5...2.5
0.5...4 / 0.5...2.5	0.5...2.5 / 0.5...2.5
0.4...0.8 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
Size with BLZ socket connector: length 58 mm / height 63.5 mm	

Type	Qty	Order No.
WDK 2.5/BLZ/5.08/ZA	100	<b>1034400000</b>
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	Qty	Order No.
<b>Width</b>		
WAP WDK2.5/BLZ/M.ZA	20	<b>1070100000</b>
WAP WDK2.5/BLZ/O.ZA	20	<b>1070000000</b>
WBB ZA WDK2.5/BL5.08	10	<b>1072760000</b>
WBB WDK2.5/BL5.08	10	<b>1072660000</b>
BLZ 5.08/4 SN OR	100	<b>1526660000</b>
BLZ 5.08/6 SN OR	50	<b>1526860000</b>
BLZ 5.08/8 SN OR	50	<b>1527060000</b>
BLZ 5.08/4B SN OR	100	<b>1528960000</b>
BLZ 5.08/6B SN OR	50	<b>1529160000</b>
BLZ 5.08/8B SN OR	50	<b>1529360000</b>
WAD WDU1.5/BL	20	<b>1577400000</b>
BLZ-KO SW	50	<b>1545710000</b>

DEK 5/5 / WS 8/5

For external cross-connection WQB A, see section W-series accessories „Electrical distribution“.

**WDU 2.5 BLZ/7.62**

**2.5 mm<sup>2</sup>**

**Pitch 7.62**



7.6 x 49 x 37.5  
**24 / 4**  
**0.13...4**



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
400		
21.5		
2.5		
6 / 3		
A3 / V-0		



Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	0.5...2.5 / 1.5...2.5
0.5...4 / 0.5...2.5	0.5...2.5 / 0.5...2.5
0.4...0.8 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
Size with BLZ socket connector: length 57.5 mm / height 50 mm	

Type	Qty	Order No.
WDU 2.5/BLZ/7.62	100	<b>1038900000</b>
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	Qty	Order No.
<b>Width</b>		
WAP WDU1.5/BLZ/ZA	2.5 mm	50 <b>1577320000</b>
WAP WDU1.5/BLZ	2.5 mm	50 <b>1577330000</b>
WBB ZA WDU2.5/BLZ7.62	10	<b>1073600000</b>
WBB WDU2.5/BLZ7.62	10	<b>1073500000</b>
BLZ 7.62/4 SN OR	100	<b>1623070000</b>
BLZ 7.62/6 SN OR	50	<b>1623090000</b>
BLZ 7.62/8 SN OR	40	<b>1623110000</b>
WAD WDU1.5/BL	20	<b>1577400000</b>
BLZ-KO SW	50	<b>1545710000</b>

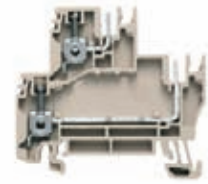
DEK 5/5 / WS 12/6,5

For external cross-connection WQB A, see section W-series accessories „Electrical distribution“.

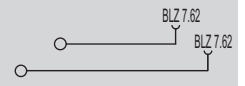
**WDK 2.5 BLZ/7.62**

**2.5 mm<sup>2</sup>**

**Double terminal pitch 7.62**



7.6 x 58 x 53  
**20 / 4**  
**0.13...4**



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
400		
18.5		
2.5		
6 / 3		
A3 / V-0		



Rated connection	Plug-in connection
0.5...4 / 1.5...4	0.5...2.5 / 1.5...2.5
0.5...4 / 0.5...2.5	0.5...2.5 / 0.5...2.5
0.4...0.8 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
Size with BLZ socket connector: length 58 mm / height 63.5 mm	

Type	Qty	Order No.
WDK 2.5 BLZ/7.62/ZA	50	<b>1038500000</b>
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	Qty	Order No.
<b>Width</b>		
WAP WDK2.5/BLZ/M.ZA	5.1 mm	20 <b>1070100000</b>
WAP WDK2.5/BLZ/O.ZA	5.1 mm	20 <b>1070000000</b>
WBB ZA WDK2.5/BLZ7.62	10	<b>1072960000</b>
WBB WDK2.5/BLZ7.62	10	<b>1072860000</b>
BLZ 7.62/4 SN OR	100	<b>1623070000</b>
BLZ 7.62/6 SN OR	50	<b>1623090000</b>
BLZ 7.62/8 SN OR	40	<b>1623110000</b>
BLZ 7.62/4B SN OR	100	<b>1623400000</b>
BLZ 7.62/6B SN OR	50	<b>1623420000</b>
BLZ 7.62/8B SN OR	40	<b>1623440000</b>
WAD WDU1.5/BL	20	<b>1577400000</b>
BLZ-KO SW	50	<b>1545710000</b>

DEK 5/5 / WS 12/6,5

For external cross-connection WQB A, see section W-series accessories „Electrical distribution“.





Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

**Clamped conductors (H05V/H07V)**

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

**2 conductors with same cross-section (H05V/H07V)**

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>

**Note**

**Ordering data**

Version	Dark beige Wemid
---------	------------------

**Note**

**Accessories**

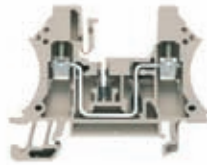
<b>Intermediate frame</b>	Thickness 2,5 mm
<b>Busbar</b>	1 m

<b>Marking systems</b>	(see assortment in catalogue 7) Marking tags
------------------------	-------------------------------------------------

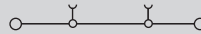
For detailed information on other accessories and applications, refer to the „Accessories“ section

**WPO 4**

**4 mm<sup>2</sup>**



6 x 60 x 47
<b>32 / 4</b>
<b>0.13...4</b>



IEC 60947-7-1

IEC	UL	CSA
250	300	300
32	10	10
4	AWG 26...12	AWG 26...12
	4 / 3	
	A3 / V-0	



**Rated connection**

0.5...4
0.5...4 / 0.5...2.5 / 0.5...4
0.5...1.0 Nm (M 3)
8 / 0.6 x 3.5 mm

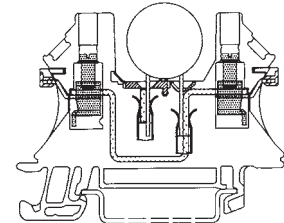
0.5...1.5
0.5...1.5

The tightening torque is 2 Nm when connecting two conductors.

Type	Qty	Order No.
WPO 4	50	103600000

Type	Width	Qty	Order No.
ZR WPO4 DB		20	107110000
SSCH 7.3X1.2X1000	7.3 mm	1	107120000

**WPO 4 with varistor**



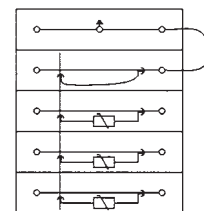
Weidmüller varistor terminals have been designed for the retrofitting of electronic components, e.g. varistors, diodes, gas discharge tubes, etc. These “electronic terminals” no longer have to be configured prior to installation for subsequent delivery with soldered components which can no longer be distinguished.

The significant advantages of this design are:

- **Cost saving:**  
Components can be changed quickly on site. Service requires only a visual inspection.
- **Clarity:**  
Components are easy to distinguish.
- **Flexibility:**  
Components can immediately be adapted to changed conditions.

**Note:**

Never change electronic components in energised systems!



Overvoltages in a 3-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

## Terminals with electronic components

Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

<b>Rated data</b>	
Rated cross-section	mm <sup>2</sup>
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

#### Note

### Ordering data

<b>Version</b>	
	10 Ω
	500 Ω
	1 kΩ
	5 kΩ
	50 kΩ
	2 MΩ

#### Note

### Accessories

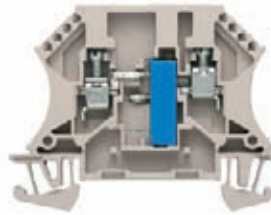
<b>End plate / partition</b>	
	Dark beige Wemid
	Dark beige Wemid
<b>End bracket</b>	
	Dark beige Wemid
	Dark beige Wemid
<b>Screwdriver</b>	
	with „swifty set“ cutting device
	Standard
<b>Shield bus</b>	

**Marking systems** (see assortment in catalogue 7)  
Marking tags

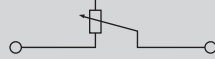
**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## WDUL 4/...

4 mm<sup>2</sup>



6.5 x 60 x 47  
/ 6  
0.13...6



IEC 60947- 7- 1

IEC	UL	CSA
4		
	A4 / V-0	



#### Rated connection

0.5...6
0.5...4 / 0.5...2.5
0.6...0.8 Nm (M 3)
9 / 0.6 x 3.5 mm

Type	Qty	Order No.
WDUL 4/10	10	1027000000
WDUL 4/500	10	1027400000
WDUL 4/1K	10	1027500000
WDUL 4/5K	10	1027600000
WDUL 4/50K	10	1027800000
WDUL 4/500K	10	1028000000

Type	Width	Qty	Order No.
WAP 2.5-10	1.5 mm	50	1050000000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WEW 35/2	8 mm	100	1061200000
EW 35	8.5 mm	50	0383560000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
LS 2.8 WDU2.5-10		100	1056400000

### Technical data for the 30-Ω compensating resistor

Resistor material: "Cermet"  
Resistor setting range: 0...30 Ω  
Wave form: linear

Temperature coefficient: 100 ppm/°C

Mechanical lifespan: 200 operations without permissible deviations, across the entire resistance range

Resistance change per spindle turn: ≈ 1,2 Ω

Rated output for total resistance: 1 watt at 70 °C

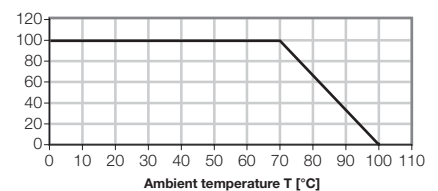
Rated current: 120 mA

Ambient temperature: -55 °C to +70 °C

Ingress (seal) protection:

- 1) Leak tested in water at 70 °C without bubble formation
- 2) Storage in SFW 2.0 S, acc. to DIN 50018, 9 cycles

### Capacity expressed in % of rated load



Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/A
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

**Ordering data**

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Dark beige Wemid (green LED)
Note	

**Accessories**

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	with „swifty set“ cutting device
	Standard

Marking systems	
	(see assortment in catalogue 7)
	Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

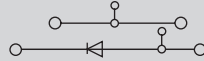
**WDK 2.5/D**

2.5 mm<sup>2</sup>

**Reverse polarity protection**



5.1 x 69 x 63	
10 / 4	
0.05...4	



IEC 60947-7-1		
IEC	UL	CSA
400	300	300
10	10	10
2.5	AWG 30...12	AWG 26...12
6 / 3		
A3 / V-0		
1000 / 1		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
Rated current is 10 A for continuous busbars only. Diode 1 N 4007		

Type	Qty	Order No.
WDK 2.5 1D	25	8025610000
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 8/5
------------------

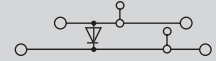
**WDK 2.5/D/1**

2.5 mm<sup>2</sup>

**Suppression circuit e. g. for contactor**



5.1 x 69 x 63	
10 / 4	
0.05...4	



IEC 60947-7-1		
IEC	UL	CSA
400	300	300
10	10	10
2.5	AWG 30...12	AWG 26...12
6 / 3		
A3 / V-0		
1000 / 1		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
Rated current is 10 A for continuous busbars only. Diode 1 N 4007		

Type	Qty	Order No.
WDK 2.5 1D A.1	25	1023400000
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 8/5
------------------

## Terminals with electronic components

Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/A
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Dark beige Wemid (green LED)
Note	

### Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	with „swifty set“ cutting device
	Standard

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## WDK 2.5/D/2

2.5 mm<sup>2</sup>

### Suppression circuit e. g. for contactor



5.1 x 69 x 63  
10 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
400	300	300
10	10	10
2.5	AWG 30...12	AWG 26...12
6 / 3		
A3 / V-0		
1000 / 1		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
Rated current is 10 A for continuous busbars only. Diode 1 N 4007		

Type	Qty	Order No.
WDK 2.5 1D A.2	25	1023300000
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000

Marking systems	(see assortment in catalogue 7)
	DEK 5/5 / WS 8/5
For detailed information on other accessories and applications, refer to the „Accessories“ section	

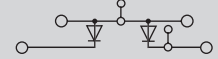
## WDK 2.5/D/4

2.5 mm<sup>2</sup>

### Lamp test circuits



5.1 x 69 x 63  
10 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
400	300	300
10	10	10
2.5	AWG 30...12	AWG 26...12
6 / 3		
A3 / V-0		
1000 / 1		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
Rated current is 10 A for continuous busbars only. Diode 1 N 4007		

Type	Qty	Order No.
WDK 2.5 2D	25	8014670000
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000

Marking systems	(see assortment in catalogue 7)
	DEK 5/5 / WS 8/5
For detailed information on other accessories and applications, refer to the „Accessories“ section	

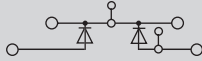
**WDK 2.5/D/5**

**2.5 mm<sup>2</sup>**

**Lamp test circuits**



5.1 x 69 x 63  
10 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
400	300	300
10	10	10
2.5	AWG 30...12	AWG 26...12
6 / 3		
A3 / V-0		



1000 / 1

**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only. **Diode 1 N 4007**

Type	Qty	Order No.
WDK 2.5 2D	25	1022600000

2.5 mm<sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
<b>Width</b>			
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 8/5

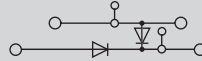
**WDK 2.5/D/6**

**2.5 mm<sup>2</sup>**

**Lamp test circuits**



5.1 x 69 x 63  
10 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
400	300	300
10	10	10
2.5	AWG 30...12	AWG 26...12
6 / 3		
A3 / V-0		



1000 / 1

**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only.

Type	Qty	Order No.
WDK 2.5 2D	25	1023500000

2.5 mm<sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
<b>Width</b>			
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 8/5

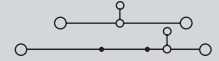
**WDK 2.5E w/o elec.**

**2.5 mm<sup>2</sup>**

**For installing electronic components**



5.1 x 69 x 63  
10 / 4  
0.05...4



IEC 60947-7-1

IEC	UL	CSA
400		
10		
2.5		
6 / 3		
A3 / V-0		



1000 / 1

**Rated connection**

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only.

Type	Qty	Order No.
WDK 2.5/D	100	1023200000

2.5 mm<sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
<b>Width</b>			
WAP WDK2.5	1.5 mm	20	1059100000
WEW 35/2	8 mm	100	1061200000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000

DEK 5/5 / WS 8/5

## Terminals with electronic components

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fixtures	
Component voltage / Component current	V/A
Operating voltage for display, max. / Current	V/mA
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

## Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid (red LED)
	Dark beige Wemid (green LED)
Note	

## Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid
Screwdriver	
	with „swifty set“ cutting device
	Standard

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## WDK 2.5 LD + -

2.5 mm<sup>2</sup>

DC voltage indicator + / -



5.1 x 69 x 63	
<b>10 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1

IEC	UL	CSA
24		
10		
2.5		
	1 / 3	
	A3 / V-0	
24 / 5		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
Note		

Type	Qty	Order No.
WDK 2.5 LD ROT 1R 24VDC	25	<b>1023600000</b>
WDK 2.5 LD GR 1R 24VDC	25	<b>8023610000</b>
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	<b>1053660000</b>
WQV 2.5/3	32 A	50	<b>1053760000</b>
WQV 2.5/4	32 A	50	<b>1053860000</b>
WQV 2.5/10	32 A	20	<b>1054460000</b>
Width			
WAP WDK2.5	1.5 mm	20	<b>1059100000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
SWIFTY SET			
SWIFTY SET		1	<b>9006060000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

Marking systems	(see assortment in catalogue 7)
	DEK 5/5 / WS 8/5
For detailed information on other accessories and applications, refer to the „Accessories“ section	

## WDK 2.5 LD - +

2.5 mm<sup>2</sup>

DC voltage indicator - / +



5.1 x 69 x 63	
<b>10 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1

IEC	UL	CSA
24		
10		
2.5		
	1 / 3	
	A3 / V-0	
24 / 5		
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		
0.4...0.6 Nm		
10 / 0.6 x 3.5 mm		
Note		

Type	Qty	Order No.
WDK 2.5 LD ROT 1R 24VDC	25	<b>8023630000</b>
WDK 2.5 LD GR 1R 24VDC	25	<b>8010040000</b>
2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	<b>1053660000</b>
WQV 2.5/3	32 A	50	<b>1053760000</b>
WQV 2.5/4	32 A	50	<b>1053860000</b>
WQV 2.5/10	32 A	20	<b>1054460000</b>
Width			
WAP WDK2.5	1.5 mm	20	<b>1059100000</b>
WEW 35/2	8 mm	100	<b>1061200000</b>
SWIFTY SET			
SWIFTY SET		1	<b>9006060000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>

Marking systems	(see assortment in catalogue 7)
	DEK 5/5 / WS 8/5
For detailed information on other accessories and applications, refer to the „Accessories“ section	





## Power distribution blocks WPDB

- Space-saving design
- Modular or 3-phase block versions
- Easy to use
- IP20 class of protection
- For TS 35 rail or direct mounting
- High short-circuit protection
- Parallel cross-connection with 5 x 15 mm busbar

## WPDB 16/6 3/4

16/6 mm<sup>2</sup>

## WPDB 35-16/16 1-1/6

35/6 mm<sup>2</sup>

## Technical data

<b>Max. current</b>	
80 A	
<b>Dimensions</b>	
Width / Length (incl. mounting) / Height (mm) with TS 35x7.5	
27 x 37 (66) x 47	
Weight	
63 g	
<b>IEC rated 60 947-7-1</b>	
Rated voltage	V
Rated current	A
Rated cross-section in-/output	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	2,5 KV / 3
UL94 Flammability Class	V-0
<b>Further technical data</b>	
Short-circuit strength (peak value)	kA
Short-circuit strength > 1 s	kA
<b>Inputs</b>	
No. of connections	
1	
Clampable conductors:	
„e“ solid H07V-U	mm <sup>2</sup>
„m“ stranded H07V-R	mm <sup>2</sup>
„f“ flexible H07V-K	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule with plastic insul. Collar	mm <sup>2</sup>
Diameter	mm
Tightening torque	Nm
Clamping screw	M5
Blade size	PZ2
Stripping length	mm
<b>Outputs</b>	
No. of connections	
2	
Clampable conductors:	
„e“ solid H07V-U	mm <sup>2</sup>
„m“ stranded H07V-R	mm <sup>2</sup>
„f“ flexible H07V-K	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule with plastic insul. Collar	mm <sup>2</sup>
Diameter	mm
Tightening torque	Nm
Clamping screw	M5
Blade size	PZ2
Stripping length	mm
<b>UL/CSA rated data</b>	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

<b>Inputs</b>		
<b>A</b>	<b>B</b>	<b>C</b>
1		
Clampable conductors:		
„e“ solid H07V-U	mm <sup>2</sup>	2,5 ... 16
„m“ stranded H07V-R	mm <sup>2</sup>	2,5 ... 16
„f“ flexible H07V-K	mm <sup>2</sup>	2,5 ... 16
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	2,5 ... 16
„f“ flexible H07V-K and ferrule with plastic insul. Collar	mm <sup>2</sup>	2,5 ... 16
Diameter	mm	7
Tightening torque	Nm	1,5 ... 3
Clamping screw		M5
Blade size		PZ2
Stripping length	mm	12 ... 18
<b>Outputs</b>		
<b>A</b>	<b>B</b>	<b>C</b>
2	4	
Clampable conductors:		
„e“ solid H07V-U	mm <sup>2</sup>	2,5 ... 16
„m“ stranded H07V-R	mm <sup>2</sup>	2,5 ... 16
„f“ flexible H07V-K	mm <sup>2</sup>	2,5 ... 16
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	2,5 ... 16
„f“ flexible H07V-K and ferrule with plastic insul. Collar	mm <sup>2</sup>	2,5 ... 16
Diameter	mm	7
Tightening torque	Nm	1,5 ... 3
Clamping screw		M5
Blade size		PZ2
Stripping length	mm	9 ... 12
<b>UL/CSA rated data</b>		
Voltage/current/conductor size		UL
Voltage/current/conductor size		CSA

<b>Inputs</b>		
<b>A</b>	<b>B</b>	<b>C</b>
1	1	
Clampable conductors:		
„e“ solid H07V-U	mm <sup>2</sup>	10 ... 35
„m“ stranded H07V-R	mm <sup>2</sup>	10 ... 35
„f“ flexible H07V-K	mm <sup>2</sup>	10 ... 35
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	10 ... 35
„f“ flexible H07V-K and ferrule with plastic insul. Collar	mm <sup>2</sup>	10 ... 35
Diameter	mm	10
Tightening torque	Nm	7
Clamping screw		M8
Blade size		M6
Stripping length	mm	14 ... 15
<b>Outputs</b>		
<b>A</b>	<b>B</b>	<b>C</b>
6		
Clampable conductors:		
„e“ solid H07V-U	mm <sup>2</sup>	2,5 ... 16
„m“ stranded H07V-R	mm <sup>2</sup>	2,5 ... 16
„f“ flexible H07V-K	mm <sup>2</sup>	2,5 ... 16
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	2,5 ... 16
„f“ flexible H07V-K and ferrule with plastic insul. Collar	mm <sup>2</sup>	2,5 ... 16
Diameter	mm	6,5
Tightening torque	Nm	1,5 ... 3
Clamping screw		M5
Blade size		PZ2
Stripping length	mm	10 ... 12
<b>UL/CSA rated data</b>		
Voltage/current/conductor size		UL
Voltage/current/conductor size		CSA

## Ordering Data

<b>Version</b>	dark beige Wemid
----------------	------------------

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WPDB 16/6 3/4	1	1939440000

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WPDB 35-16/16 1-1/6	1	1939450000

## Accessories

<b>Screwdrivers</b>	
Crosshead screwdriver, Pozidriv type	
Crosshead screwdriver, Pozidriv type	
7-piece hexagon wrench set	
<b>Labelling systems</b>	
Marking labels for laser printer	

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
SDK PZ1	1	9008530000
SDK PZ2	1	9008540000
SK-S 2.0-8.0	1	9008860000
LM MT300 15 x 9 GE	1	1882890000

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
SDK PZ2	1	9008540000
SK-S 2.0-8.0	1	9008860000
LM MT300 15 x 9 GE	1	1882890000

WPDB 70/16 1/10

70/16 mm<sup>2</sup>

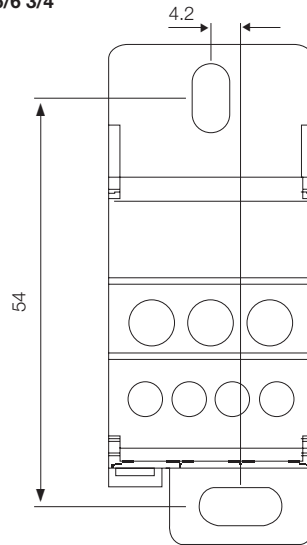


175 A
45 x 55 (71) x 42
228 g
690
175
70 / 16
2,5 KV / 3
V-0
22
3
<b>A</b> <b>B</b> <b>C</b>
1
16 ... 70
16 ... 70
16 ... 70
16 ... 70
16 ... 70
12
5
M10
M5
15 ... 16
<b>A</b> <b>B</b> <b>C</b>
10
2,5 ... 16
2,5 ... 16
2,5 ... 16
2,5 ... 16
2,5 ... 16
6
3
M6
M3
10 ... 12

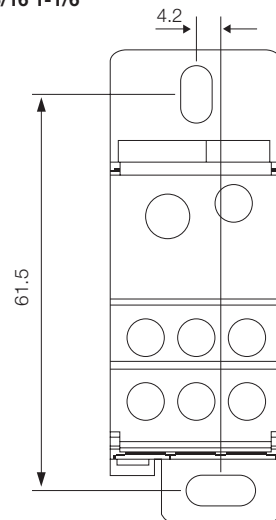
Type	Qty.	Order No.
WPDB 70/16 1/10	1	1939460000

Type	Qty.	Order No.
SK-S 2.0-8.0	1	9008860000
LM MT300 15 x 9 GE	1	1882890000

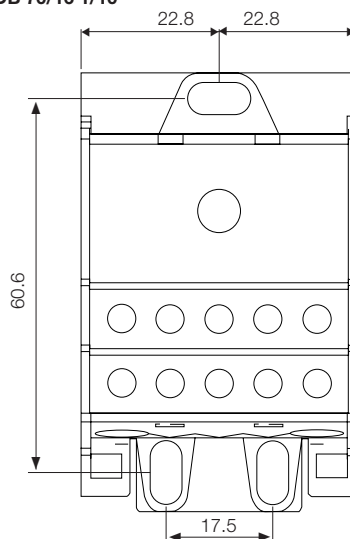
WPDB 16/6 3/4



WPDB 35-16/16 1-1/6



WPDB 70/16 1/10



## Power distribution blocks WPDB

- Space-saving design
- Modular or 3-phase block versions
- Easy to use
- IP20 class of protection
- For TS 35 rail or direct mounting
- High short-circuit protection
- Parallel cross-connection with 5 x 15 mm busbar

WPDB 120/35-16-10 1/2-5-4 120/35 mm<sup>2</sup>WPDB 185/35-16-10 1/2-5-4 185/35 mm<sup>2</sup>

## Technical data

Max. current		250 A		400 A
<b>Dimensions</b>				
Width / Length (incl. mounting) / Height (mm) with TS 35x7.5		44,5 x 72 (95,5) x 49		44,5 x 72 (95,5) x 49
Weight		434 g		414 g
<b>IEC rated 60 947-7-1</b>				
Rated voltage	V	690		690
Rated current	A	250		400
Rated cross-section in-/output	mm <sup>2</sup>	120 / 35-16-10		185 / 35-16-10
Rated impulse voltage / Pollution severity		2,5 KV / 3		2,5 KV / 3
UL94 Flammability Class		V-0		V-0
<b>Further technical data</b>				
Short-circuit strength (peak value)	kA	51		51
Short-circuit strength > 1 s	kA	24,5		24,5
<b>Inputs</b>		<b>A</b>	<b>B</b>	<b>C</b>
No. of connections		1		1
Clampable conductors:				
„e“ solid H07V-U	mm <sup>2</sup>	35 ... 120		95 ... 185
„m“ stranded H07V-R	mm <sup>2</sup>	35 ... 120		95 ... 185
„f“ flexible H07V-K	mm <sup>2</sup>	35 ... 120		95 ... 185
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	35 ... 120		95 ... 185
„f“ flexible H07V-K and ferrule with plastic insul. Collar	mm <sup>2</sup>	35 ... 120		95 ... 185
Diameter	mm	15		19
Tightening torque	Nm	19		25
Clamping screw		M14		M16
Blade size		M6		M8
Stripping length	mm	27 ... 29		27 ... 29
<b>Outputs</b>		<b>A</b>	<b>B</b>	<b>C</b>
No. of connections		2	5	4
Clampable conductors:				
„e“ solid H07V-U	mm <sup>2</sup>	2,5 ... 35	2,5 ... 16	2,5 ... 10
„m“ stranded H07V-R	mm <sup>2</sup>	2,5 ... 35	2,5 ... 16	2,5 ... 10
„f“ flexible H07V-K	mm <sup>2</sup>	2,5 ... 35	2,5 ... 16	2,5 ... 10
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	2,5 ... 35	2,5 ... 16	2,5 ... 10
„f“ flexible H07V-K and ferrule with plastic insul. Collar	mm <sup>2</sup>	2,5 ... 25	2,5 ... 16	2,5 ... 10
Diameter	mm	12	8	7
Tightening torque	Nm	3,5	2	2
Clamping screw		M8	M6	M6
Blade size		SD 1,0 x 5,5 x 150	SD 0,8 x 4,5 x 125	SD 0,8 x 4,5 x 125
Stripping length	mm	10 ... 12	10 ... 12	10 ... 12
<b>UL/CSA rated data</b>				
Voltage/current/conductor size	UL			
Voltage/current/conductor size	CSA			

## Ordering Data

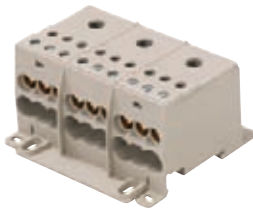
Version	Type	Qty.	Order No.
dark beige Wemid	WPDB 120/35-16-10 1/2-5-4	1	1939470000
	WPDB 185/35-16-10 1/2-5-4	1	1939480000

## Accessories

Screwdrivers	Type	Qty.	Order No.
Crosshead screwdriver, Pozidriv type	SD 1,0 x 5,5 x 150	1	9008350000
Crosshead screwdriver, Pozidriv type	SD 0,8 x 4,5 x 125	1	9009020000
7-piece hexagon wrench set	SK-S 2,0-8,0	1	9008860000
<b>Labelling systems</b>			
Marking labels for laser printer	LM MT300 15 x 9 GE	1	1882890000

WPDB 3 x 70/16 1/6

70/16 mm<sup>2</sup>



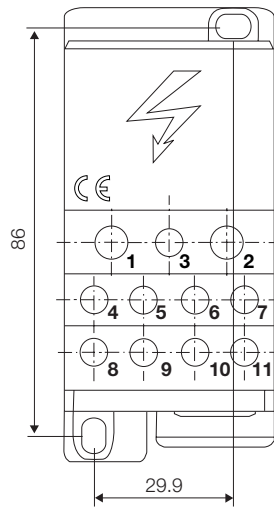
175 A
80 x 54,5 (71,5) x 42,5
386 g
690
175
70 / 16
2,5 KV / 3
V-0

A	B	C
3 x 1		
16 ... 70		
16 ... 70		
16 ... 70		
16 ... 70		
16 ... 70		
12		
5		
M10		
M5		
15 ... 16		
A	B	C
3 x 6		
2,5 ... 16		
2,5 ... 16		
2,5 ... 16		
2,5 ... 16		
2,5 ... 16		
6		
3		
M6		
M3		
10 ... 12		

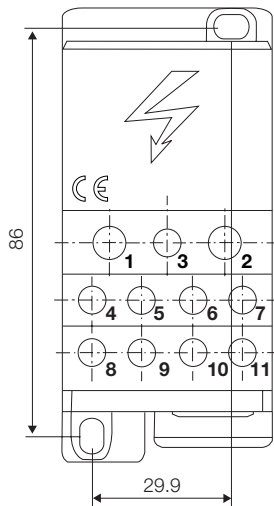
Type	Qty.	Order No.
WPDB 3 x 70/16 1/6	1	1939490000

Type	Qty.	Order No.
SK-S 2.0-8.0	1	9008860000
LM MT300 15 x 9 GE	1	1882890000

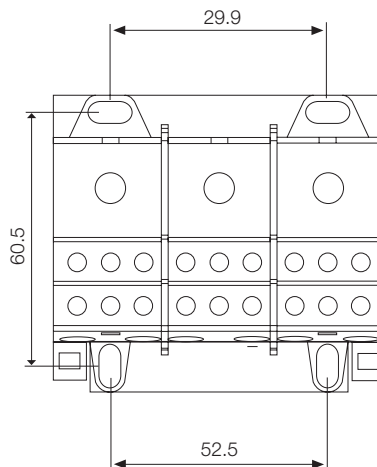
WPDB 120/35-16-10 1/2-5-4



WPDB 185/35-16-10 1/2-5-4



WPDB 3 x 70/16 1/6



## Power distribution blocks WPDB

- Space-saving design
- Modular or 3-phase block versions
- Easy to use
- IP20 class of protection
- For TS 35 rail or direct mounting
- High short-circuit protection
- Parallel cross-connection with 5 x 15 mm busbar

### WPDB 70/16 1/6

70/16 mm<sup>2</sup>

With distribution for busbars  
(parallel connection) Cu 16 x 5 mm max.



### WPDB 35/16/6/N 1/2/5/11

35/16/6/N mm<sup>2</sup>

Three-phase power-supply block  
with neutral-conductor busbar



### Technical data

<b>Max. current</b>	
160 A	
<b>Dimensions</b>	
Width / Length (incl. mounting) / Height (mm) with TS 35x7.5	
35 x 72 (92) x 49	
Weight	
238 g	
<b>IEC rated 60 947-7-1</b>	
Rated voltage	V
Rated current	A
Rated cross-section in-/output	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	2,5 KV / 3
UL94 Flammability Class	V-0
<b>Further technical data</b>	
Short-circuit strength (peak value)	kA
Short-circuit strength > 1 s	kA
<b>Inputs</b>	
No. of connections	
1	
Clampable conductors:	
„e“ solid H07V-U	mm <sup>2</sup>
„m“ stranded H07V-R	mm <sup>2</sup>
„f“ flexible H07V-K	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule with plastic insul. Collar	mm <sup>2</sup>
Diameter	mm
Tightening torque	Nm
Clamping screw	M10
Blade size	M5
Stripping length	mm
<b>Outputs</b>	
No. of connections	
6	
Clampable conductors:	
„e“ solid H07V-U	mm <sup>2</sup>
„m“ stranded H07V-R	mm <sup>2</sup>
„f“ flexible H07V-K	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
„f“ flexible H07V-K and ferrule with plastic insul. Collar	mm <sup>2</sup>
Diameter	mm
Tightening torque	Nm
Clamping screw	M5
Blade size	PZ2
Stripping length	mm
<b>UL/CSA rated data</b>	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

<b>Max. current</b>		
160 A		
<b>Dimensions</b>		
Width / Length (incl. mounting) / Height (mm) with TS 35x7.5		
35 x 72 (92) x 49		
Weight		
238 g		
<b>IEC rated 60 947-7-1</b>		
Rated voltage	V	690
Rated current	A	160
Rated cross-section in-/output	mm <sup>2</sup>	70 / 16
Rated impulse voltage / Pollution severity	2,5 KV / 3	
UL94 Flammability Class	V-0	
<b>Further technical data</b>		
Short-circuit strength (peak value)	kA	30
Short-circuit strength > 1 s	kA	11,8
<b>Inputs</b>		
No. of connections		
1		
Clampable conductors:		
„e“ solid H07V-U	mm <sup>2</sup>	10 ... 70
„m“ stranded H07V-R	mm <sup>2</sup>	10 ... 70
„f“ flexible H07V-K	mm <sup>2</sup>	10 ... 70
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	10 ... 70
„f“ flexible H07V-K and ferrule with plastic insul. Collar	mm <sup>2</sup>	10 ... 70
Diameter	mm	13
Tightening torque	Nm	4
Clamping screw	M10	
Blade size	M5	
Stripping length	mm	19 ... 23
<b>Outputs</b>		
No. of connections		
6		
Clampable conductors:		
„e“ solid H07V-U	mm <sup>2</sup>	2,5 ... 16
„m“ stranded H07V-R	mm <sup>2</sup>	2,5 ... 16
„f“ flexible H07V-K	mm <sup>2</sup>	2,5 ... 16
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	2,5 ... 16
„f“ flexible H07V-K and ferrule with plastic insul. Collar	mm <sup>2</sup>	2,5 ... 16
Diameter	mm	6
Tightening torque	Nm	2
Clamping screw	M5	M6
Blade size	PZ2	M5
Stripping length	mm	10 ... 12
<b>UL/CSA rated data</b>		
Voltage/current/conductor size	UL	
Voltage/current/conductor size	CSA	

<b>Max. current</b>		
125 A		
<b>Dimensions</b>		
Width / Length (incl. mounting) / Height (mm) with TS 35x7.5		
98 x 56,5 (74,5) x 45		
Weight		
314 g		
<b>IEC rated 60 947-7-1</b>		
Rated voltage	V	690
Rated current	A	125
Rated cross-section in-/output	mm <sup>2</sup>	35 / 16
Rated impulse voltage / Pollution severity	2,5 KV / 3	
UL94 Flammability Class	V-0	
<b>Further technical data</b>		
Short-circuit strength (peak value)	kA	30
Short-circuit strength > 1 s	kA	11,8
<b>Inputs</b>		
No. of connections		
3 x 1		
Clampable conductors:		
„e“ solid H07V-U	mm <sup>2</sup>	6 ... 35
„m“ stranded H07V-R	mm <sup>2</sup>	6 ... 35
„f“ flexible H07V-K	mm <sup>2</sup>	6 ... 35
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	6 ... 35
„f“ flexible H07V-K and ferrule with plastic insul. Collar	mm <sup>2</sup>	6 ... 25
Diameter	mm	9
Tightening torque	Nm	1,5
Clamping screw	M5	M5
Blade size	PZ2	PZ2
Stripping length	mm	12 ... 18
<b>Outputs</b>		
No. of connections		
3 x 2		
Clampable conductors:		
„e“ solid H07V-U	mm <sup>2</sup>	6 ... 35
„m“ stranded H07V-R	mm <sup>2</sup>	6 ... 35
„f“ flexible H07V-K	mm <sup>2</sup>	6 ... 35
„f“ flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	6 ... 35
„f“ flexible H07V-K and ferrule with plastic insul. Collar	mm <sup>2</sup>	6 ... 25
Diameter	mm	9
Tightening torque	Nm	1,5
Clamping screw	M5	M5
Blade size	PZ2	PZ2
Stripping length	mm	12 ... 18
<b>UL/CSA rated data</b>		
Voltage/current/conductor size	UL	
Voltage/current/conductor size	CSA	

### Ordering Data

<b>Version</b>
dark beige Wemid

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WPDB 70/16 1/6	1	1939500000

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
WPDB 35/16/6/N 1/2/5/11	1	1939510000

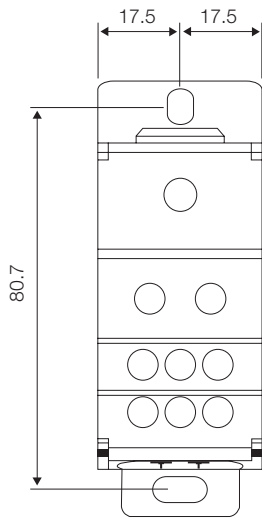
### Accessories

<b>Screwdrivers</b>	
Crosshead screwdriver, Pozidriv type	
Crosshead screwdriver, Pozidriv type	
7-piece hexagon wrench set	
<b>Labelling systems</b>	
Marking labels for laser printer	

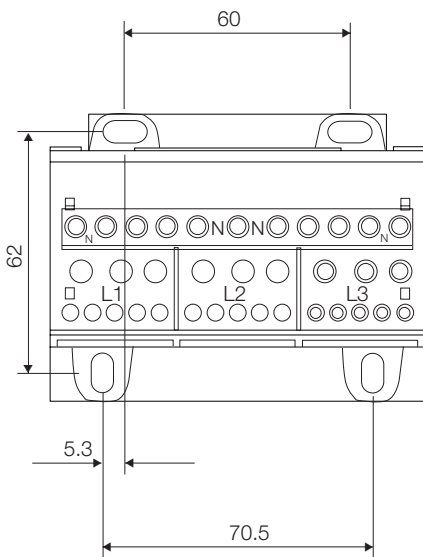
<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
SDK PZ2	1	9008540000
SK-S 2.0-8.0	1	9008860000
LM MT300 15 x 9 GE	1	1882890000

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
SDK PZ1	1	9008530000
SDK PZ2	1	9008540000
LM MT300 15 x 9 GE	1	1882890000

WPDB 70/16 1/6

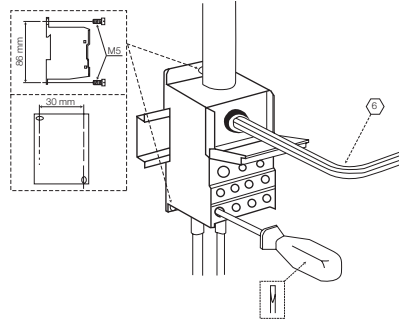


WPDB 35/16/6/N 1/2/5/11

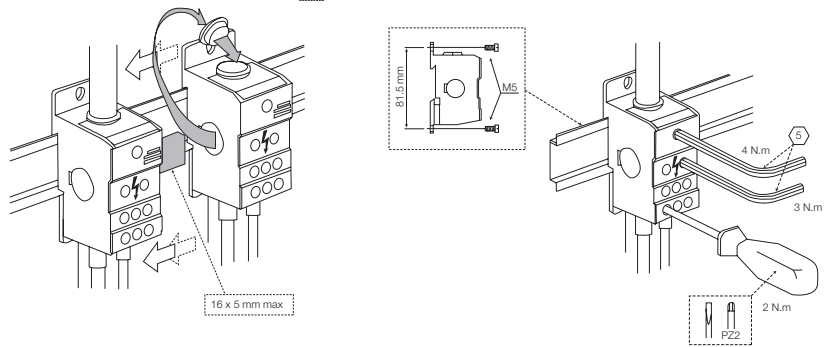


# Assembly instructions

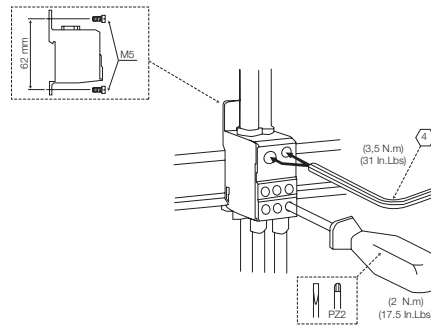
WPDB 120/35-16-10 1/2-5-4 and  
WPDB 185/35-16-10 1/2-5-4



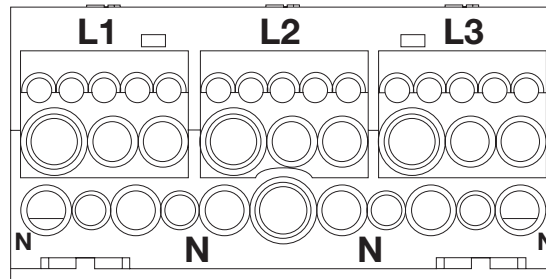
WPDB 70/16 1/6



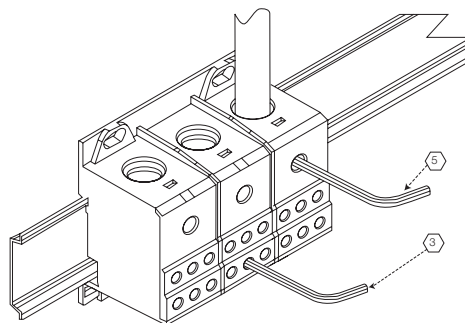
WPDB 35-16/16 1-1/6



WPDB 35/16/6/N 1/2/5/11



WPDB 3x70/16 1/6







## Mini terminals TS 15

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS15x7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	Approvals
<b>Clamped conductors (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
<b>2 conductors with same cross-section (H05V/H07V)</b>	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
<b>Note</b>	

### Ordering data

Version	
	beige (PA)
	Blue (PA)
	green/yellow (PA)
<b>Note</b>	

### Accessories

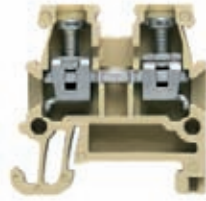
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid
Insulation plate	
	Insulation plate
End bracket	
	Dark beige Wemid
Testing / Checking	
	Test plug
	Socket


Marking systems	
	(see assortment in catalogue 7)
	Marking tags
<b>For detailed information on other accessories and applications, refer to the „Accessories“ section</b>	

## AKZ 1.5

1.5 mm<sup>2</sup>

### Feed-through terminal



5.1 x 24.8 x 25	
<b>24 / 2.5</b>	
<b>0.21...2.5</b>	

IEC 60947-7-1 Ex e ll  II 2 G D

IEC	UL	CSA	EN 60079-7
250	150	300	176
17.5	15	10	10
1.5	AWG 22...14	AWG 24...16	1.5
4 / 3			
A1 / V2			

   SIRA 02ATEX3001 U

Rated connection	
0.5...2.5 / 1.5...1.5	
0.5...1.5 / 0.5...1.5	
0.4...0.6 Nm (M 2.5)	
7 / 3.0 x 0.5 mm	
<b>Note</b>	
0.5...1	
0.5...1 / 0.5...0.75	

Type	Qty	Order No.
AKZ 1.5	100	<b>0340460000</b>
AKZ 1.5 BL	100	<b>0340480000</b>
<b>Note</b>		
AKZ 1.5 order Nos 0340460000 and 0340480000 made from PA with V2 flammability rating to UL 94		

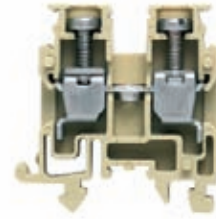
Type	current	Qty	Order No.
Q 2 AKZ1.5	24 A	50	<b>0368200000</b>
Q 3 AKZ1.5		50	<b>0368300000</b>
Q 4 AKZ1.5		50	<b>0368400000</b>
Q 10 AKZ1.5		20	<b>0368500000</b>
		Width	
AP AKZ1.5	1.5 mm	50	<b>0340560000</b>
AP AKZ1.5 BL	1.5 mm	50	<b>0340580000</b>
<b>Note</b>			
EW 15	10 mm	50	<b>0382860000</b>
<b>Note</b>			
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
STB 8.5/D4/2.3/M2.5 AKZ		50	<b>0215700000</b>


<b>Note</b>			
DEK 5/5			

## AKZ 2.5

2.5 mm<sup>2</sup>

### Feed-through terminal



5.1 x 25.5 x 26.5	
<b>32 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-1 Ex e ll  II 2 G D

IEC	UL	CSA	EN 60079-7
250	300	300	176
24	10	10	15
2.5	AWG 22...12	AWG 26...10	2.5
4 / 3			
A3 / V2			

   SIRA 02ATEX3001 U

Rated connection	
0.5...4 / 1.5...2.5	
0.5...2.5 / 0.5...2.5	
0.4...0.6 Nm (M 2.5)	
7 / 3.0 x 0.5 mm	
<b>Note</b>	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Type	Qty	Order No.
AKZ 2.5	100	<b>0697160000</b>
AKZ 2.5 BL	100	<b>0697180000</b>
<b>Note</b>		
AKZ 2.5 order Nos 0697160000 and 0697180000 made from PA with V2 flammability rating to UL 94		

Type	current	Qty	Order No.
Q 2 AKZ1.5	24 A	50	<b>0368200000</b>
Q 3 AKZ1.5		50	<b>0368300000</b>
Q 4 AKZ1.5		50	<b>0368400000</b>
Q 10 AKZ1.5		20	<b>0368500000</b>
		Width	
AP AKZ2.5	2.5 mm	50	<b>0697360000</b>
AP AKZ2.5 BL	2.5 mm	50	<b>0697380000</b>
TW AKZ2.5	0.5 mm	20	<b>0318560000</b>
TW AKZ2.5 BL	0.5 mm	20	<b>0318580000</b>
<b>Note</b>			
EW 15	10 mm	50	<b>0382860000</b>
<b>Note</b>			
PS 2.3 RT	5.4 mm	20	<b>0180400000</b>
STB 8.5/D4/2.3/M2.5 AKZ		50	<b>0215700000</b>

<b>Note</b>			
DEK 5/5			



## Mini terminals TS 15

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS15x7.5	mm <sup>2</sup>
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

#### Clamped conductors (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>

#### Note

### Ordering data

Version	
	Dark beige Wemid (PA)
	Blue Wemid (PA)

#### Note

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole

#### End plate / partition

Dark beige Wemid

#### End bracket

Dark beige Wemid

**Marking systems** (see assortment in catalogue 7)  
Marking tags

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

## WDU 1.5/R 3.5

1.5 mm<sup>2</sup>

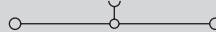
### Feed-through terminal (V0)



3.5 x 24.5 x 25

17.5 / 1.5

0.13...1.5



IEC 60947-7-1

Ex e ll  II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
17.5	10	10	14
1.5	AWG 26...14	AWG 26...16	1.5
4 / 3			
A1 / V-0			

 KEMA 99ATEX6545 U

#### Rated connection

0.5...1.5 / 1.5...1.5
0.5...1.5 / 0.5...1.5
0.3 Nm (M 2)
7 / 0.4 x 2.5 mm

0.5...0.75
0.5...0.75 / 0.5...0.5

PZ 6/5 recommended as crimping tool for 1.5 mm<sup>2</sup> with wire-end ferrule

Type	Qty	Order No.
WDU 1.5/R3.5	100	1753280000
WDU 1.5/R3.5 BL	100	1754170000

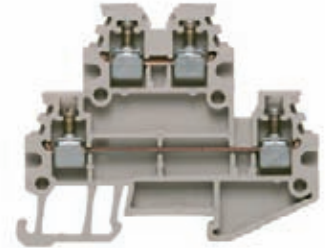
Type	current	Qty	Order No.
ZQV 1.5N/R3.5/2 GE	17.5 A	50	1754210000
ZQV 1.5N/R3.5/3 GE	17.5 A	50	1754220000
ZQV 1.5N/R3.5/4 GE	17.5 A	20	1754230000
ZQV 1.5N/R3.5/10 GE	17.5 A	20	1754290000
Width			
WAP WDU 1.5/R3.5	1.5 mm	20	1754190000
EW 15	10 mm	50	0382860000

DEK 5/3,5

## WDK 1.5/R3.5

1.5 mm<sup>2</sup>

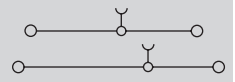
### Double feed-through terminal (V0)



3.5 x 46.5 x 38.5

16 / 1.5

0.13...1.5



IEC 60947-7-1

Ex e ll  II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
16	10	10	15
1.5	AWG 26...14	AWG 26...16	1.5
4 / 3			
A1 / V-0			

 KEMA 99ATEX6545 U

#### Rated connection

0.5...1.5 / 1.5...1.5
0.5...1.5 / 0.5...1.5
0.3 Nm (M 2)
7 / 0.4 x 2.5 mm

0.5...0.75
0.5...0.75 / 0.5...0.5

PZ 6/5 recommended as crimping tool for 1.5 mm<sup>2</sup> with wire-end ferrule

Type	Qty	Order No.
WDK 1.5/R3.5	100	1753290000
WDK 1.5/R3.5 BL	100	1754180000

Type	current	Qty	Order No.
ZQV 1.5N/R3.5/2 GE	17.5 A	50	1754210000
ZQV 1.5N/R3.5/3 GE	17.5 A	50	1754220000
ZQV 1.5N/R3.5/4 GE	17.5 A	20	1754230000
ZQV 1.5N/R3.5/10 GE	17.5 A	20	1754290000
Width			
WAP WDK 1.5/R3.5	1.5 mm	20	1754200000
EW 15	10 mm	50	0382860000

DEK 5/3,5

**WPE 1.5/R3.5**

**1.5 mm<sup>2</sup>**

**PE terminal (V0)**



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS15x7.5	mm <sup>2</sup>
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

3.5 x 24.5 x 25
<b>/ 1.5</b>
<b>0.13...1.5</b>

**Technical data**

Rated data	
Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Tightening torque range (fixing screw)	
Stripping length / Blade size	mm/-

IEC 60947-7-2

IEC	UL	CSA
1.5	AWG 26...	AWG 18
400		
6		
	180 A (1,5 mm <sup>2</sup> )	
	3	
	A1 / V-0	

®

Rated connection	
0.5...1.5 / 1.5...1.5	
0.5...1.5 / 0.5...1.5/ 0.5...1.5	
0.3 Nm (M 2)	
7 / 0.4 x 2.5 mm	

PZ 6/5 recommended as crimping tool for 1.5 mm<sup>2</sup> with wire-end ferrule

**Note**

**Ordering data**

Version
green/yellow Wemid (PA)

**Note**

Type	Qty	Order No.
WPE 1.5/R3.5	100	<b>1798460000</b>

**Accessories**

End plate / partition	
	Dark beige Wemid
End bracket	
	Dark beige Wemid

Type	Width	Qty	Order No.
WAP WDU1.5/R3.5	1.5 mm	20	<b>1754190000</b>
EW 15	10 mm	50	<b>0382860000</b>

**Marking systems** (see assortment in catalogue 7)  
Marking tags

DEK 5/3,5

**For detailed information on other accessories and applications, refer to the „Accessories“ section**

# Stud terminals

## Power transmission

Weidmüller's extensive range of stud terminals offers secure connections for all applications which entail a transmission of energy. The connection range extends from 10 mm<sup>2</sup> to 300 mm<sup>2</sup> and is available for TS 35 or TS 32 DIN Rail Mounting.

The conductors are applied to the threaded studs by means of crimped cable lugs, and then securely connected by tightening the hex nut. Stud terminals can be used with threaded studs M5 to M16, depending on the conductor cross-section.

Maximum safety is guaranteed by low through resistance and self-extinguishing material in flammability class V-0 (UL94).

All stud terminals are tested according to international railway standards (EN 50343, EN 50155, NF F61-017, NF16-101; RIA 20) and comply with these requirements.

## Handling

To connect the conductors, cable lugs are crimped to the ends of the conductors. The cable lugs are placed on the stud between the washer on the terminal carrier and toothed washer. The backs of the cable lugs lie against each other. The hex nuts are tightened to press the lugs of the cable lugs against each other for secure contact.

In addition, a third conductor can be positioned from the opposite connection direction.

## Series WF / WFF

- for voltage ranges up to 1000 V
- also suitable for up to 2300 V and 520 A when using specialepoxy resin partition plates

Single stud terminals WF

- 4 conductors can be securely connected without any problems
- 3 conductors even without restricting the rating data

Twin-stud terminals WFF

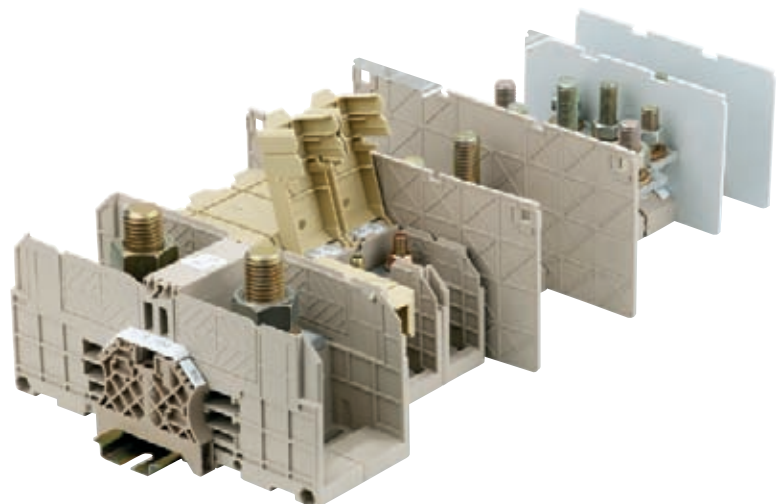
- integrated hinged head

## Series ST 4000

- for voltage ranges up to 4000 V and currents up to 415 A
- for extreme demands, particularly in railway applications

## Accessories

We also offer extensive accessories for our stud terminals, with detailed descriptions on the following pages.



## Product overview

Thread size	M5	M6	M8	M10	M12	M16
Single-stud terminals – WF	•	•	•	•	•	
Two-stud terminals – WF 2 BZ		•	•	•		
Two-stud terminals – WFF		•	•	•	•	•
Two-stud terminals – ST 4000 (up to 4000 V)			•	•	•	

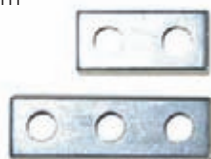
**Stud connection**

- Stud size M5 to M16
- Conductor with cable lug to DIN 46234 up to 240 mm<sup>2</sup> to DIN 46235 up to 300 mm<sup>2</sup>
- 3 cable lugs possible per stud, even 4 cable lugs with the WF-Series



**Cross connections**

- Faster electrical distribution for clear time savings
- Can be used for all stud terminals
- Available in 2, 3 and 4-poles version
- Electrical distribution possible between different sizes (from WF6 to WF8 and to WF10)

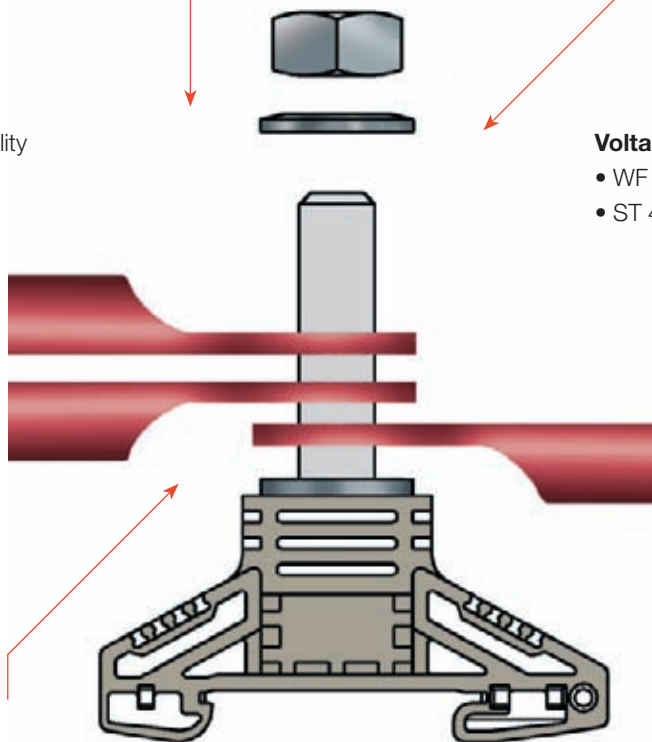


**Easy to use**

- Cable lugs placed on washer on stud
- Washer and toothed washer placed on top
- Steel nut tightened to create contact between cable lugs and – if applicable – busbar

**Wemid clamp support**

- Non-tracking, CTI 600
- Thermally stable up to 120 °C
- Self-extinguishing V0 flammability class to UL94
- No hazardous substances
- Low smoke and fume.
- Complies with the requirements of DIN 5510 part 2, railway standard NFF 16-101 and BS 6853



**Voltage range**

- WF / WFF up to 2.300 V
- ST 4000 up to 4.000 V

**Reliable contact**

- Maintenance free, no need to retighten the nuts
- Toothed washer for vibration-proof, high strength contact
- Cable lugs contact directly or via a highly conductive busbar



“Toothed” washer with protective coating.

**Safe to use**

- Shock protection
- in WF with partition plates and transparent cover strips
  - in WFF with locking cover for each connection
  - in ST 4000 with screw-on polycarbonate cover

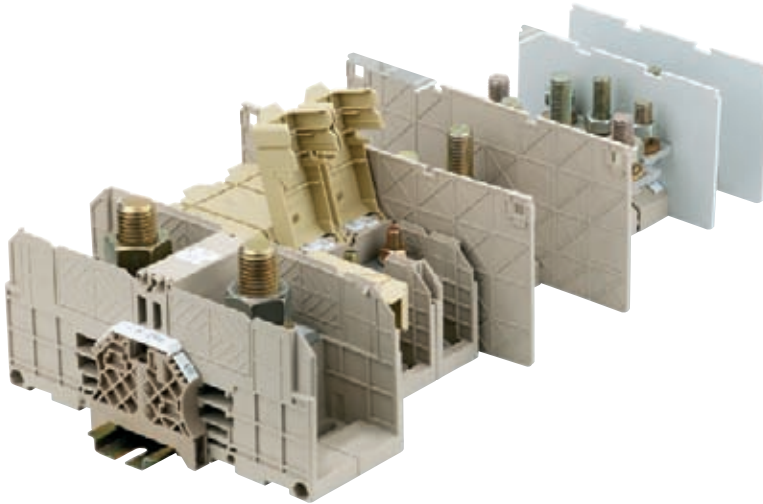
**Standards**

- Fulfil requirements for standard terminals and specific railway standards
- EN 60 947-7-1
  - EN 50124-1
  - DIN EN 61373
  - RIA 20
  - EN 50343
  - NF F 61-017



# Stud terminals - Accessories

## Series WF and WFF



## Electrical distribution



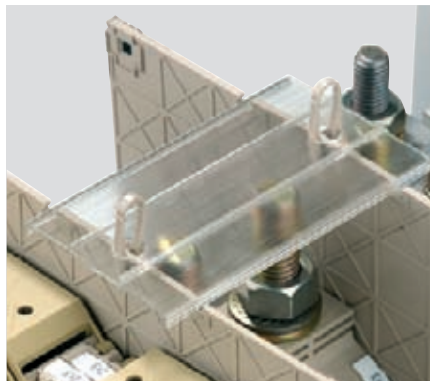
Electrical distribution can be realised between neighbouring stud terminals easily with 2 and 3 poles crossconnections. Cross-connections are also available for different thread sizes from M6 to M8 or M10. In the WFF twostud terminals, firstly the partition plates have to be removed between the clamped supports. The thin web of material means they can be broken out easily to fit.

## Shock protection



The two-stud terminals in the WF-Series offer with an integrated hinged cover a high degree of finger safety. When closed, the cover locks onto the terminal and protects the contact from accidental contact.

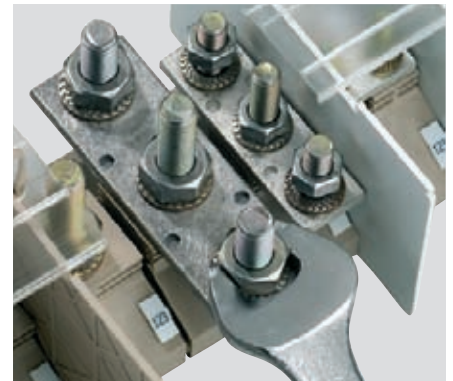
## Shock protection / partition plates



Shock protection in the WF-Series is provided by partition plates WTW and transparent cover strips ADP. The cover strips are locked into the guides of the partition plates and held with clips to prevent them slipping to the side. Partition plates ensure compliance with the rated voltage:

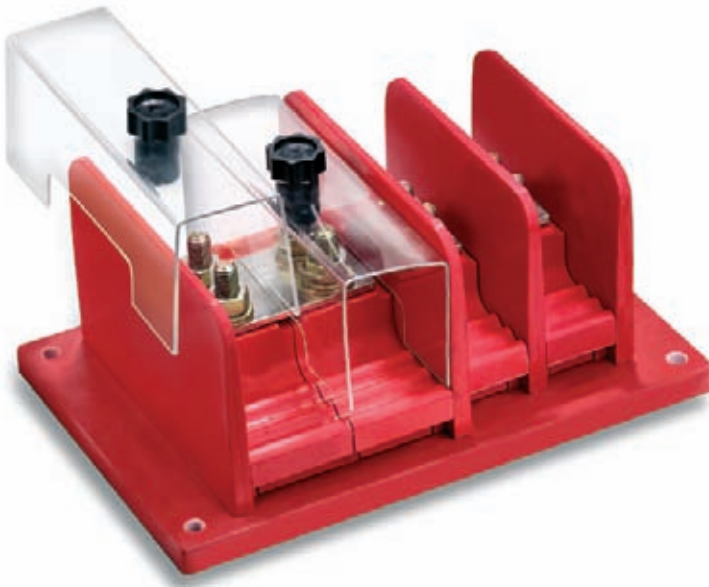
- Voltage range up to 1000 V with partition plate WTW WF
- Voltage range up to 2300 V for WF with epoxy partition plate WTW WF 2300

## Connection



Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. A normal openended spanner can be used to tighten the hex screw and complete installation.

Series ST 4000



Shock protection



Stud terminals in the ST 4000 series offer an ideal cover for every version. The polycarbonate cover is placed between the partition plates and fastened to the stud with the plastic-coated fixing nut.

Fixing nuts are available to fit every stud size.

Potential distribution



When two neighbouring ST 4000 terminals have the same current, cross-connectors are fitted instead of the busbar.

The pairs of holes in the cross-connection are rated exactly to the spacing of ST 4000.

Here the partition plate has to be replaced by the connecting piece ST 4000/S C130 or ST 4000/L C160.

Cross-connections are available as 2, 3 or 4-poles.

Connection



Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. Tighten the steel hexagonal nut to ensure good contact between cable lug and busbar.

The same principle applies when two cable lugs contact on one stud or slotted hole cable lugs are used.

Slotted hole cable lugs can also be placed over both studs.



## Single-stud terminals

## WF series

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / Flexible, max.	A
Max. clamping range	mm <sup>2</sup>

## Technical data

## Rated data with Wemid partition wall

Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

## Clamped cable lugs

Cable lug to DIN 46234
2 cable lugs to DIN 46234
Cable lug to DIN 46234
2 cable lugs to DIN 46234
Tightening torque range

## Note

## Ordering data

Version	Dark beige Wemid
Note	

## Accessories

Cross-connection	2-pole
	3-pole
Partition wall	Dark beige Wemid
	Beige epoxy resin
End bracket	Dark beige Wemid
Hood, transparent	Hood, transparent
Holder for shrouding cover, transparent	Holder for shrouding cover, transparent

Marking systems	(see assortment in catalogue 7)
	Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

## WF 5

16 mm<sup>2</sup>

Screw thread M5



13 x 67 x 54  
**76 / 16**  
**0.1...16**

IEC	UL	CSA
1000	1000	1000
76	85	85
16	AWG 10...4	AWG 10...4
	8 / 3	
	/ V-0	
0.1...16 mm <sup>2</sup>		
0.1...16 mm <sup>2</sup>		
6...10 mm <sup>2</sup>		
6...10 mm <sup>2</sup>		
2.0...4.0 Nm		

Type	Qty	Order No.
WF 5	25	1790130000

Type	current	Qty	Order No.
WQL 2 WF5	76 A	5	1812710000
WQL 3 WF5	76 A	5	1812740000
	Width		
WTW WF6-WF12	2.5 mm	20	1781240000
WTW WF6 2300	2 mm	20	1781230000
	Width		
WEW 35/2	8 mm	100	1061200000
	Width		
ADP WF6/WF8		1	1780930000
	Width		
HA ADP WF6/WF10		10	1781050000

WS 12/5

With WTW...2300 made from epoxy resin, rated current is 2300 V according to prelim. EN 50124-1

## WF 6

35 mm<sup>2</sup>

Screw thread M6



17.8 x 67 x 56  
**125 / 35**  
**2.5...35**

IEC	UL	CSA
1000	1000	1000
125	115	150
35	AWG 14...2	AWG 14...2
	8 / 3	
	/ V-0	
2.5...35 mm <sup>2</sup>		
2.5...35 mm <sup>2</sup>		
6...35 mm <sup>2</sup>		
6...25 mm <sup>2</sup>		
3.0...6.0 Nm		

Type	Qty	Order No.
WF 6	25	1780850000

Type	current	Qty	Order No.
WQL 2 WF6	125 A	5	1780970000
WQL 3 WF6	125 A	5	1780980000
	Width		
WTW WF6	2 mm	20	1781220000
WTW WF6 2300	2 mm	20	1781230000
	Width		
WEW 35/2	8 mm	100	1061200000
	Width		
ADP WF6/WF8		1	1780930000
	Width		
HA ADP WF6/WF10		10	1781050000

WS 10/6

With WTW...2300 made from epoxy resin, rated current is 2300 V according to prelim. EN 50124-1

**WF 8**

**50 mm<sup>2</sup>**

Screw thread M8



22.8 x 67 x 65  
150 / 50  
2.5...50

IEC	UL	CSA
1000	1000	1000
150	150	200
50	AWG 14...1/0	AWG 14...1/0
	8 / 3	
	/ V-0	



2.5...50 mm<sup>2</sup>  
2.5...50 mm<sup>2</sup>  
6...35 mm<sup>2</sup>  
6...35 mm<sup>2</sup>  
6.0...12 Nm

The WQL 2, for WF 6 on WF 8, is available under order no. 1808980000.

Type	Qty	Order No.
WF 8	25	1780860000

Type	current	Qty	Order No.
WQL 2 WF8	150 A	5	1780990000
WQL 3 WF8	150 A	5	1781000000
	Width		
WTW WF8	2 mm	20	1780900000
WTW WF8 2300	2 mm	20	1780910000
WEW 35/2	8 mm	100	1061200000
ADP WF6/WF8		1	1780930000
HA ADP WF6/WF10		10	1781050000

WS 10/6

With WTW...2300 made from epoxy resin, rated current is 2300 V according to prelim. EN 50124-1

**WF 10**

**120 mm<sup>2</sup>**

Screw thread M10



33.8 x 67 x 74  
269 / 120  
6...120

IEC	UL	CSA
1000	1000	1000
269	255	320
120	AWG 10...kcmil250	AWG 10...kcmil250
	8 / 3	
	/ V-0	



6...120 mm<sup>2</sup>  
6...120 mm<sup>2</sup>  
10...95 mm<sup>2</sup>  
10...95 mm<sup>2</sup>  
10...20 Nm

The WQL 2, for WF 6 on WF 10, is available under order no. 180662000.

Type	Qty	Order No.
WF 10	20	1780870000

Type	current	Qty	Order No.
WQL 2 WF10	269 A	5	1781010000
WQL 3 WF10	269 A	5	1781020000
	Width		
WTW WF10/WF12	2 mm	20	1780890000
WTW WF10/WF12 2300	2 mm	20	1780920000
WEW 35/2	8 mm	100	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000

WS 10/6

With WTW...2300 made from epoxy resin, rated current is 2300 V according to prelim. EN 50124-1

**WF 12**

**120 mm<sup>2</sup>**

Screw thread M12



33.8 x 67 x 72  
269 / 120  
6...120

IEC	UL	CSA
1000	1000	1000
269	255	320
120	AWG 10...kcmil250	AWG 10...kcmil250
	8 / 3	
	/ V-0	



6...120 mm<sup>2</sup>  
6...120 mm<sup>2</sup>  
10...95 mm<sup>2</sup>  
10...95 mm<sup>2</sup>  
14...31 Nm

Type	Qty	Order No.
WF 12	20	1780880000

Type	current	Qty	Order No.
WQL 2 WF12	269 A	5	1781030000
WQL 3 WF12	269 A	5	1781040000
	Width		
WTW WF10/WF12	2 mm	20	1780890000
WTW WF10/WF12 2300	2 mm	20	1780920000
WEW 35/2	8 mm	100	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000

WS 10/6

With WTW...2300 made from epoxy resin, rated current is 2300 V according to prelim. EN 50124-1

## Twin stud terminals

## WF 2BZ

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / Flexible, max.	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

## Rated data with Wemid partition wall

Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

## Clamped cable lugs

Cable lug to DIN 46234
2 cable lugs to DIN 46234
Cable lug to DIN 46234
2 cable lugs to DIN 46234
Tightening torque range

## Note

## Ordering data

Version	Dark beige Wemid
Note	

## Accessories

Cross-connection	2-pole
	3-pole
Partition wall	Dark beige Wemid
	Beige epoxy resin
End bracket	Dark beige Wemid
Hood, transparent	Hood, transparent
Holder for shrouding cover, transparent	Holder for shrouding cover, transparent

Marking systems (see assortment in catalogue 7)  
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

## WF 6/2BZ

35 mm<sup>2</sup>

Screw thread M6



17.8 x 67 x 56

125 / 35

2.5...35



IEC	UL	CSA
1000	1000	1000
125	115	150
35	AWG 14...2	AWG 14...2
	8 / 3	
	/ V-0	



2.5...35 mm <sup>2</sup>
2.5...35 mm <sup>2</sup>
6...25 mm <sup>2</sup>
6...25 mm <sup>2</sup>
3.0...6.0 Nm

Type	Qty	Order No.
WF 6/2BZ	25	1789770000

Type	current	Qty	Order No.
WQL 2 WF6	125 A	5	1780970000
WQL 3 WF6	125 A	5	1780980000
	Width		
WTW WF10/WF12	2 mm	20	1780890000
WTW WF6 2300	2 mm	20	1781230000
	Width		
WEW 35/2	8 mm	100	1061200000
	Width		
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000

WS 12/5

With WTW...2300 made from epoxy resin, rated current is 2300 V, according to prelim. EN 50124-1

## WF 8/2BZ

50 mm<sup>2</sup>

Screw thread M8



22.8 x 67 x 65

150 / 50

2.5...50



IEC	UL	CSA
1000	1000	1000
150	150	200
50	AWG 14...1/0	AWG 14...1/0
	8 / 3	
	/ V-0	



2.5...50 mm <sup>2</sup>
2.5...50 mm <sup>2</sup>
6...35 mm <sup>2</sup>
6...35 mm <sup>2</sup>
6.0...12 Nm

Type	Qty	Order No.
WF 8/2BZ	25	1789780000

Type	current	Qty	Order No.
WQL 2 WF8	150 A	5	1780990000
WQL 3 WF8	150 A	5	1781000000
	Width		
WTW WF10/WF12	2 mm	20	1780890000
WTW WF8 2300	2 mm	20	1780910000
	Width		
WEW 35/2	8 mm	100	1061200000
	Width		
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000

WS 12/5

With WTW...2300 made from epoxy resin, rated current is 2300 V, according to prelim. EN 50124-1

**WF 10/2BZ**

**120 mm<sup>2</sup>**

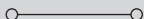
Screw thread M10



33.8 x 67 x 74

269 / 120

6...120



IEC	UL	CSA
1000	1000	1000
269	230	320
120	AWG 10..kmi250	AWG 10..kmi250
	8 / 3	
	/ V-0	



6...120 mm<sup>2</sup>

6...120 mm<sup>2</sup>

10...95 mm<sup>2</sup>

10...95 mm<sup>2</sup>

10...20 Nm

Type	Qty	Order No.
WF 10/2BZ	20	1789790000

Type	current	Qty	Order No.
WQL 2 WF10	269 A	5	1781010000
WQL 3 WF10	269 A	5	1781020000
<b>Width</b>			
WTW WF10/WF12	2 mm	20	1780890000
WTW WF10/WF12 2300	2 mm	20	1780920000
WEW 35/2	8 mm	100	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000

WS 12/5

With WTW...2300 made from epoxy resin, rated current is 1500 V up to 70 mm<sup>2</sup>, according to prelim. EN 50124-1

## Twin stud terminals

## WFF series

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / Flexible, max.	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

## Technical data

## Rated data with Wemid partition wall

Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

## Clamped cable lugs

Cable lug to DIN 46234 / 2 cable lugs to DIN 46234  
Cable lug to DIN 46234 / 2 cable lugs to DIN 46234  
Tightening torque range

## Note

## Ordering data

Version	
	Dark beige Wemid
	Dark beige Wemid
	Blue Wemid

## Note

## Accessories

Cross-connection	
	2-pole
	3-pole

Partition wall	
	Dark beige Wemid

End bracket	
	Dark beige Wemid

Hood	
	Hood, dark beige Wemid

## Warning triangle for power supply terminals

Marking systems	(see assortment in catalogue 7)
	Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

## Technical drawing

## WFF 35

35 mm<sup>2</sup>

## Screw thread M6



27 x 107 x 54.5

150 / 50

2.5...50



Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
125	115	130	109
35	AWG 14...2	AWG 14...2	35
8 / 3			
/ V-0			

KEMA 98ATEX1684 U

2.5...50 mm<sup>2</sup> / 2.5...35 mm<sup>2</sup>6...25 mm<sup>2</sup> / 6...25 mm<sup>2</sup>

3.0...6.0 Nm

## WFF 70

70 mm<sup>2</sup>

## Screw thread M8



32 x 132 x 64

232 / 95

2.5...95



Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
192	175	170	167
70	AWG 14...2/0	AWG 14...2/0	70
8 / 3			
/ V-0			

KEMA 98ATEX1684 U

2.5...95 mm<sup>2</sup> / 2.5...70 mm<sup>2</sup>16...70 mm<sup>2</sup> / 16...70 mm<sup>2</sup>

6.0...12 Nm

Type	Qty	Order No.
WFF 35	10	1028300000
WFF 35/AH	5	1029300000
WFF 35 BL	10	1028380000

Type	Qty	Order No.
WFF 70	10	1028400000
WFF 70/AH	5	1029400000
WFF 70 BL	10	1028480000

Type	current	Qty	Order No.
WQL 2 WFF35	150 A	5	1064900000
WQL 3 WFF35	150 A	5	1065400000

Width			
WTW WFF35	2 mm	10	1067100000

WEW 35/1	12 mm	50	1059000000
----------	-------	----	------------

WAH 35		20	1064460000
--------	--	----	------------

WD 1 25 K KARTE A 6 ST		5	1563900000
------------------------	--	---	------------

WS 12/6,5

WAH 35 in blue, order no. 1064480000

Type	current	Qty	Order No.
WQL 2 WFF70	232 A	5	1065000000
WQL 3 WFF70	232 A	5	1065500000

Width			
WTW WFF70	2 mm	10	1067200000

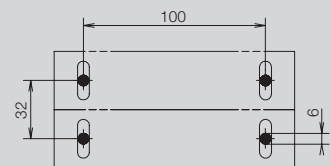
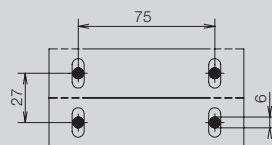
WEW 35/1	12 mm	50	1059000000
----------	-------	----	------------

WAH 70 BE		20	1064560000
-----------	--	----	------------

WD 1 25 K KARTE A 6 ST		5	1563900000
------------------------	--	---	------------

WS 12/6,5

WAH 70 in blue, order no. 1064580000



**WFF 120**

**120 mm<sup>2</sup>**

Screw thread M10



42 x 132 x 73  
309 / 150  
6...150



Ex e ll ll 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
269	310	310	234
120	AWG10.kam1250	AWG10.kam1250	120
8 / 3			
/ V-0			

KEMA 98ATEX1684 U

6...150 mm<sup>2</sup> / 6...120 mm<sup>2</sup>  
16...150 mm<sup>2</sup> / 16...120 mm<sup>2</sup>  
10...20 Nm

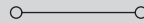
**WFF 185**

**185 mm<sup>2</sup>**

Screw thread M12



55 x 163 x 79  
415 / 240  
10...240



Ex e ll ll 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
353	380	360	307
185	AWG8.kam1500	AWG8.kam1500	185
8 / 3			
/ V-0			

KEMA 98ATEX1684 U

10...240 mm<sup>2</sup> / 10...185 mm<sup>2</sup>  
25...240 mm<sup>2</sup> / 25...185 mm<sup>2</sup>  
14...31 Nm

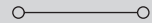
**WFF 300**

**300 mm<sup>2</sup>**

Screw thread M16



55 x 163 x 86  
520 / 240  
25...240



Ex e ll ll 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
520	500	510	452
300	AWG6.kam1600	AWG6.kam1600	300
8 / 3			
/ V-0			

KEMA 98ATEX1684 U

25...240 mm<sup>2</sup> / 25...240 mm<sup>2</sup>  
50...300 mm<sup>2</sup> / 50...240 mm<sup>2</sup>  
25...60 Nm

Type	Qty	Order No.
WFF 120	5	1028500000
WFF 120/AH	4	1029500000
WFF 120 BL	5	1028580000

Type	Qty	Order No.
WFF 185	4	1028600000
WFF 185/AH	2	1029600000
WFF 185 BL	4	1028680000

Type	Qty	Order No.
WFF 300	4	1028700000
WFF 300/AH	2	1029700000
WFF 300 BL	4	1028780000

Type	current	Qty	Order No.
WQL 2 WFF120	269 A	5	1065100000
WQL 3 WFF120	269 A	5	1065600000
<b>Width</b>			
WTW WFF120	2 mm	10	1067300000
WEW 35/1	12 mm	50	1059000000
WAH 120		20	1064660000
WD 1 25 K KARTE A 6 ST		5	1563900000

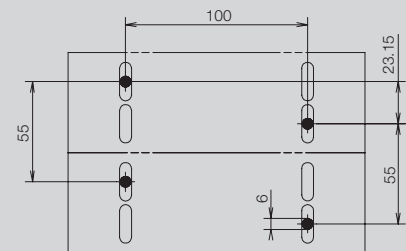
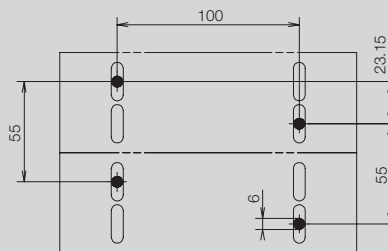
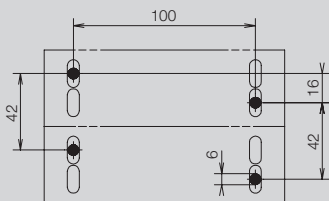
Type	current	Qty	Order No.
WQL 2 WFF185	353 A	5	1065200000
WQL 3 WFF185	353 A	5	1065700000
<b>Width</b>			
WTW WFF185/300	2 mm	10	1067400000
WEW 35/1	12 mm	50	1059000000
WAH 185/300 BE		10	1064760000
WD 1 25 K KARTE A 6 ST		5	1563900000

Type	current	Qty	Order No.
WQL 2 WFF300	520 A	5	1065300000
WQL 3 WFF300	520 A	5	1065800000
<b>Width</b>			
WTW WFF185/300	2 mm	10	1067400000
WEW 35/1	12 mm	50	1059000000
WAH 185/300 BE		10	1064760000
WD 1 25 K KARTE A 6 ST		5	1563900000

WS 12/6,5  
WAH 120 in blue, order no. 1064650000

WS 12/6,5  
WAH 185/300 in blue, order no. 1064780000

WS 12/6,5  
WAH 185/300 in blue, order no. 1064780000



## Twin stud terminals

### ST 4000 (up to 4 kV)

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / Flexible, max.	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

#### Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

#### Clamped cable lugs

Cable lug to DIN 46234  
 2 cable lugs to DIN 46234  
 Cable lug to DIN 46234  
 2 cable lugs to DIN 46234  
 Tightening torque range

#### Note

#### Ordering data

Version	
	red
	With internal thread
Note	

#### Accessories

Cross-connection	
	2-pole
	3-pole
	4-pole
Busbar	
	M8 / 4 mm thick
	M10 / 4 mm thick
	M10 / 6 mm thick
	M12 / 4 mm thick
	M12 / 6 mm thick
Connecting piece	
	130 mm length
	160 mm length
Partition wall	
	150 mm length
	180 mm length
End partition	
	150 mm length
	180 mm length
Touch-safe protection	
	150 mm length
	180 mm length

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section

### ST 4000/S M8

120 mm<sup>2</sup>

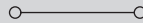
Screw thread M8



40 x 150 x 84

269 / 120

1.5...120



IEC	UL	CSA
4000		
269		
120		
	30 / 3	
	/ V-0	
1.5 - 120 mm <sup>2</sup>		
16...70 mm <sup>2</sup>		
6.0...12 Nm		
Rated voltage when using cable lugs to DIN 46234		

Type	Qty	Order No.
ST 4000/S M8	25	1809110000
ST 4000/S M8 F	25	1809120000
Weidmüller can prepare drawings for a ST 4000 application to customer specification.		

Type	current	Qty	Order No.
ST 4000/S J2 M8	269 A	100	1809310000
ST 4000/S J3 M8	269 A	50	1809320000
ST 4000/S J4 M8	269 A	25	1809330000
Width			
ST 4000/S CB M8/4		100	1809250000
Connecting piece			
ST 4000/S C130		50	1809230000
Partition wall			
ST 4000/S P150	10 mm	50	1809190000
End partition			
ST 4000/S E150	10 mm	50	1809210000
Touch-safe protection			
ST 4000/S S150		20	1809470000

### ST 4000/S M10

120 mm<sup>2</sup>

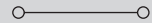
Screw thread M10



40 x 150 x 84

269 / 120

4...120



IEC	UL	CSA
4000		
269		
120		
	30 / 3	
	/ V-0	
4 - 120 mm <sup>2</sup>		
10...20 Nm		
Rated voltage when using cable lugs to DIN 46234		

Type	Qty	Order No.
ST 4000/S M10	25	1809130000
ST 4000/S M10 F	25	1809140000
Weidmüller can prepare drawings for a ST 4000 application to customer specification.		

Type	current	Qty	Order No.
ST 4000/S J2 M10		100	1809340000
ST 4000/S J3 M10		50	1809350000
ST 4000/S J4 M10		25	1809360000
Width			
ST 4000/S CB M10/4		100	1809260000
ST 4000/S CB M10/6		100	1809270000
Connecting piece			
ST 4000/S C130		50	1809230000
Partition wall			
ST 4000/S P150	10 mm	50	1809190000
End partition			
ST 4000/S E150	10 mm	50	1809210000
Touch-safe protection			
ST 4000/S S150		20	1809470000

**ST 4000/L M10**

**150 mm<sup>2</sup>**

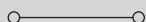
**Screw thread M10**



55 x 180 x 90

**309 / 150**

**10...150**



IEC	UL	CSA
4000		
309		
150		
	30 / 3	
	/ V-0	
10 - 150 mm <sup>2</sup>		
25 - 150 mm <sup>2</sup>		
10...20 Nm		
Rated voltage when using cable lugs to DIN 46234		

Type	Qty	Order No.
ST 4000/L M10	15	<b>1809150000</b>
ST 4000/L M10 F	15	<b>1809160000</b>
Weidmüller can prepare drawings for a ST 4000 application to customer specification.		

Type	current	Qty	Order No.
ST 4000/L J2 M10	309 A	50	<b>1809370000</b>
ST 4000/L J3 M10	309 A	50	<b>1809380000</b>
ST 4000/L J4 M10	309 A	25	<b>1809390000</b>
	<b>Width</b>		
ST 4000/L CB M10/4		100	<b>1809280000</b>
ST 4000/L C160		50	<b>1809240000</b>
ST 4000/L P180	10 mm	50	<b>1809200000</b>
ST 4000/L E180	10 mm	50	<b>1809220000</b>
ST 4000/L S180		1	<b>1809480000</b>

**ST 4000/L M12**

**240 mm<sup>2</sup>**

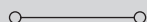
**Screw thread M12**



55 x 180 x 90

**415 / 240**

**10...240**



IEC	UL	CSA
4000		
415		
240		
	30 / 3	
	/ V-0	
10...240 mm <sup>2</sup>		
25...240 mm <sup>2</sup>		
14...31 Nm		
Rated voltage when using cable lugs to DIN 46234		

Type	Qty	Order No.
ST 4000/L M12	15	<b>1809170000</b>
ST 4000/L M12 F	15	<b>1809180000</b>
Weidmüller can prepare drawings for a ST 4000 application to customer specification.		

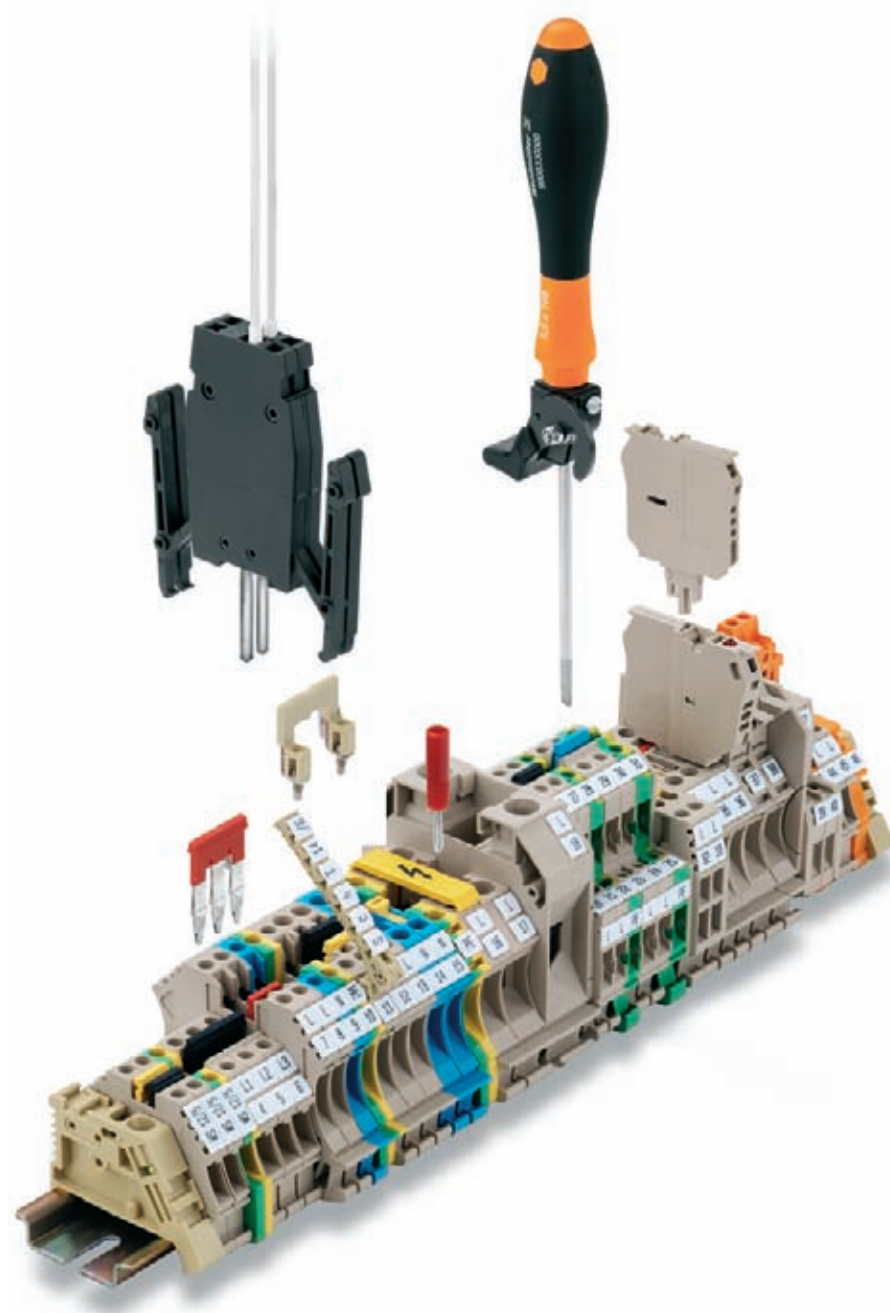
Type	current	Qty	Order No.
ST 4000/L J2 M12		50	<b>1809400000</b>
ST 4000/L J3 M12		50	<b>1809410000</b>
ST 4000/L J4 M12		25	<b>1809420000</b>
	<b>Width</b>		
ST 4000/L CB M12/4		100	<b>1809290000</b>
ST 4000/L CB M12/6		100	<b>1809300000</b>
ST 4000/L C160		50	<b>1809240000</b>
ST 4000/L P180	10 mm	50	<b>1809200000</b>
ST 4000/L E180	10 mm	50	<b>1809220000</b>
ST 4000/L S180		1	<b>1809480000</b>



## Extra functions

Weidmüller offers the user of W-Series terminals a comprehensive range of accessories, providing optimum solutions to every conceivable task – even outside the range of standard functions.

All Weidmüller accessories are built to the same quality standards as the terminals themselves.



### Visual separation – Side covers

Page E.104



To guarantee “finger-safe” use of terminals, the open sides are covered with end plates and partition plates to prevent any contact with conducting parts. End plates and partition plates also come in different colours so that they can be used for visual separation of different circuits.

### Labelling

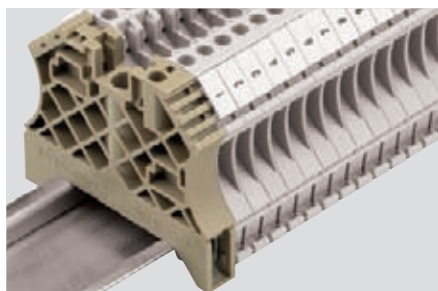
Page E.126



Weidmüller’s labelling systems in **chapter G** are used to label screw terminals. Individual clamping points, terminal groups and conductors can be marked. The cover (WAD) can also be used for labelling mains supply points (see **page E.116**).

**Fastening**

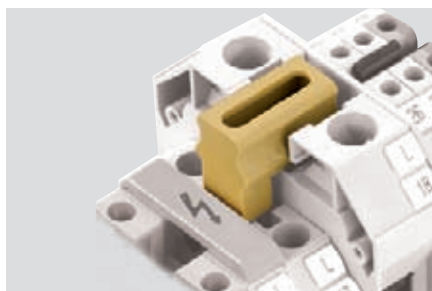
Page G.29



An end bracket is fitted on the terminal rail to the right and left of the terminals to ensure that they sit firmly in position. The marking surface of the end bracket can also be used for group marking. Details of the wide range of Weidmüller end brackets and mounting rails are given in **Chapter F**.

**Power supply**

Page E.110



For the W-Series, power is supplied via standard terminals in conjunction with a special cross-connection, which directly connects terminals for larger and smaller cross-sections (the picture shows WDU 35 on WDU 4).

It is possible to form a link to screw-in cross-connections of smaller cross-sections (WQV 2.5/4/6). This extends current distribution to any number of other terminals of the smaller cross-section.

**Current distribution**

Page E.114



A screw-in and a plug-in cross-connection system is available for Weidmüller screw terminals. The plug-in **cross-connection (ZQV)** for screw terminals is unique. It enables considerable reductions in assembly times. The plug-in cross-connections can be used for nearly all W-Series terminals in the cross-section ranges 2.5 and 4 mm<sup>2</sup>.

**Connecting**

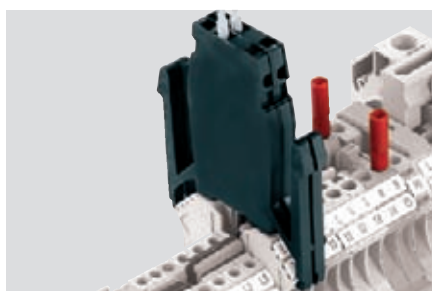
Chapter G



Conductors are connected into Weidmüller terminals using standard screwdrivers, as shown in **chapter F**, **page G.74**.

**Testing**

Page E.123



The slot-in test adapter (WTA) is used as both a single unit and a test adapter strip for measurement in control cabinets. The test adapter is ideal for convenient, rational testing of assembled terminals. However, tests with socket and test plug are also always possible (page E.113).

**Specific functions / colour variations**

Page E.127

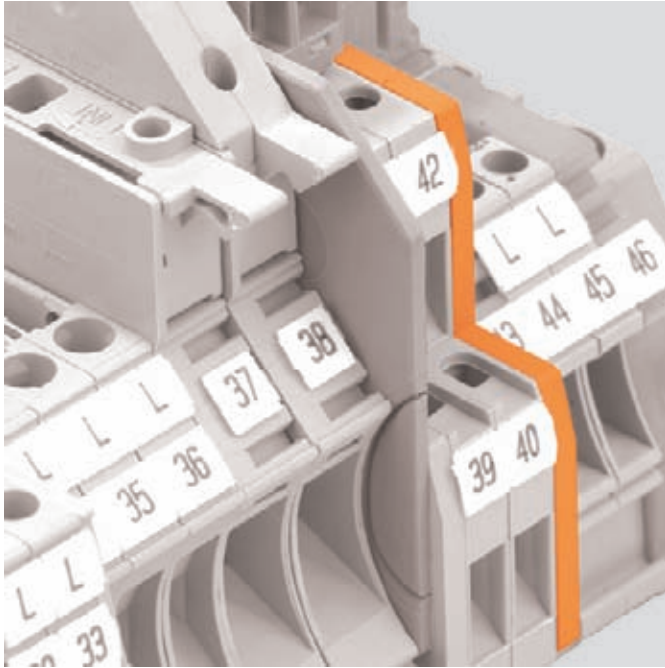


Further helpful accessories are available for terminals using screw clamp technology, such as:

- Pluggable fuse holder (SIHA 1 and SIHA 2)
- Screen plug (LS), short-cir. plug (WDS)
- Extension connectors (WZAD)
- PEN bridges
- Accessories for disconnect test-terminals
- Terminals in various colours
- Pre-fitted **terminal blocks**

## Accessories - Optical separation / lateral cover

### End plates



#### Touch protection

With only a few exceptions, the last terminal in a terminal strip must be closed off with a WAP/AP-type end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes. This ensures the touch-safe requirement is met for live voltage components. The terminals are touch-safe (DIN VDE 0106-100).

#### Optical separation

Coloured end plates are very frequently used for distinguishing the circuits visually.

#### Ensuring the operating voltage

End plates can also be used to maintain the required clearance and creepage distances, in order to guarantee the rated voltage for the application. They can be used when cross-connections are used side-by-side.

**Contour matching** The overall dimensions of the end plates match the external dimensions of the associated terminal.

#### Mounting

The end plate's snap-in pegs allow it to be simply fitted on to the corresponding terminal. The corresponding indentations in the terminal are used to ensure that position follows the identical contours. All colour variations are classified according to UL 94 V-0.

### Ordering data

Type	Colour	Qty	Order No.	For terminal:
WAP 2.5-10	dark beige	50	1050000000	WDU 1.5/ZZ
WAP 2.5-10 BL	blue/light blue	50	1050080000	WDU 1.5/ZZ BL
WAP 2.5-10 BR	brown	50	1050070000	WDU 10
WAP 2.5-10 GE	yellow	50	1050020000	WDU 10 BL
WAP 2.5-10 GE	yellow	50	2068740000	WDU 10 SL
WAP 2.5-10 GN	green	50	1072200000	WDU 10 SL/EN
WAP 2.5-10 GR	grey	50	1050050000	WDU 10 SL/EN SW
WAP 2.5-10 GR 7042	grey	50	1879290000	WDU 2.5
WAP 2.5-10 OR	Orange	50	1050060000	WDU 2.5 BL
WAP 2.5-10 RT	red	50	1050040000	WDU 2.5 F 2X2.8
WAP 2.5-10 SW	black	50	1050010000	WDU 2.5 FF 2*2.8
WAP 2.5-10 VI	violet	50	1072210000	WDU 2.5/1.5/ZR
WAP 2.5-10 WS	white	50	1050090000	WDU 2.5/1.5/ZR BL
				WDU 2.5/TC TYP B
				WDU 2.5/TC TYP E
				WDU 2.5/TC TYP J
				WDU 2.5/TC TYP K
				WDU 2.5/TC TYP N
				WDU 2.5/TC TYP SR
				WDU 2.5/TC TYP T
				WDU 4
				WDU 4 BL
				WDU 4 SL
				WDU 4 SL/EN
				WDU 4 SL/EN SW
				WDU 6
				WDU 6 BL
				WDU 6 SL
				WDU 6 SL/EN
				WDU 6 SL/EN SW
				WDUL 4 100R/0.75W POTI
				WDUL 4 10K/0.75W POTI
				WDUL 4 10R/0.75W POTI
				WDUL 4 1K/0.75W POTI
				WDUL 4 500K/0.1W POTI
				WDUL 4 500R/0.75W POTI
				WDUL 4 50K/0.75W POTI
				WDUL 4 5K/0.75W
				WDUL 4 OHNE POTI
				WNT 10 10X3
				WNT 10 10X3 BE
				WNT 2.5 10X3
				WNT 2.5 10X3 BE
				WNT 4 10X3
				WNT 4 10X3 BE
				WNT 6 10X3
				WNT 6 10X3 BE
				WPE 1.5/ZZ
				WPE 10
				WPE 2.5

Ordering data

Type	Colour	Qty	Order No.	For terminal:
WAP 16+35 WTW 2.5-10	dark beige	20	<b>105010000</b>	WDK 2.5 / 800V
WAP 16+35 WTW 2.5-10 BL	blue/light blue	20	<b>1050180000</b>	WDK 2.5 FF
WAP 16+35 WTW 2.5-10 GR	grey	20	<b>1879140000</b>	WDU 1.5/ZZ
WAP 16+35 WTW 2.5-10 OR	Orange	20	<b>1050160000</b>	WDU 1.5/ZZ BL
				WDU 10
				WDU 10 BL
				WDU 10 SL
				WDU 10 SL/EN
				WDU 10 SL/EN SW
				WDU 10/ZR
				WDU 10/ZR BL
				WDU 16/ZA
				WDU 16/ZA BL
				WDU 2.5
				WDU 2.5 BL
				WDU 2.5 F 2X2.8
				WDU 2.5 FF 2*2.8
				WDU 2.5/1.5/ZR
				WDU 2.5/1.5/ZR BL
				WDU 2.5/TC TYP B
				WDU 2.5/TC TYP E
				WDU 2.5/TC TYP J
				WDU 2.5/TC TYP K
				WDU 2.5/TC TYP N
				WDU 2.5/TC TYP SR
				WDU 2.5/TC TYP T
				WDU 2.5N/600 UL
				WDU 35/IK/ZA
				WDU 4
				WDU 4 BL
				WDU 4 SL
				WDU 4 SL/EN
				WDU 4 SL/EN SW
				WDU 6
				WDU 6 BL
				WDU 6 SL
				WDU 6 SL/EN
				WDU 6 SL/EN SW
				WDUL 4 10R/0,75W POTI
				WDUL 4 10K/0,75W POTI
				WDUL 4 10R/0,75W POTI
				WDUL 4 1K/0,75W POTI
				WDUL 4 500K/0,1W POTI
				WDUL 4 500R/0,75W POTI
				WDUL 4 50K/0,75W POTI
				WDUL 4 5K/0,75W
				WDUL 4 OHNE POTI
				WPE 1.5/ZZ
				WPE 10
				WSI 6
<b>Width</b>				
WAP WDK2.5	dark beige	20	<b>1059100000</b>	WDK 2.5
WAP WDK2.5 RS-SET	dark beige	10	<b>1819170000</b>	WDK 2.5 DU-PE
WAP WDK2.5 BL	blue/light blue	20	<b>1059180000</b>	WDK 2.5 F
WAP WDK2.5 GN	green	20	<b>1059140000</b>	WDK 2.5 F BL
				WDK 2.5 FF
				WDK 2.5 FV
				WDK 2.5 LD GR 1R 24VDC
				WDK 2.5 LD GR 1R 24VDC
				WDK 2.5 LD ROT 1R 24VDC
				WDK 2.5 LD ROT 1R 24VDC
				WDK 2.5 PE
				WDK 2.5 / 800V
				WDK 2.5 ZQV
				WDK 2.5 ZQV BL
				WDK 2.5/D
				WDK 2.5V
				WDK 2.5V BL
				WDK 2.5 1D A.1
				WDK 2.5 1D A.2
				WDK 2.5 2D
				WDK 2.5 2D
				WDK 2.5 2D
				WDK 2.5 BL
				WDK 2.5 D

Ordering data

Type	Colour	Qty	Order No.	For terminal:
WAP WTR2.5/ZZ	dark beige	20	<b>1074600000</b>	WTR 2.5/ZZ
WAP WTR2.5/ZZ BL	blue/light blue	20	<b>1074680000</b>	WTR 2.5/ZZ BL
<b>Width</b>				
WAP WDU/WTR4/ZR	dark beige	50	<b>1905070000</b>	WDU 4/ZR
WAP WDU/WTR4/ZZ	dark beige	50	<b>1905150000</b>	WDU 4/ZZ
				WPE 4/ZR
				WPE 4/ZZ
				WTR 4/ZR
				WTR 4/ZR STB
				WTR 4/ZZ
				WTR 4/ZZ STB
<b>Width</b>				
WAP WDL2.5/S	dark beige	20	<b>1067700000</b>	WDL 2.5/S/L
WAP WDL2.5/S RS-SET	dark beige	5	<b>1819210000</b>	WDL 2.5/S/L/L
				WDL 2.5/S/L/L/PE
				WDL 2.5/S/N/L/PE
				WDL 2.5/S/NT/L/PE
<b>Width</b>				
WAP WDL2.5	beige	20	<b>1067800000</b>	WDL 2.5/L
				WDL 2.5/L/L
				WDL 2.5/L/L/PE
				WDL 2.5/N/L/PE
				WDL 2.5/NT/L/PE
<b>Width</b>				
WAP WDU1.5/BLZ	dark beige	50	<b>1577330000</b>	WDU 1.5/BLZ 5.08
WAP WDU1.5/BLZ/ZA	dark beige	50	<b>1577320000</b>	WDU 1.5/ZQV/BLZ 5.08
				WDU 2.5/BLZ/7.62
<b>Width</b>				
WAP WDK2.5/BLZ/M.ZA	blue	20	<b>1070100000</b>	WDK 2.5 BLZ/5.08/ZA
WAP WDK2.5/BLZ/O.ZA	dark beige	20	<b>1070000000</b>	WDK 2.5 BLZ/7.62/ZA
<b>Width</b>				
AP DLI2.5	beige	20	<b>1313260000</b>	DLA 2.5 DB
AP DLI2.5 DB	dark beige	20	<b>1783550000</b>	DLA 2.5/D DB
				DLA 2.5/LD-GN/D DB
				DLA 2.5/LD-RT DB
				DLI 2,5 DB
				DLI 2.5/LD-GN/NPN +- DB
				DLI 2.5/LD-GN/PNP +- DB
				DLI 2.5/LD-RT/NPN +- DB
				DLI 2.5/LD-RT/PNP +- DB
<b>Width</b>				
AP DLD2.5 DB	dark beige	20	<b>1784210000</b>	DLD 2.5 DB
AP DLD2.5/PE DB	dark beige	20	<b>1783800000</b>	DLD 2.5/PE DB
<b>Width</b>				
WAP WTL6/1	dark beige	20	<b>1068300000</b>	WTD 6/1 EN
				WTL 6/1 EN
				WTL 6/1 EN STB
				WTL 6/1/STB/TNSC/EN
				WTQ 6/1 EN
				WTQ 6/1 EN STB
<b>Width</b>				
ZAP/TW 1	dark beige	50	<b>1608740000</b>	WTL 4
ZAP/TW 1 BL	blue/light blue	50	<b>1608750000</b>	WTL 4/STB
ZAP/TW 1 GN	green	50	<b>1683680000</b>	
ZAP/TW 1 GR	grey	50	<b>1683710000</b>	
ZAP/TW 1 OR	Orange	50	<b>1608760000</b>	
ZAP/TW 1 RT	red	50	<b>1683660000</b>	
<b>Width</b>				
WAP WDU1.5/R3.5	beige	20	<b>1754190000</b>	WDK 1.5/R3.5
				WDK 1.5/R3.5 BL
				WDU 1.5/R3.5
				WDU 1.5/R3.5 BL
				WPE 1.5/R3.5
<b>Width</b>				
WAP WDK1.5/R3.5	dark beige	20	<b>1754200000</b>	WDK 1.5/R3.5
				WDK 1.5/R3.5 BL
<b>Width</b>				
AP AKZ1.5	beige	50	<b>0340560000</b>	AKZ 1.5
AP AKZ1.5 BL	blue	50	<b>0340580000</b>	AKZ 1.5 BL
<b>Width</b>				
AP AKZ2.5	beige	50	<b>0697360000</b>	AKZ 2.5
AP AKZ2.5 BL	blue	50	<b>0697380000</b>	AKZ 2.5 BL
AP AKZ2.5K	beige	50	<b>0697260000</b>	

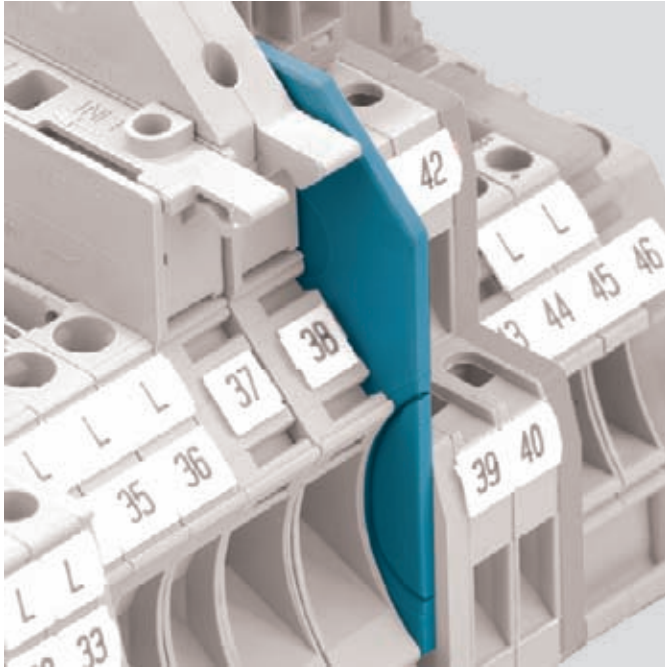
## Accessories - Optical separation / lateral cover

## Ordering data

Type	Colour	Qty	Order No.	For terminal:
<b>Width</b>				
ADL	beige	2	0210800000	AKZ 4
AP AKZ4 DB	beige	20	9537910000	AKZ 4 BL
AP 100 GR	grey	20	1773410000	
AP AKZ4	beige	20	0294460000	
AP AKZ4 BL	blue	20	0294480000	
AP AKZ4 KRG	dark beige/yellow	20	0294420000	
AP AKZ4 KRS	anthracite	20	0294430000	
<b>Width</b>				
WAP WDU2.5N/4N	dark beige	50	1060000000	WDU 2.5N
WAP WDU2.5N/4N RS-SET	dark beige	5	1819180000	WDU 2.5N BL
WAP WDU2.5N/4N BL	blue/light blue	50	1060080000	WDU 2.5N ZQV
WAP WDU2.5N/4N GE	yellow	50	1060090000	WDU 2.5N ZQV BL
WAP WDU2.5N/4N OR	Orange	50	1060060000	WDU 4N
				WDU 4N BL
				WPE 2.5N
				WPE 4N
<b>Width</b>				
WAP WDK2.5/4 N	dark beige	20	1084000000	WDK 2.5N
WAP WDK2.5/4 N BL	Orange	20	1084080000	WDK 4N V
WAP WDK2.5/4 N GR 7042	grey	20	1859010000	WDK 2.5N DU-PE
				WDK 2.5N PE
				WDK 2.5N V
				WDK 2.5N/BL
				WDK 4N
				WDK 4N BL
				WDK 4N DU-PE
				WDK 4N PE
<b>Width</b>				
WAP WTL6/3	beige	20	1879910000	WTL 6/3
<b>Width</b>				
WAP WTL 6 SL	beige	20	9538110000	WTD 6 SL
				WTD 6 SL/EN
				WTL 6 SL
				WTL 6 SL/EN
				WTL 6 SL/EN SW
<b>Width</b>				
WAP WTL4/2	beige	50	1881640000	WTL 4/2/STB
<b>Width</b>				
WAP WTL6/4FF	beige	20	1887240000	WTL 6/4FF
<b>Width</b>				
WAP WSI4/2	beige	50	1880450000	WSI 4
				WSI 4/LD 60-150V AC/DC
				WSI 4/2
				WSI 4/2/LD 10-36V AC/DC
				WSI 4/2/LD 140-250V AC/DC
				WSI 4/2/LD 30-70V AC/DC
				WSI 4/2/LD 60-150V AC/DC
				WSI 4/LD 10-36V AC/DC
				WSI 4/LD 140-250V AC/DC
				WSI 4/LD 30-70V AC/DC
<b>Width</b>				
AP VLI1.5 DB	dark beige	20	1784150000	VLI 1.5
AP VLI1.5/PE DB	dark beige	20	1784160000	VLI 1.5 DB
				VLI 1.5/PE
				VLI 1.5/PE DB
<b>Width</b>				
AP MAK2.5 DB	dark beige	20	7917000000	MAK 2.5
				MAK 2.5 DB
<b>Width</b>				
WAP WFF120	dark beige	20	1073000000	WFF 120
WAP WFF35	dark beige	20	1069700000	WFF 70/AH
WAP WFF70	dark beige	20	1069800000	WFF 120 BL
				WFF 120/3/B
				WFF 120/AH
				WFF 35
				WFF 35 BL
				WFF 35/AH
				WFF 70
				WFF 70 BL



Partition walls



**Ensuring the operating voltage**

The main function of the partitions is to maintain the clearance and creepage distances, as required by the operating voltage. This includes applications with higher security levels (ATEX) or neighbouring groups of cross-connections. For this reason, the partitions are significantly larger than the corresponding terminals.

**Optical separation**

The partitions can be used to achieve a very clear separation of circuits on one terminal strip.

**Dimensions**

**WAP 16+35 WTW 2.5-10**

Length: 60 mm  
Height with TS 35 x 7.5: 63 mm

**WTW EN**

Length: 86 mm  
Height with TS 35 x 7.5: 63 mm

Ordering data

Type	Colour	Qty	Order No.	For terminal:
WAP 16+35 WTW 2.5-10	dark beige	20	1050100000	WDK 2.5 / 800V
WAP 16+35 WTW 2.5-10 BL	blue/light blue	20	1050180000	WDK 2.5 FF
WAP 16+35 WTW 2.5-10 GR	grey	20	1879140000	WDU 1.5/ZZ
WAP 16+35 WTW 2.5-10 OR	Orange	20	1050160000	WDU 1.5/ZZ BL
				WDU 10
				WDU 10 BL
				WDU 10 SL
				WDU 10 SL/EN
				WDU 10 SL/EN SW
				WDU 10/ZR
				WDU 10/ZR BL
				WDU 16/ZA
				WDU 16/ZA BL
				WDU 2.5
				WDU 2.5 BL
				WDU 2.5 F 2X2.8
				WDU 2.5 F 2*2.8
				WDU 2.5/1.5/ZR
				WDU 2.5/1.5/ZR BL
				WDU 2.5/TC TYP B
				WDU 2.5/TC TYP E
				WDU 2.5/TC TYP J
				WDU 2.5/TC TYP K
				WDU 2.5/TC TYP N
				WDU 2.5/TC TYP SR
				WDU 2.5/TC TYP T
				WDU 2.5N/600 UL
				WDU 35/IK/ZA
				WDU 4
				WDU 4 BL
				WDU 4 SL
				WDU 4 SL/EN
				WDU 4 SL/EN SW
				WDU 6
				WDU 6 BL
				WDU 6 SL
				WDU 6 SL/EN
				WDU 6 SL/EN SW
				WDUL 4 100R/0.75W POTI
				WDUL 4 10K/0.75W POTI
				WDUL 4 10R/0.75W POTI
				WDUL 4 1K/0.75W POTI
				WDUL 4 500K/0.1W POTI
				WDUL 4 500R/0.75W POTI
				WDUL 4 50K/0.75W POTI
				WDUL 4 5K/0.75W
				WDUL 4 OHNE POTI
				WPE 1.5/ZZ
				WPE 10
				WSI 6
<b>Width</b>				
WTW EN	dark beige	20	1058800000	SAKS 2/35 DB
				WDK 2.5N DU-PE
				WDK 2.5N PE
				WDK 2.5N V
				WDK 2.5N/BL
				WDK 2.5V
				WDK 2.5V BL
				WDK 4N PE
				WDU 16N
				WDU 16N BL
				WDU 35N
				SAKS 4/35 DB
				WDU 35N BL
				WTD 6 SL
				WTD 6 SL/EN
				WTL 6 SL
				WTL 6 SL/EN
				WTL 6 SL/EN SW
				SAKS 5/35 DB
				WDK 2.5
				WDK 2.5 BL
				WDK 2.5 DU-PE
				WDK 2.5 ZQV
				WDK 2.5 ZQV BL
				WDK 2.5N

Accessories – Cover strips and retaining plates

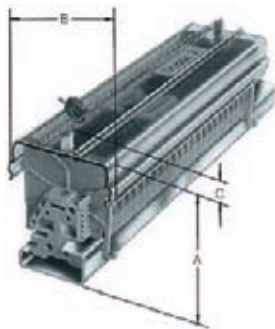
Several German safety regulations, e.g. VBG 4 and VDE 0106 part 100, call for the active parts of electrical equipment to be protected against direct contact.

For this purpose, Weidmüller can supply cover strips and associated retaining plates which can be used for the common sizes of terminal. Retaining plates are fitted at the ends of a terminal strip but can also be inserted between terminals. They are suitable for mounting on TS 32, TS 35 or TS 15 terminal rails.

Spacing of retaining plates:

The distance between the retaining plates for the ADP 1, 2 and 3 cover strips should not exceed about 300 mm.

The cover strip is clipped into lugs at the sides, but can also be fixed to spigots on the retaining plates which can be provided with a lead seal. The cover strips are transparent so that terminals with accessories and markings can be identified at any time. Additional markings, e.g. groups, can be attached to the cover strips.



ADP

Cover strips



Material: unplasticised PVC  
Supplied in 1 m lengths  
Temperature limit: max. 70 °C

transparent

Type	Order No.
ADP 1 	0485200000
ADP 2 	0485300000
ADP 3 	0485400000
<b>grey</b>	
ADP 4 (1000 mm) 	1430760000
ADP 4 (300 mm) 	1378160000
TSK 31.5 	0347960000

HP

Retaining plates



Material: PA 66  
Thickness: 2 mm

For mounting on TS 35 / TS 32, with spigot for lead seal

Type	Order No.
HP 1 	0485560000
HP 2 	0485660000
HP 3 	0485760000
HP 4 	0485860000

For mounting on TS 15

Type	Order No.
HP 7 	0258260000
HP 8 	0258360000

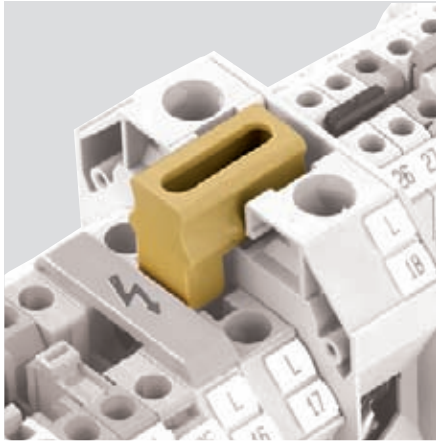
Covers

Overall dimensions	A	A	A	A	B	C
for mounting on terminal rails	TS 32	TS 35 x 7.5	TS 35 x 15	TS 15		
ADP 1, HP 1	61	56	63		49	6
ADP 2, HP 2	77	72	79		62.5	6
ADP 3, HP 3	94	89	86		92	6
ADP 3, HP 4	73.5	68.5	75.5		92	6
ADP 1, HP 8				45	49	6
TSK 31.5, HP 7				35	31	6
<b>Marking materials</b>						
Card with warning "lightning flash", self adhesive						Qty. 5
20 pcs. per card						Order No. 0566700000

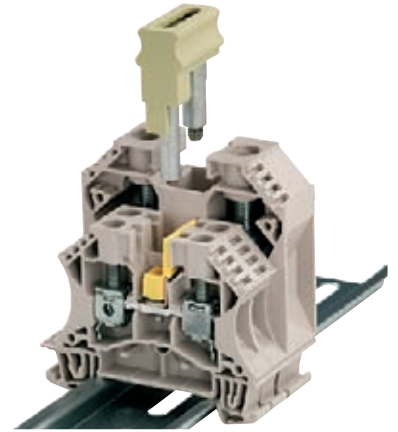




## Potential supply with cross-section reduction



### Mounting



Feed-through terminals such as WDU 35 or WDU 16 are responsible for power supply in the W-Series. The current is routed by the cross-connections shown to terminals of a smaller cross-section (cross-section reduction).

After cross-section reduction, the supply can then be distributed on to any number of terminals of this same cross-section, using standard cross-connectors.

### Function

- Larger conductor cross-section can be used for power supply
- Central current supply and distribution to any number of circuits

First, prepare the **standard cross-connection** that is to distribute the current to other terminals of smaller conductor cross-section. To do so, break off the plastic screwdriver guide at the first pole of the cross-connection by bending it back and forth at the intended break-off point, and remove the fixing screw. Then place the cross-connection in the middle of the terminal.

Now insert the **cross-connection for cross-section reduction** so that there is an overlap of the live parts of the first terminal of the smaller cross-section. Fasten with the screws in the cross-section reduction.

**Important!** The “QL” cross-section reductions are not finger-safe. This can be easily remedied by using the WAD covers for the corresponding terminals.

Potential supply with cross-section reduction

Power supply via

Output terminal

**WDU 35**

WDU 2.5



**WDU 35**

WDU 4 / WDU 6



**WDU 35**

WDU 10



Technical data	
Continuous current 2-pole	A
Thread size	
Tightening torque	Nm
Ordering data	
	2-pole

to WDU 35	to WDU 2.5	
41	M 4	M 2.5
	1.2 ... 1.8	0.4 ... 0.7
Type	Qty.	Order No.
WQV 35-2.5	10	1064100000

to WDU 35	to WDU 4 / 6	
41	M 4	M 3
	1.2 ... 1.8	0.5 ... 0.8
Type	Qty.	Order No.
WQV 35-4/6	10	1064200000

to WDU 35	to WDU 10	
57	M 4	M 3
	1.2 ... 1.8	0.5 ... 0.8
Type	Qty.	Order No.
WQV 35-10	10	1068000000

Power supply via

Output terminal

**WDU 16**

WDU 2.5



**WDU 16**

WDU 4 / WDU 6



Technical data	
Continuous current 2-pole	A
Thread size	
Tightening torque	Nm
Ordering data	
	2-pole

to WDU 16	to WDU 2.5	
41	M 4	M 2.5
	1.2 ... 1.8	0.4 ... 0.7
Type	Qty.	Order No.
WQV 16-2.5	10	1063900000

to WDU 16	to WDU 4 / 6	
41	M 4	M 3
	1.2 ... 1.8	0.5 ... 0.8
Type	Qty.	Order No.
WQV 16-4/6	10	1064000000

Power supply via

Output terminal

**WDU 10**

WDU 2.5



**WDU 10**

WDU 4



Technical data	
Continuous current 2-pole	A
Thread size	
Tightening torque	Nm
Ordering data	
	2-pole

to WDU 10	to WDU 2.5	
24	M 3	M 2.5
	0.5 ... 0.8	0.4 ... 0.7
Type	Qty.	Order No.
QL 10-2.5	10	1859620000

to WDU 10	to WDU 4	
32	M 3	M 3
	0.5 ... 0.8	0.5 ... 0.8
Type	Qty.	Order No.
QL 10-4	10	1859610000

not finger-safe

not finger-safe

Accessories – Potential supply

Potential supply with cross-section reduction

Power supply via

Output terminal

**WDU 16N**

WDU 2.5



**WDU 16N**

WDU 4 / WDU 6



**WDU 6**

WDU 2.5



Technical data	
Continuous current 2-pole	A
Thread size	
Tightening torque	Nm
Ordering data	
	2-pole

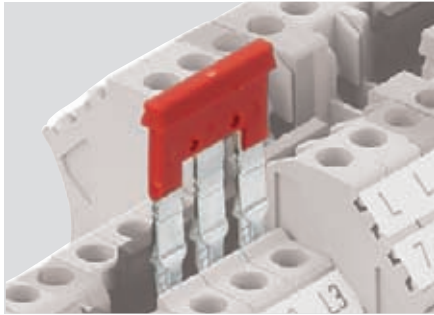
to WDU 16		to WDU 2.5	
24			
M 3		M 2.5	
0.5 ... 0.8		0.4 ... 0.7	
Type	Qty.	Order No.	
WQV 16N-2.5	10	1073100000	

to WDU 16N		to WDU 4 / 6	
41			
M 3		M 3	
0.5 ... 0.8		0.5 ... 0.8	
Type	Qty.	Order No.	
WQV 16N-4/6	10	1072500000	

to WDU 6		to WDU 2.5	
24			
M 3		M 2.5	
0.5 ... 0.8		0.4 ... 0.7	
Type	Qty.	Order No.	
QL 6-2,5	10	1859600000	
not finger-safe			



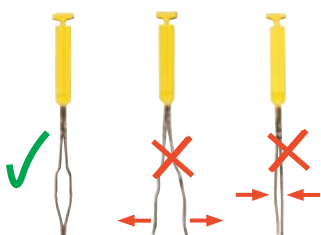
# ZQV plug-in cross-connection



Weidmüller are the leading manufacturer of plug-in cross connection systems for screw clamp terminals. The plug-in cross-connections stand out with their easy handling and quick assembly, resulting in considerable time savings compared to screwed assembly solutions. This also ensures that all poles remain securely in contact.

### Assembly / Technical information

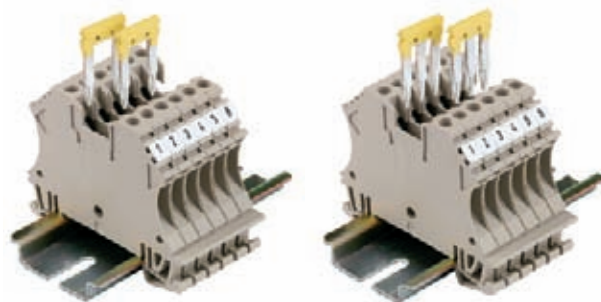
- The ZQV is pressed into the cross-connection channel by hand.
- **Important!** Ensure that the ZQV is pressed right in. The cross-connection must not protrude out of the cross-connection channel.
- To replace or remove, simply lever out with a screwdriver.
- Finger-safe to VDE 0160 part 100 (VGB4)
- Reduced rated voltage 400 V
- Different colours can be used to mark different potential
- **Important!** The contact elements must not be deformed



### In one cross-connection channel



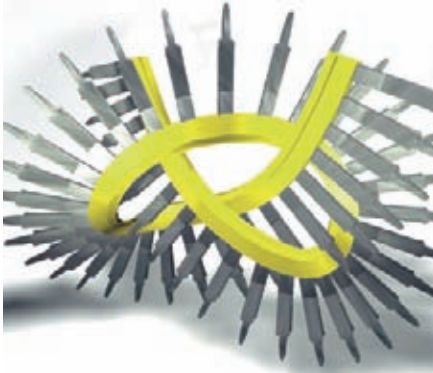
### In two cross-connection channels



### Possible cross-connections of terminals of the same type with corresponding cross-connectors

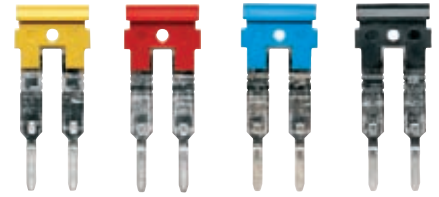
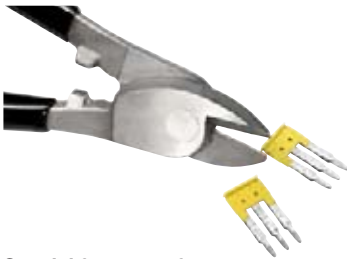
Terminal type	Cross-connector	single	adjacent	bridging	parallel bridging	parallel lengthening
Standard						
WDU 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDK 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDU 2.5/1.5/ZR	ZQV 2.5N	•	•	•	•	•
WDU 2.5	ZQV 2.5N	•	•	•	•	•
WDK 2.5 ZQV	ZQV 2.5N	•	•	•		
WTR 2.5/ZZ	ZQV 2.5	•	•	•		
WDU 4	ZQV 4N	•	•	•	•	•
WTR 4...	ZQV 4N	•	•	•		
WDU/PE/4ZZ/ZR	ZQV 4N	•	•	•	•	•
WTR 4/ZZ/ZR	ZQV 4N	•	•	•		
Compact						
WDU 2.5N ZQV	ZQV 2.5N	•	•	•	•	•
WDK 2.5N...	ZQV 2.5N	•	•	•		
WDK 2.5N PE	ZQV 2.5N	•	•	•		
WDU 4N	ZQV 4N	•	•	•	•	•
WDK 4N...	ZQV 4N	•	•	•		
WDK 4N PE	ZQV 4N	•	•	•		

ZQV 2.5N



Continuous cross-connection

ZQV 2.5N/20 (20-pole) and ZQV 4N/20 (20-pole) are ideal for shortening (e.g. with tool KT ZQV – 9002170000) to produce customised configurations with the required number of poles. More than 20 poles in a row are not recommended because of the resulting tolerances in the terminals.



No. of poles	Type	I [A]	Qty.	Order No. yellow	Order No. red	Order No. blue	Order No. black
2	ZQV 2.5N/2	24	60	1693800000	1717900000	1717990000	1718080000
3	ZQV 2.5N/3	24	60	1693810000	1717910000	1718000000	1718090000
4	ZQV 2.5N/4	24	60	1693820000	1717920000	1718010000	1718100000
5	ZQV 2.5N/5	24	20	1693830000	1717930000	1718020000	1718110000
6	ZQV 2.5N/6	24	20	1693840000	1717940000	1718030000	1718120000
7	ZQV 2.5N/7	24	20	1693850000	1717950000	1718040000	1718130000
8	ZQV 2.5N/8	24	20	1693860000	1717960000	1718050000	1718140000
9	ZQV 2.5N/9	24	20	1693870000	1717970000	1718060000	1718150000
10	ZQV 2.5N/10	24	20	1693880000	1717980000	1718070000	1718160000
20	ZQV 2.5N/20	24	20	1909000000	1909110000	1909140000	1909130000

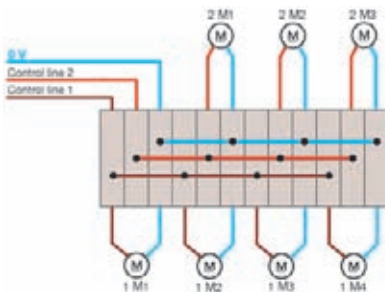
  

For standard terminal	For compact terminal
WDU 2.5/1.5 ZR	WDU 2.5N
WDU 2.5	WDK 2.5N
WDK 2.5/ ZQV	WDK 2.5N V
WDU 1.5 BLZ 5.08/ ZQV	WDK 2.5N DU-PE

Special features of

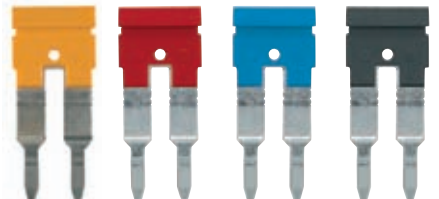
WDU 2.5, WDU 4 and WDU 2.5/1.5/ZR

- Parallel distribution of 3 potentials  
**Important!** Rated voltage reduced to 125 V!
- Parallel distribution of 2 potentials  
**Important!** Only when using the outer cross-connection holes at 400 V
- The middle cross-connection hole can be used for either ZQV or WQV



**Important!** For shortened ZQV located adjacent to each other (with bare cut edges), end plates or partition plates are necessary for rated voltage of 250 V.

ZQV 4N



No. of poles	Type	I [A]	Qty.	Order No. yellow	Order No. red	Order No. blue	Order No. black
2	ZQV 4N/2	32	60	1758250000	1793950000	1793960000	1793970000
3	ZQV 4N/3	32	60	1762630000	1793980000	1793990000	1794000000
4	ZQV 4N/4	32	60	1762620000	1794010000	1794020000	1794030000
5							
6							
7							
8							
9							
10	ZQV 4N/10	32	20	1758260000	1794040000	1794050000	1794060000
20	ZQV 4N/20	32	20	1909020000	1909150000	1909100000	1909120000

For standard terminal	For compact terminal
WDU 4	WDU 4N
WTR 4	WDK 4N
WTR 4 SI	WDK 4N V
WTR 4 SL	WDK 4N DU-PE
WTR 4/ZZ+ZR	WDK 2.5N V
WDU/PE4/ZZ+ZR	WDK 2.5N DU-PE

## WQV screw-in cross-connection



When used together with W-Series terminals, WQV insulated cross-connection units guarantee absolute safety for finger and back-hand in accordance with the accident prevention regulation “Electrical systems and equipment” (VGB4). It is very easy to produce individual configurations thanks to the many different options offered by the WQV cross-connection system, by breaking out individual segments, creating any required number of poles or routing two potentials in parallel, etc.

### Technical instructions

- The full rated current of the terminals can be routed across any number of poles
- No end plates or partition plates needed for adjacent WQV up to 400 V.

### Assembly

- Place the WQV in the cross-connection channel in the middle of the terminal and screw tight.
- Individual WQV segments can be broken out by bending over or using the WAW1 tool (9004500000). It is then possible to bridge individual or several terminals.
- Captive fixing screws.
- Snap onto the clamped support – simple overhead assembly.

### Any number of poles (extending)

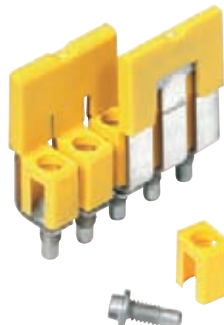
Pre-fitted cross-connections can be set one after the other to produce any required number of poles.

To do so, arrange the last and first contact points of two identical WQVs so that they overlap.

- First, remove the fixing screw and screwdriver guide (insulated part) at one of the outer contact points of one of the WQVs.



- Then insert the WQV without fixing screw and insulated part. At the same time, insert an unmodified WQV in parallel so as to produce an overlap at the connection. The connection is screwed tight using the fixing screw of the unmodified WQV.

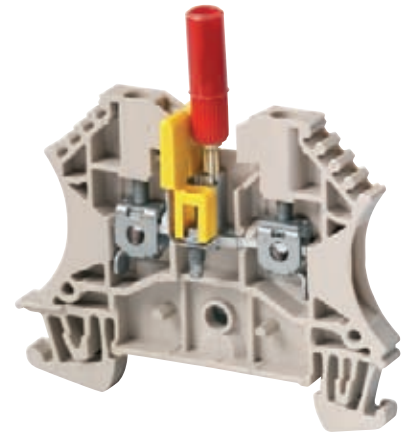


### Routing 2 potentials in parallel

- In spite of only having 1 channel, the WQV cross-connection system can still be used for offset cross-connections. See the photo “parallel bridging” (page E.107).

### WQV in combination with a socket contact and test plug

- Remove the fixing screw and insulation part of the WQV. Screw the socket in at this point. This now makes it possible to integrate a safe test point.

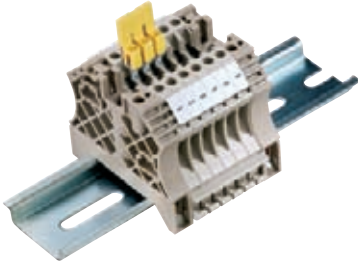




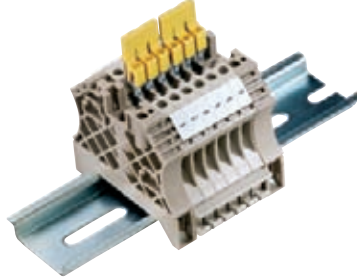
# Potential distribution – possible combinations

## In one cross-connection channel

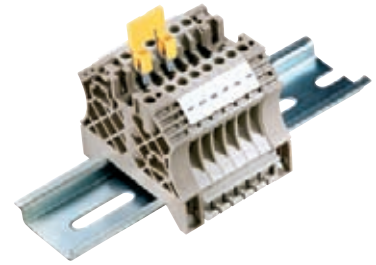
single



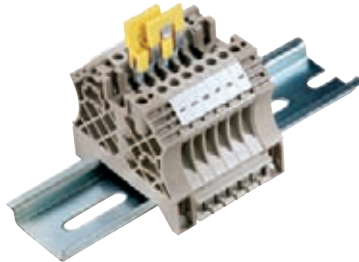
adjacent



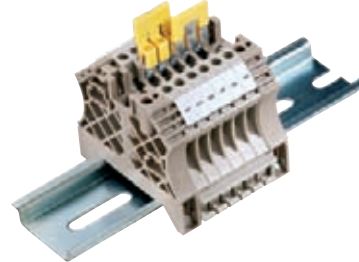
bridging



parallel/bridging



lengthening



## Possible cross-connections of terminals of the same type with appropriate cross-connectors

Terminal type	Cross-connector	single	adjacent	bridging	parallel/bridging	parallel/lengthening
Standard						
WDU 1.5/ZZ	WQV 2.5	•	•	•	•	•
WDU 1.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5/1.5/ZR	WQV 2.5	•	•	•	•	•
WDU 2.5 - WDU 35	WQV 2.5 - WQV 35	•	•	•	•	•
WDK 2.5...	WQV 2.5	•	•	•	•	•
WDK 2.5 PE	WQV 2.5	•	•	•	•	•
WDU 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDK 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5 F...	WQV 2.5	•	•	•	•	•
WDK 2.5 F...	WQV 2.5	•	•	•	•	•
WDU 4... - WDU 35...	WQV 4 - WQV 35	•	•	•	•	•
WDU 70/95	WQV 70/95	•	•			
WDU 120/150	WQV 120/150	•	•			
WDU 240	WQB 240	•	•			
Compact						
WDU 2.5N	WQV 2.5	•	•	•	•	•
WDU 2.5N 600V	WQV 2.5	•	•	•	•	•
WDU 16N	WQV 16N	•	•	•	•	•
WDU 35N	WQV 35N	•	•			
WDU 50N	WQV 50N	•	•			
WDU 70N	WQV 70N	•	•			
WDU 95N/120N	WQV 95N/120N	•	•			

Accessories - Electrical distribution

**WQV 2.5**



Technical data	
current	A
Type of fixing	Screwed
Pitch	mm
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
15-pole	
20-pole	
32-pole	

/ 32		
Screwed		
5.10		
Type	Qty	Order No.
WQV 2.5/2	50	1053660000
WQV 2.5/3	50	1053760000
WQV 2.5/4	50	1053860000
WQV 2.5/5	10	1053960000
WQV 2.5/6	10	1054060000
WQV 2.5/7	10	1054160000
WQV 2.5/8	10	1054260000
WQV 2.5/9	10	1054360000
WQV 2.5/10	20	1054460000
WQV 2.5/15	10	1059660000
WQV 2.5/20	10	1577570000
WQV 2.5/32	10	1577600000

**For terminal:**  
 WDU 1.5 ZZ      WDK 2.5  
 WDU 1.5 BLZ    WDK 2.5 V  
 WDU 2.5/1.5 ZR   WDK 2.5 DU-PE  
 WDU 2.5          WDK 2.5 F  
 WDU 2.5 F

**WQV 4**



/ 41		
Screwed		
6.10		
Type	Qty	Order No.
WQV 4/2	50	1051960000
WQV 4/3	50	1054560000
WQV 4/4	50	1054660000
WQV 4/5	10	1057860000
WQV 4/6	10	1057160000
WQV 4/7	10	1057260000
WQV 4/8	10	1057960000
WQV 4/9	10	1058060000
WQV 4/10	20	1052060000
WQV 4/15	10	1057460000

**For terminal:**  
 WDU 4  
 WDU 4 SL

**WQV 6**



/ 57		
Screwed		
8.00		
Type	Qty	Order No.
WQV 6/2	50	1052360000
WQV 6/3	50	1054760000
WQV 6/4	50	1054860000
WQV 6/5	50	1062660000
WQV 6/6	50	1062670000
WQV 6/7	50	1062680000
WQV 6/10	20	1052260000

**For terminal:**  
 WDU 6  
 WDU 6 SL

**WQV 35N**



Technical data	
current	A
Type of fixing	Screwed
Pitch	mm
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
15-pole	
20-pole	
32-pole	

/ 101		
Screwed		
16.00		
Type	Qty	Order No.
WQV 35N/2	20	1079200000
WQV 35N/3	20	1079300000
WQV 35N/4	20	1079400000

**For terminal:**  
 WDU 35N

**WQV 50N**



/ 150		
Screwed		
18.50		
Type	Qty	Order No.
WQV 50N/2	5	1834060000
WQV 50N/3	5	1834070000
WQV 50N/4	5	1834080000

**For terminal:**  
 WDU 50N

**WQV 70N**



/ 192		
Screwed		
20.50		
Type	Qty	Order No.
WQV 70N/2	5	9512240000
WQV 70N/3	5	9512250000
WQV 70N/4	5	9531290000

**For terminal:**  
 WDU 70N



## Accessories - Electrical distribution

## Screwable QV

## Q AKZ 4 SS



Technical data	
current	A
Type of fixing	Screwed
Pitch	mm
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
10-pole	
20-pole	

Type	Qty	Order No.
Q 2 AKZ4SS	50	0369000000
Q 3 AKZ4SS	50	0369100000
Q 4 AKZ4SS	50	0369200000
Q 10 AKZ4SS	20	0369300000

**For terminal:**  
WDK 2.5 / 800 V

## Q / DLI



Type	Qty	Order No.
Q 2 DLI	50	1312500000
Q 3 DLI	50	1312600000
Q 4 DLI	50	1312700000
Q 5 DLI	50	1312800000
Q 10 DLI	20	1313100000
Q 20 DLI	20	1399800000

**For terminal:**  
DLI 2.5  
DLA 2.5  
DLD 2.5

## Q AKZ 1.5



Type	Qty	Order No.
Q 2 AKZ1.5	50	0368200000
Q 3 AKZ1.5	50	0368300000
Q 4 AKZ1.5	50	0368400000
Q 10 AKZ1.5	20	0368500000

**For terminal:**  
AKZ 1.5  
AKZ 2.5

## Screwable QV

## Q AKZ 4



Technical data	
current	A
Type of fixing	Screwed
Pitch	mm
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
10-pole	
20-pole	

Type	Qty	Order No.
Q 2 AKZ4	50	0336400000
Q 3 AKZ4	50	0336500000
Q 4 AKZ4	50	0336600000
Q 10 AKZ4	20	0368600000

**For terminal:**  
AKZ 4

## Q / WDL



Type	Qty	Order No.
Q 2 WDL2.5S	50	1071500000
Q 3 WDL2.5S	50	1071600000
Q 4 WDL2.5S	50	1071700000
Q 10 WDL2.5S	20	1071800000
Q 20 WDL2.5S	20	1074200000

**For terminal:**

WDL 2.5/S...(with 10 x 3 busbar)  
WDL 2.5 (With isolator, external side)

# Accessories for stud terminals

## Potential distribution

The power distribution between neighbouring stud terminals can be achieved simply with the use of 2- and 3-pole cross-connections (see the section under stud terminals).

However, a cross-section reduction is required in special cases. These so-called cross-connection lugs are available for thread sizes from M6 to M10 and can be combined as required. This is helpful for power supplies and power distribution, for example.

## WQL

### Special cross-connection lugs

WQL 2 WF 6–10



WQL 3 WF 6–10/2



WQL 2 WF 6/8



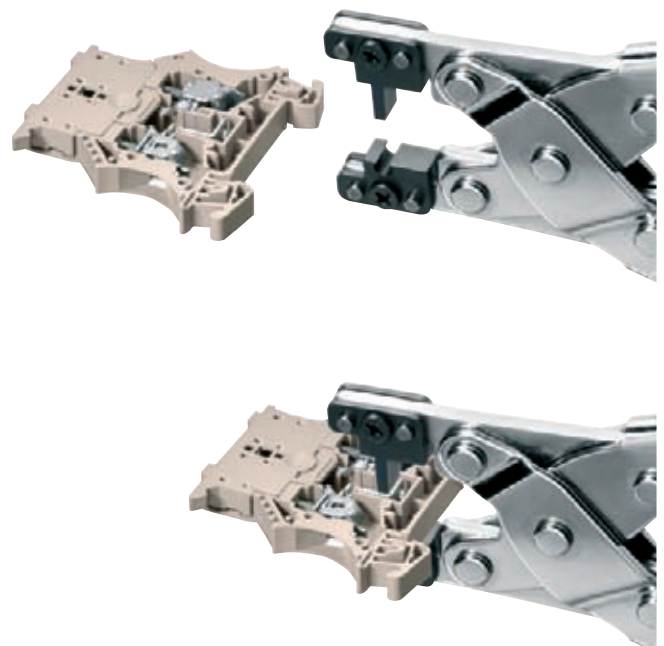
Type	Current [A]	Qty.	Order No.	Primary stud connection [M...]	Neighbouring stud connection [M...]
WQL 2 WF 6–10 t = 4 mm	125	5	1806620000	WF 6 = 1 pole M 6	1 x WF 10 = 1 pole M 10
WQL 3 WF 6–10/2 t = 4 mm	125	5	1806640000	WF 6 = 1 pole M 6	2 x WF 10 = 2 poles M 10
WQL 2 WF 6/8 t = 4 mm	125	5	1808980000	WF 6 = 1 pole M 6	1 x WF 8 = 1 pole M 8
WQL 4 WF 8–6/3 t = 4 mm	125	5	1904960000	WF 8 = 1 pole M 8	3 x WF 6 = 3 poles M 6

## Cross-connections with test-disconnect terminal / fuse terminal WSI 6

### Installation

Screw the cross-connection lugs QL X SAK6N directly to the current bar (Order No. 1052100000 KISC M3X5). To do this, push out the pre-punched side window of the terminal carrier with the help of tool WAW 2 (order No. 9004510000) and clip the terminal in place. Now open the fuse holder and insert the fixing screw. Slip the cross-connection lug in through the punched opening in the side of the terminal carrier and secure it with the fixing screw.

**Important!** The side window of the last terminal may not be broken out as otherwise the rated voltage cannot be guaranteed.



# External cross-connection bridges

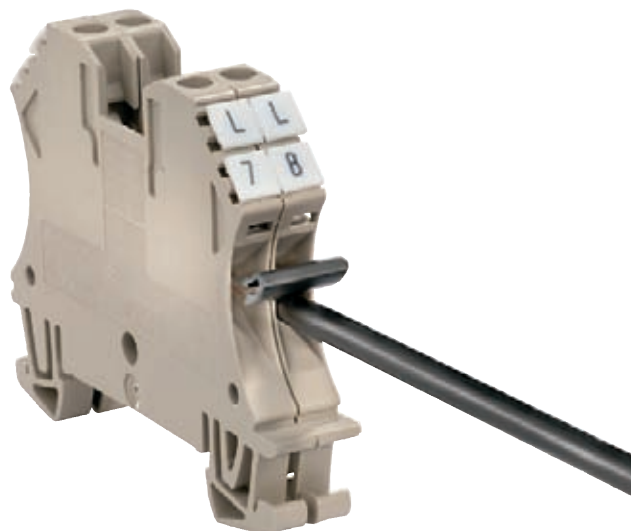
## Function

External cross-connection bridges allow for current to be bridged in terminals without a cross-connection channel in the middle or when two potentials are to be routed in parallel.

## Assembly

These bridges are positioned over the conductor in the clamping point and connected. Individual contacts can be separated off by hand when you wish to skip a clamping point.

**Important!** Use of these parts reduces the nominal cross-section of the connected conductor to the next smallest size for the terminal in question.



### QL ... for WSI 6

Pitch 6.3 mm



### WQB A / ...

Pitch 5.1 mm



### WQB B / ...

Pitch 5.1 mm



## Technical data

	QL ... for WSI 6	WQB A / ...	WQB B / ...
Continuous current 2-pole/multi-pole	A	24 / 24	24 / 24
Fork length	mm	12	16

## Ordering data

	Type	Qty.	Order No.	Type	Qty.	Order No.	Type	Qty.	Order No.
2-pole	QL 2	100	0194300000	WQB A / 2	50	1578950000	WQB B / 2	50	1579010000
3-pole	QL 3	100	0194400000	WQB A / 3	50	1578960000	WQB B / 3	50	1579020000
4-pole	QL 4	50	0194500000	WQB A / 4	50	1578970000	WQB B / 4	50	1579030000
10-pole	QL 10	20	0338300000	WQB A / 10	50	1578990000	WQB B / 10	50	1579050000
24-pole				WQB A / 24	50	1579000000	WQB B / 24	50	1579060000
Fixing screw	BS-M 3 x 5	100	1052100000						
Releasing tool	WAW 2	1	9004510000						
	<b>Releasing tool</b>			<b>Releasing tool</b>			<b>Releasing tool</b>		
	WSI 6...			WDK 2.5			WDU 1.5 / ZZ (lower connection level)		
							WDU 2.5		
							WDU 2.5 / 1.5 / ZR (lower connection level)		
							WTR 2.5		

# Testing in terminals

## PS

### Test plug



Test plugs (PS) are used for measurements or final testing of ready wired terminal strips. Test plugs are available for socket contacts with an internal diameter of 2.3 mm or 4 mm.

The difference to the test adapter is that the test plug does not slot into the terminal. This means that reliable plugging into feed-through terminals up to 35 mm<sup>2</sup> is only possible with a socket.

#### Special feature for large cross-sections

WDU 70N, WDU 95N/120N, WDU 70/95, WDU 120/150

In these terminals, test plug PS 4 can be plugged into the head of the clamping screw for measurements.

### Ordering data

Test plug	Qty.	Order No.
<b>2.3 mm diameter / rated current 17.5 A</b>		
PS 2.3	20	0180400000
<b>4.0 mm diameter / rated current 24 A</b>		
PS 4	20	0299600000

## StB

### Socket



The StB socket is used for fitting the PS test plug. The sockets are screwed into the busbar in the cross-connection channel in the middle of the terminal. The WTR test-disconnect terminals are available with pre-assembled sockets (refer to the W-Series test-disconnect terminals). The sockets are equipped with a slot for the screwdriver. A special screwdriver blade guarantees that the sockets are securely tightened (see catalogue 6, chapter F).

#### Combining with WQV

The socket can be used in combination with the WQV screw-in crossconnection. For this purpose, the insulating part of the screw and the fixing screw have to be removed at the corresponding pole in the WQV. The socket can then be screwed in.

### Ordering data

Socket	For test plug	Qty.	Order No.	For standard terminal	For compact terminal
<b>Thread M 2.5 / Length 11.5 mm</b>					
StB 8.5	PS 2.3	50	0215700000	WDU 1.5/ZZ WDU 2.5/1.5/ZR WDU 2.5 WDK 2.5...	WDU 2.5N (WQV) WDU 2.5N 600V UL
<b>Thread M 3 / Length 12 mm</b>					
StB 8.5	PS 2.3	50	0280600000	WDU 4 WDU 6 WDU 10 WDU 10/ZR	
<b>Thread M 3 / Length 19 mm</b>					
StB 14	PS 4	50	0169900000	WDU 10 WDU 10ZR	WDU 16N
<b>Thread M 4 / Length 23 mm</b>					
StB 16	PS 4	50	0140200000	WDU 16	WDU 35N
<b>Thread M 3 / Length 23 mm (finger-safe)</b>					
StB 21.6	PS 4	50	1071000000	WDU 4 WDU 10	WDU 6



Accessories - Testing / checking

Test adapter

WTA 1



WTA 2



WTA 3



Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Flexible with ferrule	mm <sup>2</sup>
Ordering data	
1-pole	
With snap-in pegs	
10-pole	

5 / 66.1 / 98.2			
6			
IEC	UL	CSA	
250	300	300	
6	6	6	
1.5			
0.5...1.5			
1...1.5 / 0.5...1.5			
Type	Qty	Order No.	
WTA 1 WDU1.5	25	1632290000	
WTA 1/ZA WDU1.5	25	1632300000	
For terminal:			
WDU 2.5N			
WDU 4N			

5 / 66.1 / 107.6			
6			
IEC	UL	CSA	
250	300		
6			
1.5			
0.5...1.5			
1...1.5 / 0.5...1.5			
Type	Qty	Order No.	
WTA 2 WDU2.5-10	25	1632320000	
WTA 2/ZA WDU2.5-10	25	1632330000	
WTA 2/10 WDU2.5/10	5	1632340000	
For terminal:			
WDU 1.5 ZZ	WDU 4		
WDU 2.5/1.5 ZR	WDU 6		
WDU 2.5	WDU 10		
WDU 2.5 F	WDU 16		

6 / 66.1 / 107.6			
6			
IEC	UL	CSA	
250	300		
6			
1.5			
0.5...1.5			
1...1.5 / 0.5...1.5			
Type	Qty	Order No.	
WTA 3 WDU4	25	1632350000	
WTA 3/ZA WDU4	25	1632360000	
WTA 3/10 WDU4/10	5	1632370000	
For terminal:			
WDU 4			
WDU 6			
WDU 10			

E

Test adapter

WTA 6



WTA 7



Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Flexible with ferrule	mm <sup>2</sup>
Ordering data	
1-pole	
With snap-in pegs	
10-pole	

5 / 66.1 / 107.6			
6			
IEC	UL	CSA	
250	300	300	
6	6	6	
1.5			
0.5...1.5			
1...1.5 / 0.5...1.5			
Type	Qty	Order No.	
WTA 6 WTR2.5	25	1632380000	
WTA 6/ZA WTR2.5	25	1632390000	
For terminal:			
WTR 2.5			

6 / 68 / 120			
6			
IEC	UL	CSA	
250	300		
6			
1.5			
0.5...1.5			
1...1.5 / 0.5...1.5			
Type	Qty	Order No.	
WTA 7 WSI6	25	1650210000	
For terminal:			
WSI 6			

**WTA 4N**



5 / 62 / 111.6

IEC	UL	CSA
250	300	
6		
1.5		

0.5...1.5

1...1.5 / 0.5...1.5

Type	Qty	Order No.
WTA 4N WDK 2.5	25	1878660000
WTA 4N/ZA WDK 2.5	25	1879350000

**For terminal:**

WDK 2.5  
WDK 2.5 V  
WDK 2.5 F  
WDK 2.5 FV

**WTA 5**



5 / 17 / 68.2

IEC	UL	CSA
250	300	
6		
0.75		

0.5...1

1...1 / 0.5...1

Type	Qty	Order No.
WTA 5/1	25	1051260000
WTA 5/10	5	1062060000

**For terminal:**

WDU 2.5                      WDU 10  
WDU 4                        WDU 10 ZR  
WDU 6

**Test adapter**

**Dimensions**

Width / Length / Height            mm  
Stripping length                      mm

**Rated data**

Rated voltage                            V  
Rated current                            A  
Rated cross-section                    mm<sup>2</sup>

**Clamped conductors (H05V/H07V)**

solid / stranded                        mm<sup>2</sup>  
flexible / Flexible with ferrule      mm<sup>2</sup>

**Ordering data**

red  
red  
green  
green  
beige  
beige

**WTA 8**



6 / 39 / 78

IEC	UL	CSA
205		
6		
1.5		

0.5...2.5

Type	Qty	Order No.
WTA 8 TN-KO/ZA	25	1915520000
WTA 8 TN-KO	25	1915470000
WTA 8 KO-TN/ZA	25	1915510000
WTA 8 KO-TN	25	1915480000
WTA 8 TN/ZA	25	1915500000
WTA 8 TN	25	1915450000

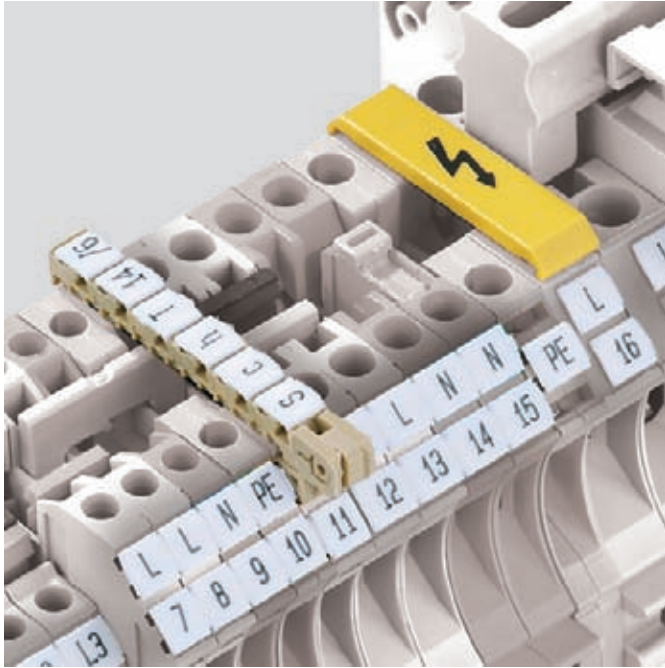
**For terminal:**

WTL 4/2 StB

TN-KO = Isolate - Contact  
KO-TN = Contact - Isolate  
TN = Isolate

## Accessories - Marking

## Labelling / cover



The WAD cover is snapped on to the centre of the terminal on the cross-connection channel, from the top down. The covers are delivered in yellow with a black lightning flash symbol and also in white without markings.

The WAD covers are available for all feed-through terminals in the W-Series.

## Labelling of mains terminals

VDE regulations require that mains terminals be labelled with „Warning Voltage“ and a lightning flash symbol.

## Convenient labelling options

A white cover with no print is well suited for manual terminal labelling or for group labelling.

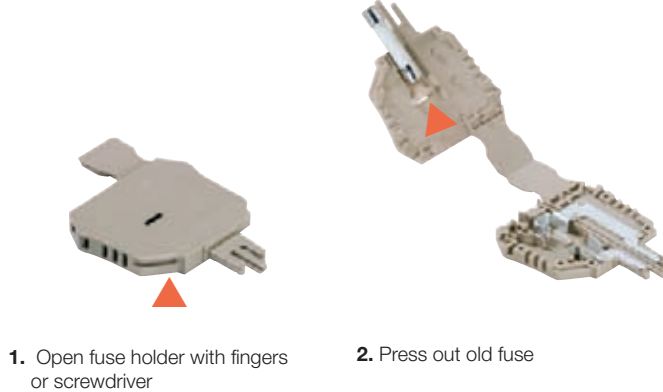
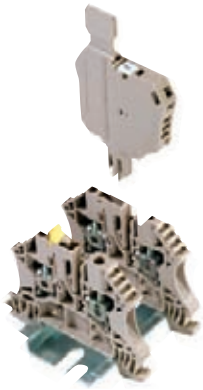
## Touch protection with uninsulated cross-connections

**Important!** When cross-connecting the WDU 70N, WDU 95N/120N, WDU 70/95 and WDU 120/150, touch protection is guaranteed by the cover, in compliance with VDE directives.

## WAD

Type	Colour	Qty	Order No.	For terminal:
<b>Width</b>				
WAD 4 GE BED	yellow	50	1072000000	WDK 2.5
WAD 4 WS	white	50	1072100000	WDK 2.5 / 800V
				WDK 2.5 BL
				WDK 2.5 DU-PE
				WDK 2.5 F
				WDK 2.5 F BL
				WDK 2.5 FF
				WDK 2.5 FV
				WDK 2.5 ZQV
				WDK 2.5 ZQV BL
				WDK 2.5/D
				WDK 2.5V
				WDK 2.5V BL
				WDU 1.5/ZZ
				WDU 1.5/ZZ BL
				WDU 2.5 F 2*2.8
				WDU 2.5 FF 2*2.8
				WDU 2.5N
				WDU 2.5N BL
				WDU 2.5N ZQV
				WDU 2.5N ZQV BL
				WDU 2.5N/600 UL
				WDU 4N
				WDU 4N BL
<b>Width</b>				
WAD 5 NEUTRAL	white	50	1056060000	WDU 2.5
WAD 5 M. BL.	yellow	50	1053460000	WDU 2.5 BL
				WDU 2.5/1.5/ZR
				WDU 2.5/1.5/ZR BL
				WDU 4
				WDU 4 BL
				WDU 6
				WDU 6 BL
<b>Width</b>				
WAD 8 NEUTRAL	white	50	1056160000	WDU 10
WAD 8 M. BL.	yellow	50	1053560000	WDU 10 BL
<b>Width</b>				
WAD 12 NEUTRAL	white	50	1056260000	WDU 16/ZA
WAD 12 M. BL.	yellow	50	1055960000	WDU 16/ZA BL
				WDU 16N BL
				WDU 35/IK/ZA
				WDU 35/ZA
				WDU 35/ZA BL
<b>Width</b>				
WAD 12N GE BED	yellow	50	1073200000	WDU 16N
WAD 12N WS	white	50	1073290000	
<b>Width</b>				
WAD 16N GE BED	yellow	50	1083600000	WDU 16N
WAD 16N WS	white	50	1083500000	WDU 35N
				WDU 35N BL
<b>Width</b>				
WAD 20 GE WSD	yellow	10	9512260000	WDU 50N
WAD 20 WS	white	10	9512270000	WDU 50N BL
				WDU 70N/35
				WDU 70N/35 BL
				WDU 95N
				WDU 95N BL
<b>Width</b>				
WAD 27 NEUTRAL	white	10	1062960000	WDU 120
WAD 27 M. BL.	yellow	10	1062860000	WDU 120 BL
				WDU 70/95
				WDU 70/95 BL

**SIHA fuse holder**



1. Open fuse holder with fingers or screwdriver

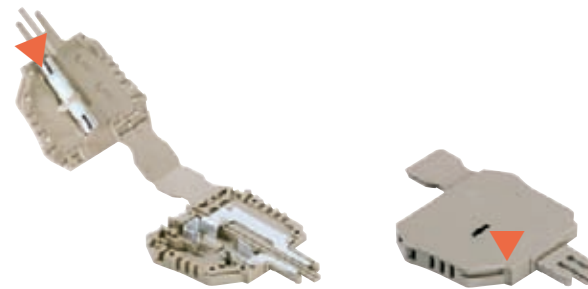
2. Press out old fuse

**For 5x20 G-fuse cartridges**

The SIHA fuse holder turns a test-disconnect terminal into a fuse terminal in seconds:

Simply remove the isolating lever and insert the fuse plug

- Simple handling – no tools required
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)
- Even fits on 5 mm wide terminals when fitted in offset arrangement
- Marking position for Dekafix 5 and space for self-adhesive label size 8/20



3. Position new fuse

4. Press fuse holder together again

**SIHA 1**

**SIHA 3**

**SIHA STRAP**



	Qty.	Order No.
without LED		
<b>SIHA1/G20</b>		
400 V	1	<b>9537550000</b>
with LED (red)		
<b>SIHA1/G20</b>		
10 - 36 V	1	<b>9537560000</b>
35 - 70 V	1	<b>9537570000</b>
60 - 150 V	1	<b>9537580000</b>
140 - 250 V	1	<b>9537590000</b>

**For test-disconnect terminal versions**  
WTR 2.5/ZZ

	Qty.	Order No.
without LED		
<b>SIHA3/G20</b>		
400 V	1	<b>7921560000</b>
with LED (red)		
<b>SIHA3/G20</b>		
10 - 36 V	1	<b>7921570000</b>
35 - 70 V	1	<b>7921580000</b>
60 - 150 V	1	<b>7921590000</b>
140 - 250 V	1	<b>7921600000</b>

**For test-disconnect terminal versions**  
WTR 4  
WTR 4/ZZ  
WTR 4/ZR  
WTR 2.5

	Qty.	Order No.
with strap		
<b>SIHA STRAP</b>		
	20	<b>9537680000</b>

- Connector for "retro-fit" assembly
- Receptacle in the terminal is the marking position
  - Integrated marking position on the strap
  - Slots into fuse holder either left or right

Cartridge fuses

Technical data

For terminal type

WSI 4  
WSI 6



G-type cartridge fuses 5 x 20 without indicators to IEC 60127-2 (VDE 0820 pt.2 Bl<sup>1)</sup>

Size (mm)	Nom. current (A)	Type
5 x 20	0.1	(F) G 20/0.10A/F
	0.2	(F) G 20/0.20A/F
breaking capacity 1500 A (at 250 V, 50 Hz, cos φ 0.7)	0.25	(F) G 20/0.25A/F
	0.5	(F) G 20/0.50A/F
	0.63	(F) G 20/0.63A/F
	1.0	(F) G 20/1.00A/F
	1.6	(F) G 20/1.60A/F
	2.0	(F) G 20/2.00A/F
	2.5	(F) G 20/2.50A/F
	3.15	(F) G 20/3.15A/F
	4.0	(F) G 20/4.00A/F
	5.0	(F) G 20/5.00A/F
	6.3	(F) G 20/6.30A/F

(M) = medium-blow (F) = fast-blow

Ordering data

Qty. Order No.

10	0430300000
10	0430400000
10	0430500000
10	0430600000
10	0439000000
10	0430700000
10	0430800000
10	0430900000
10	0431000000
10	0431100000
10	0431200000
10	0431300000
10	0431400000

WSI 6



G-type cartridge fuses 5 x 25 with indicators to DIN 41576<sup>1)</sup>

5 x 25 w. indicator <sup>2)</sup>	0.25	(M) G 25/0.25A/M
breaking capacity 80 A (at 250 V, 50 Hz, cos φ = 1)	0.5	(M) G 25/0.50A/M
	0.8	(M) G 25/0.80A/M
	1	(M) G 25/1.00A/M
	10	(M) <sup>3)</sup> G 25/10.0A/M
	2	(F) G 25/2.00A/F
	4	(F) G 25/4.00A/F
	6.3	(F) G 25/6.30A/F

(M) = medium-blow (F) = fast-blow

WSI 4/2  
WSI 6/2



Cartridge fuses 1¼" x ¼" without indicators to BS 88

33 kA breaking capacity, 33 kA fast-blow	0.5	GZ 0.5A/F	10	0533800000
E 0.5 A	1	GZ 1.0A/F	10	0525500000
E 1 A	2	GZ 2.0A	10	0294500000
E 2 A	3	GZ 3.0A	10	0295700000
E 3 A	5	GZ 5.0A	10	0294600000
E 5 A	7	GZ 7.0A	10	0295800000
E 7 A	10	GZ 10.0A	10	0293900000
E 10 A	12.5	GZ 12.5A/FF	10	0245400000

(F) = fast-blow (M) = medium-blow

SAKS 2



D-type cartridge fuses E 16 with indicators to DIN 49360 (Diazed)

E 10 A	10	E 16/10A RT	25	0208500000
E 16 A	16	E 16/16A GR	25	0208600000
E 20 A	20	E 16/20A BL	25	0208700000
E 25 A	25	E 16/25A GE	25	0208800000

(F) = fast-blow (M) = medium-blow

SAKS 4 <sup>4)</sup>



D-type cartridge fuses E 14 size D 01 and E 18 size D 02 with indicators to DIN 49522 (Neozed)<sup>5)</sup>

E 14/2	2	E 14/2A RS	10	0137400000
E 14/4	4	E 14/4A BR	10	0137500000
E 14/6	6	E 14/6A GN	10	0328300000
E 14/10	10	E 14/10A RT	10	0328400000
E 14/16	16	E 14/16A GR	10	0328500000
E 18/20	20	E 18/20A BL	10	0361300000
E 18/25	25	E 18/25A GE	10	0361400000
E 18/35	35	E 18/35A SW	10	0361500000
E 18/50	50	E 18/50A WS	10	0361600000
E 18/63	63	E 18/63A KU	10	0361700000

(F) = fast-blow (M) = medium-blow

SAKS 5



<sup>1)</sup> SIBA also supplies G-type cartridge fuses 5 x 25 with indicators suitable for 450 V~ shipbuilding applications.

<sup>2)</sup> Cartridge fuses 5 x 30 (500 V~) for SAKS 3 are available from the WICKMANN company.

<sup>3)</sup> LINDNER also supplies the Neozed cartridge fuses in another version suitable for 440 V~ shipbuilding applications.

<sup>4)</sup> Cartridge fuses in the sizes 1"x¼" (25.4x6.35 mm) and 13/32"x1½" (10.3x38.1 mm) are not included in the range.

<sup>5)</sup> For SAKS 1 and SAKS 7 only.

Gauge pieces

Technical data

For terminal type
SAKS 4/35

SAKS 5/35

SAKS 2/35


Gauge piece type	Amps	Colour	Type
P 14/2	2	pink	P 14/2D01 RS
P 14/4	4	brown	P 14/4D01 BR
P 14/6	6	green	P 14/6D01 GN
P 14/1	10	red	P 14/10D01 RT
P 18/20	20	blue	P 18/20D02 BL
P 18/25	25	yellow	P 18/25D02 GE
P 18/35	35	black	P 18/35D02 SW
P 18/50	50	white	P 18/50D02 WS
P 16/10	10	red	P 16/10 RT
P 16/16	16	grey	P 16/16 GR
P 16/20	20	blue	P 16/20 BL

Ordering data

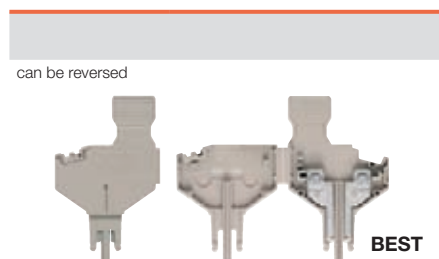
Qty.	Order No.
50	0138000000
50	0138100000
50	0328600000
50	0328700000
50	0361800000
50	0361900000
50	0362000000
50	0362100000
100	0208900000
100	0209000000
100	0209100000

Component isolating plugs

The Weidmüller philosophy is to realise a multitude of applications with just a few parts. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the “disconnecting products” of the W-, Z-, I- and P-Series.

Component plug (up to 250 V)



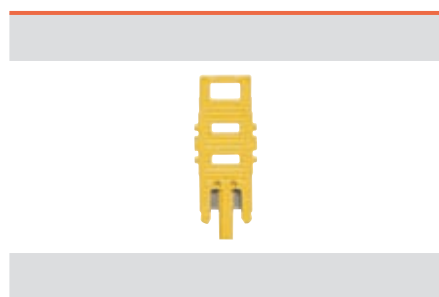
Ordering data

Type	Fitted with...	Qty.	Order No.
BEST	without	25	1833100000
BEST/DRBR	wire jumper	25	1878570000
BEST/D	diode 1N4007	25	1878560000

For terminal type

- WTR 2.5
- WTR 4
- WTR 4/ZZ
- WTR 4/ZR

Isolating plug



Ordering data

Type	Colour	Qty.	Order No.
TNST	Wemid, yellow	25	1833090000

For terminal type

- WTR 2.5
- WTR 4
- WTR 4/ZZ
- WTR 4/ZR

## Accessories – Specific functions and variations

### Screen plug (LS)

A screen plug (LS) is available for many terminals in the W-Series. The bar can be used to continue the shielding over the terminals as an interface. There is no direct connection to earth potential.

#### Assembly

The screen plug is placed flat in the bottom of the terminal in the recess provided. At the ends, the shield can be plugged in with a 2.8 mm Faston connector or also soldered on.

#### Reduced rated voltage

The smaller clearance and creepage sections result in a reduced voltage rating in the terminal when using the screen plug.



### LS 2.8

Type	Qty.	Order No.
LS 2.8 WDU2.5-10	50	1056400000

### Reduced voltage

For standard terminal	Reduced voltage
WDU 1.5/ZZ	400 V
WDU 2.5/1.5/ZR	400 V
WDU 2.5	400 V
WDU 4	400 V
WDU 6	400 V
WDU 10	400 V
WDK 2.5 ZQV	250 V
WDK 2.5 (WQV)	250 V
WTR 2.5...	250 V

For compact terminal	Reduced voltage
WDK 2.5N	250 V
WDK 4N	250 V

### Short-circuit plug (WDS)

Short-circuit plugs (cross-connection plugs) are used together with sockets (diameter 2.3 mm) for easily disconnected cross-connection of terminals.

In the real world, this connector is used very often with test-disconnect terminals. Thanks to its insulated grip, the WDS is touch-safe.

#### Assembly

The plug is simply plugged onto the socket and locks automatically.

For terminal width 5.1 mm



### WDS

Type	Qty.	Order No.
WDS 2	20	1069900000

### Reduced voltage

For terminal
WDU 1.5/ZZ
WDU 2.5/1.5/ZR
WDU 2.5
WDK 2.5... (WQV)
WTR 2.5...
WDU 2.5 F...

### Extension connector (WZAD)



#### Assembly

This connector consists of a metal part which is pushed into the terminal and lodges behind the clamping yoke. The WZAD extension connector is connected to the "main" conductor in the terminal. Another conductor of up to 4 mm<sup>2</sup> and 32A can be screwed to the outer end of the extension connector using a ring cable lug.

An extension connector (WZAD) is offered for feed-through terminals from 70 mm<sup>2</sup>.



Exception WZAD WDU 240

The extension connector for WDU 240 is separately plugged into the terminal above the wire entry and locks automatically. The conductor is connected with a fully insulated screw connection.



### WZAD

Type	Clamped conductor	Rated current	Qty.	Order No.	For terminal
WZAD 70/95	up to 4 mm <sup>2</sup>	32 A	10	1066000000	WDU 70/95
WZAD 120/150	up to 4 mm <sup>2</sup>	32 A	10	1066100000	WDU 120/150
WZAD 240	up to 10 mm <sup>2</sup>	57 A	5	1802810000	WDU 240
WZAD 50N	up to 10 mm <sup>2</sup>	40 A	5	1872720000	WDU 50N
WZAD 70N	up to 4 mm <sup>2</sup>	32 A	10	9512280000	WDU 50N/70N
WZAD 95N/120N	up to 10 mm <sup>2</sup>	41 A	5	1959580000	WDU 95N/120N

### WZAD

Type	Clamped conductor	Rated current	Qty.	Order No.	For terminal
WZAF 35	4 mm <sup>2</sup>	32 A	10	1070500000	WFF 35
WZAF 70	4 mm <sup>2</sup>	32 A	10	1066200000	WFF 70
WZAF 120	4 mm <sup>2</sup>	32 A	10	1066300000	WFF 120
WZAF 185	4 mm <sup>2</sup>	32 A	10	1066400000	WFF 185
WZAF 300	4 mm <sup>2</sup>	32 A	10	1066500000	WFF 300



**PEN bridges**

Energy distribution for machines or in buildings usually consists of 5-conductor systems (TN-S). By contrast, energy supply mains are frequently rated as 4-conductor connection. A PEN bridge joins separate PE and N conductors into one PEN conductor, creating the transition from a TN-S to a TN-C system.

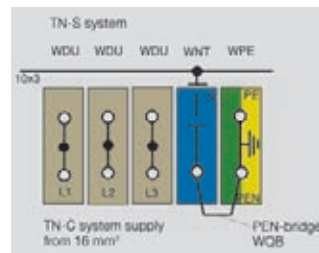
**Standard installation**

Depending on the terminal type, inside or outside PEN bridges are available for both PE and N conductor terminals from 10 mm<sup>2</sup>

**Important!** For outside bridges, please note that in this context only the next smaller rated cross-section (than standard) can be connected.

**Building installation with N-conductor isolation**

Special external cross-connections (WQB-PEN) are available for neutral-conductor test-disconnect terminals (WNT). These establish contact between the NT and PE terminals. This results in an earthed neutral conductor with protection function in three-phase systems.



**External PEN bridge**



**Inside PEN bridge**



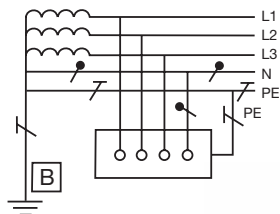
**WQB-PEN ...**

Type	Qty.	Order No.	For terminal
<b>with standard terminals</b>			
WQB-PEN 10	10	1060300000	WPE 10 WDU 10 BL
WQB-PEN 16	10	1060200000	WPE 16 WDU 16 BL
WQB-PEN 35	10	1060100000	WPE 35N WDU 35N BL
<b>with neutral-conductor test-disconnect terminals</b>			
WQB-PEN 16N	10	1079600000	WNT 16N WPE 16N
WQB-PEN 35N	10	1079500000	WNT 35N WPE 35B
WQB-PEN 70N	10	1079700000	WNT 70N WPE 70N

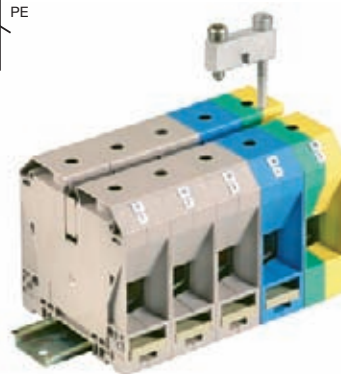
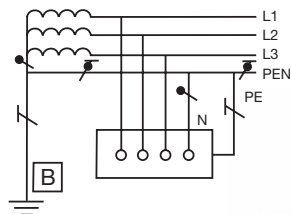
**WQV ... -PEN**

Type	Qty.	Order No.	For terminal
WQV 16N-PEN	10	1071360000	WPE 16N WDU 16N BL
WQV 70N-PEN	5	9201620000	WPE 70N WDU 70N BL
WQV 70/95-PEN	5	1072300000	WPE 70/95 WDU 70/95 BL
WQV 120-PEN	5	1072400000	WPE 120/150 WDU 120/150 BL
WQV 50N-PEN		9201610000	WPE 50N WDU 50N
WQV 95N/120N-PEN		9201620000	WPE 95N/120N WDU 95N/120N

**TN-S system:**



**TN-C system:**



## Accessories – Colour alternatives



The colours listed are available as standard. Other terminal types can be supplied in customised colours on request for quantities exceeding the minimum quantity.

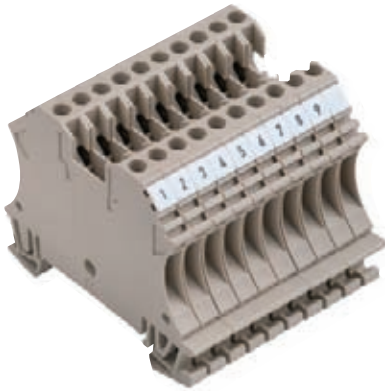
## Standard design

	Colour	Qty	Order No.
<b>WDU 2.5</b>			
WDU 2.5 OR	orange		1020060000
WDU 2.5 BR	brown		1037710000
WDU 2.5 GE	yellow		1020020000
WDU 2.5 GN	green		1020090000
WDU 2.5 GR	grey		1037720000
WDU 2.5 RT	red		1020040000
WDU 2.5 SW	black		1020010000
WDU 2.5 VI	violet		1037700000
WDU 2.5 WS	white		1036800000
<b>WDK 2.5</b>			
WDK 2.5 OR	orange		1021560000
WDK 2.5 WS	white		1790900000
<b>WDK 2.5 V</b>			
WDK 2.5 V OR	orange		1022360000
WDK 2.5 V GE	yellow		1022350000
<b>WDU 4</b>			
WDU 4 OR	orange		1036760000
WDU 4 BR	brown		1037810000
WDU 4 GE	yellow		1020120000
WDU 4 GN	green		1020160000
WDU 4 GR	grey		1037800000
WDU 4 RT	red		1020140000
WDU 4 SW	black		1020110000
WDU 4 VI	violet		1037820000
WDU 4 WS	white		1036700000
<b>WDU 6</b>			
WDU 6 OR	orange		1020260000
WDU 6 GE	yellow		1040220000
WDU 6 GR	grey		1039600000
WDU 6 RT	red		1020240000
WDU 6 SW	black		1020210000
<b>WDU 10</b>			
WDU 10 OR	orange		1020360000
WDU 10 GR	grey		1020320000
WDU 10 RT	red		1020340000
<b>WSI 6</b>			
WSI 6 OR	orange		1011060000
WSI 6 SW	black		1011010000
WSI 6 BL	blue		1011080000
<b>WTD 6/1</b>			
WTD 6/1 GE	yellow		1631760000
WTD 6/1 GR	grey		1017120000
WTD 6/1 RT	red		1631750000
WTD 6/1 SW	black		1631770000
<b>WTL 6/3</b>			
WTL 6/3 BR	brown		1018640000
WTL 6/3 GR	green		1018850000

## Compact design

	Colour	Qty	Order No.
<b>WDU 2.5</b>			
WDU 2.5N OR	orange		1023760000
WDU 2.5N GE	yellow		1023790000
<b>WDK 4N</b>			
WDK 4N OR	orange		1041960000

Pre-fitted terminal blocks



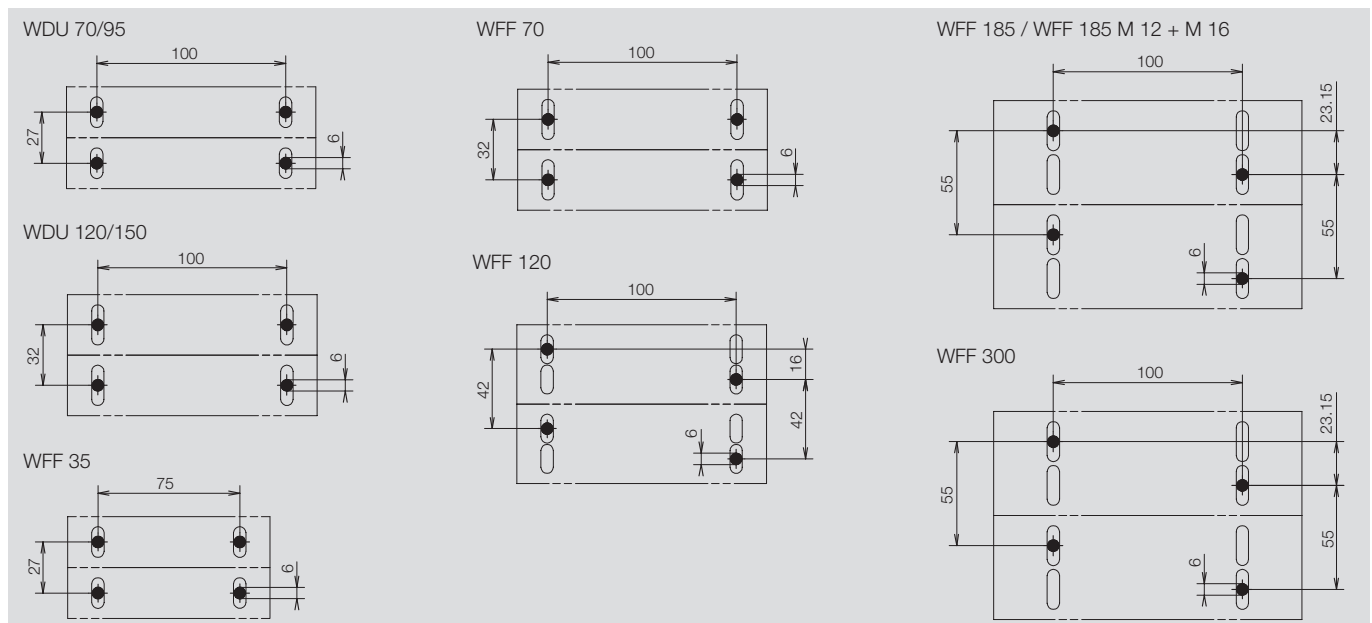
Readily assembled and marked terminal blocks are available as a standard feature for smaller cross-section ranges.

Installation times can be reduced by simply slotting on complete blocks. The rating data depend on the corresponding terminal type.

**Important!**

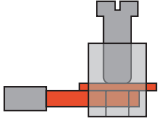
- Tolerances for mounting must be heeded in project planning. A mounting tolerance of +0.1 mm must be expected for each terminal.
- In terminal blocks marked 1–9, the 10th terminal is free for decade marking
- Terminal blocks WDU 70/95 and WDU 120/150 for direct mounting only.  
For direct mounting without the terminal rail please take notice of the drilling plan. Fixing with screw M6x16. (Order No. 1063700000/ VPE 20)

**Drilling plan**



WDU 2.5	Qty	Oder No.	Description
WDU 2.5/10 BEZ	10	1020700000	10 x WDU 2.5, identified by printed marking strip DEK 5 (nos. 1 – 9)
WDU 2.5/10 BEZ/NE	10	1020800000	10 x WDU 2.5, with blank marking strip DEK 5
<b>WDK 2.5</b>			
WDK 2.5/10	10	1025700000	10 x WDK 2.5 (WQV), with blank marking strip DEK 5
WDK 2.5 ZQV/10/BEZ	10	1025610000	10 x WDK 2.5 (ZQV), identified by printed marking strip DEK (nos. 1-9)
<b>WDU 4</b>			
WDU 4/10/BEZ	10	1020900000	10 x WDU 4, identified by printed marking strip DEK 6 (nos. 1-9)
WDU 4/10	10	1021000000	10 x WDU 4 identified by blank marking strip DEK 6
WMA 4/4	20	1034000000	3 x WDU 4 (marked L1, L2, L3), WPE 4 (marked PE)
WMA 4/5	20	1033800000	3 x WDU 4 (marked L1,L2,L3), DEU 4 in blue (identified by N), WPE 4 (marked PE)
<b>WDU 70/95</b>			
WDU 70/95/3	4	1026700000	3 x WDU 70/95
WDU 70/95/5/N	2	1032300000	mains terminal block, 3x WDU 70/95 dark beige, 1x WDU 70/95 blue, 1 x WDU 70/95 green
<b>WDU 120/150</b>			
WDU 120/150/5	2	1026600000	5 x WDU 120/150
WDU 120/150/5/N	2	1032400000	mains terminal block, 3 x WDU 120/150 dark beige, 1 x WDU 120/150 blue, 1 x WDU 120/150 green
<b>WDL 2.5</b>			
WDL 2.5/3/S/NT/L/PE	25	1034200000	3 x WDL 2.5/S/NT/L/PE
WDL 2.5/2/NT/L/PE-L/L	20	1034100000	WDL 2.5/S/NT/L/PE and WDL 2.5/S/L/L
<b>AKZ 1.5</b>			
AKZ 1.5/10	10	0358060000	10 x AKZ 1.5
AKZ 1.5/10/BEZ	10	0358160000	10 x AKZ 1.5, identified by printed marking strips DEK 5 (nos. 1-9)
<b>AKZ 4</b>			
AKZ 4/10	10	0359560000	10 x AKZ 4
AKZ 4/10/BEZ	10	0359660000	10 x AKZ 4, identified by printed marking strips DEK 5 (nos. 1-9)
<b>Compact design</b>			
<b>WDU 2.5N</b>			
WDU 2.5N/10 BEZ/NE	10	1024800000	10 x WDU 2.5N, identified by printed marking strips DEK 5 (nos. 1-9)

# SAK-Series / Clamping yoke screw connection technology



## • Put to the test billions of times

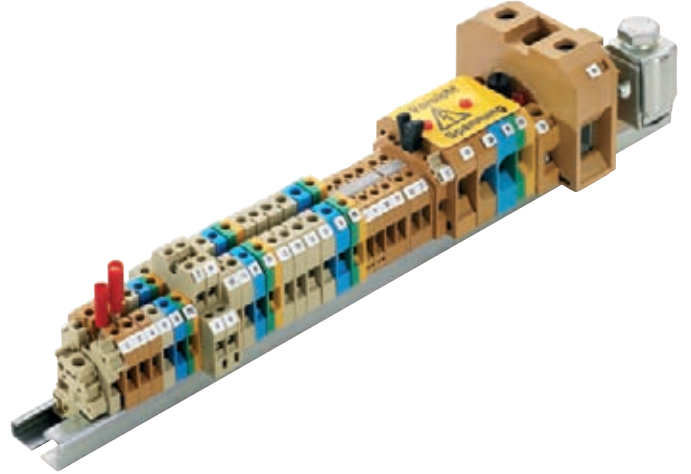
Countless approvals, specifications and the world's most extensive range of terminals mean that SAK terminals can be used for a wide range of different applications.

## • The right materials for every application

Ambient temperatures are not an issue for the SAK-Series thanks to different materials such as polyamide, thermoplastics and heat-resistant ceramics.

## • Best conductivity and high contact force

Thanks to its design, the legendary high-strength steel screw clamp absorbs every geometric change to the connected conductor.



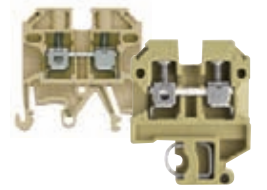
All materials checked for conformity with the latest environmental directives and RoHS requirements.

## Versions

- Cross-sections from 0.5 to 35 mm<sup>2</sup>
- TS 32/TS 35 "2 in 1" combination foot



- Cross-sections from 0.5 to 95 mm<sup>2</sup>
- Special foot for TS 35
- Special foot for TS 32



## Product assortment

Terminal type	Rated cross-section						Flat-blade connection	Faston-connection	Spring-loaded	Solder connection
	2.5 mm <sup>2</sup>	4 mm <sup>2</sup>	6 mm <sup>2</sup>	10 mm <sup>2</sup>	16 mm <sup>2</sup>	35 mm <sup>2</sup>				
<b>Feed-through terminals</b>										
PA 6.6 / TS 32	•	•	•	•	•	•		•	•	•
KRG / TS 32	•	•	•	•	•	•	•	•	•	•
PA 6.6 / TS 35	•	•	•	•	•	•		•	•	•
KRG / TS 35	•	•	•	•	•	•	•			
PA 6.6 / combination foot	•	•	•	•	•	•				•
PA 6.6 / TS 15	•	•						•		
Double level terminals		•								
<b>PE terminals</b>										
PA 6.6 / TS 32	•	•		•	•	•				
PA 6.6 / TS 35	•	•	•	•	•	•				
PA 6.6 / TS 15	•	•								
<b>Fuse terminals</b>										
PA 6.6 / TS 32				•						
PA 6.6 / TS 35				•						
KrG / TS 32				•	•					
KrG / TS 35				•	•					
PA 6.6 / TS 15		•								
PA 6.6 / combination foot		•								
<b>Double level fuse terminals</b>										
PA 6.6 / TS 32		•								
PA 6.6 / TS 35		•								
PA 6.6 / combination foot		•								
<b>Disconnect test terminal blocks</b>										
TS 35		•		•						
PA 6.6 / TS 15		•								
Two-tier disconnect test terminals		•					•			
Ceramic terminals		•		•						

**1 The connection**

Separation of electrical and mechanical functions:

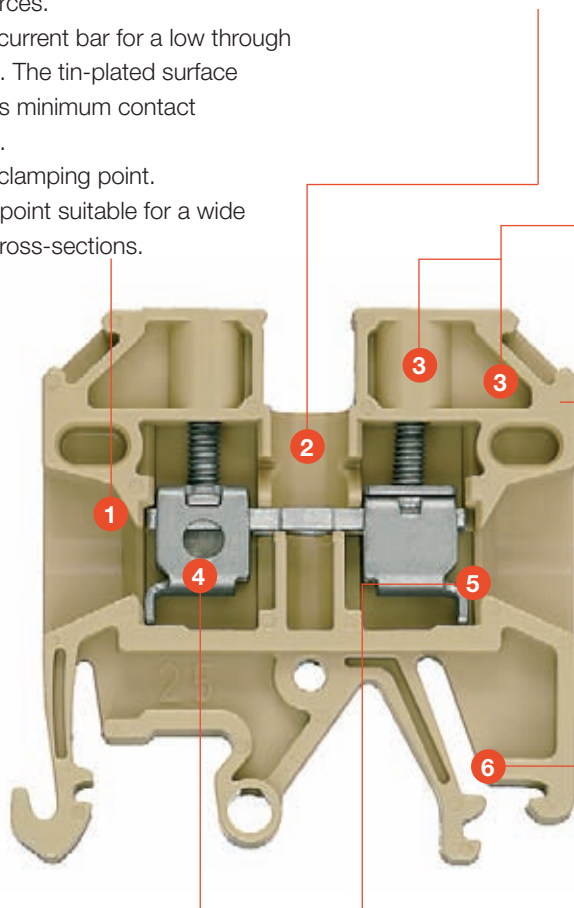
- Clamping yoke and clamping screw made from hardened steel for high contact forces.
- A copper current bar for a low through resistance. The tin-plated surface guarantees minimum contact resistance.
- Gas-tight clamping point.
- Clamping point suitable for a wide range of cross-sections.

**2 Cross-connection channel**

- Any number of poles can be created by stacking the pre-fitted cross-connections.

**3 Easy to use**

- Built-in reserve when undoing the clamping screw – particularly important for mechanical screwing tools.
- Recessed clamping screw position provides guide for screwdriver.
- All parts fitted captive within the terminal.
- Numerous labelling options.



**Insulating materials and max. temperatures**

- PA – 100 °C
- KrG – 130 °C
- EP – 160 °C
- Ceramic – 250 °C

**6 3 different snap-on feet**

**4 Reliable contact**

- The steel clamping yoke compensates for temperature-induced changes to the conductor (no gradual loosening) required.
- Low-maintenance, vibration-resistant connection – no need to retighten the clamping screw.
- The highest contact force of any connection system – and in a compact space.

**5 Safe to use**

- Terminals supplied with open clamping point
- Yoke tab prevents incorrect insertion of conductors.

**Standards and directives**

The reliable contact and dependability of the Weidmüller systems are verified by:

- Type tests to IEC 6047-7-1/2
- National and international approvals
- A large portfolio of UL and CSA approvals
- ATEX approval
- IECEx approved





# Panel feed-through terminals

<b>Panel feed-through terminals</b>	Overview	F.2
	Panel feed-through terminals WGK	F.3

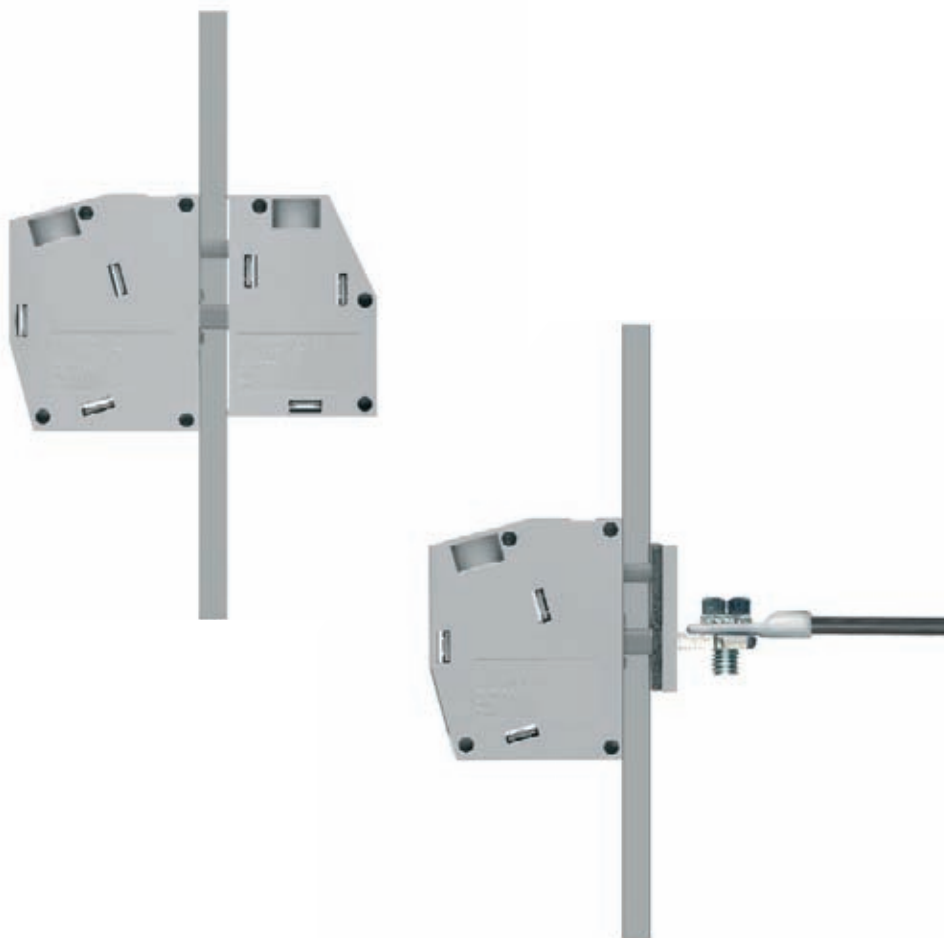


# Panel feed-through terminals

With the new WGK series of panel feedthrough terminals, Weidmüller offers a universal solution for feeding currents of different magnitudes through enclosure walls. Locking together housing halves enable a separable and easily mounted joint for connection of system components. The use of proven Weidmüller clamping yoke connection systems guarantees a maintenance-free and vibration-proof joint.

The finger-touch safe insulated housing, designed in flammability class UL 94-V0, can be marked with standard Weidmüller markers. WGK panel feed-through terminals are available for rated cross-sections of 4, 10, 16, 25, 50 and 95 mm<sup>2</sup>.

Besides the standard versions with 2 housing halves with horizontal connecting direction, versions with vertical wire entry and versions for connecting cable lugs on the inside half of the housing are also available. All versions are also optionally available with pins for easy end-to-end mounting.



**Feed-through device terminals - WGK**

**WGK 4**

**4 mm<sup>2</sup>**

**Screw connection**



8.1 x 35.5 x 21.5  
**41 / 6**  
**0.22...6**

IEC 60947- 7- 1

IEC	UL	CSA
250	300	300
32	30	10
4	AWG 22...12	AWG 22...12
6 / 3		
A3 / V-0		



**Rated connection**

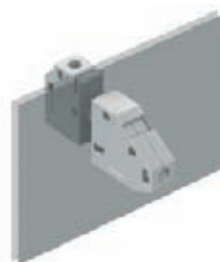
0.5...6
0.5...4 / 0.5...4
0.6 Nm (M 3)
8 / 0.6 x 3.5 mm

Metal walls: 1 – 2.5 mm = 400 V; 2.5 – 4 mm = 250 V; plastic walls: 1 – 4 mm = 500 V

**WGKV 4**

**4 mm<sup>2</sup>**

**Screw connection**



8.1 x 40 x 24  
**41 / 6**  
**0.22...6**

IEC 60947- 7- 1

IEC	UL	CSA
250	300	300
32	30	10
4	AWG 22...12	AWG 22...12
6 / 3		
A3 / V-0		



**Rated connection**

0.5...6
0.5...4 / 0.5...4
0.6 Nm (M 3)
8 / 0.6 x 3.5 mm

Metal walls: 1 – 2.5 mm = 400 V; 2.5 – 4 mm = 250 V; plastic walls: 1 – 4 mm = 500 V

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/External height	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

**Rated data**

Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

**Clamped conductors (H05V/H07V)**

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

**Note**

**Ordering data**

**Version**

Type	Qty	Order No.
WGK 4	50	<b>1936550000</b>
WGK 4 GN/YE	50	<b>1936540000</b>
WGK 4/Z	50	<b>1936570000</b>
WGK 4/Z gn/ye	50	<b>1936560000</b>

**Note**

Type	Qty	Order No.
WGKV 4	50	<b>1934050000</b>
WGKV 4 gn/ye	50	<b>1936610000</b>
WGKV 4/Z	50	<b>1936630000</b>
WGKV 4/Z gn/ye	50	<b>1936620000</b>

**Accessories**

**Spacer plate**



**Screwdriver**

Standard

Type	Width	Qty	Order No.
SDI 0,6x3,5x100		1	<b>9008390000</b>

Type	Width	Qty	Order No.
SDI 0,6x3,5x100		1	<b>9008390000</b>

**Marking systems** (see assortment in catalogue 7)

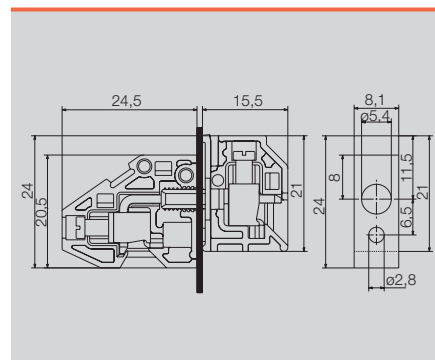
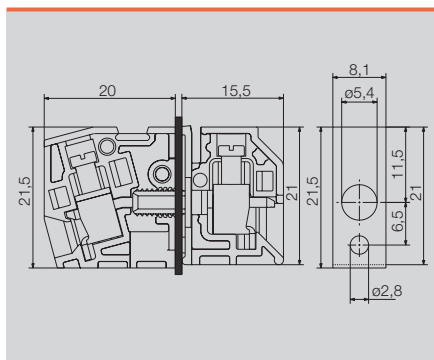
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/5 / DEK 5/6 / DEK 5/8

DEK 5/5 / DEK 5/6 / DEK 5/8

**Technical drawing**



## Feed-through device terminals - WGK

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/External height	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

#### Clamped conductors (H05V/H07V)

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-


#### Note

### Ordering data

Version
WGK 10
WGK 10 GN/YE
WGK 10/Z
WGK 10/Z gn/ye

#### Note

### Accessories

Spacer plate

Screwdriver
Standard

#### Marking systems

(see assortment in catalogue 7)

Marking tags

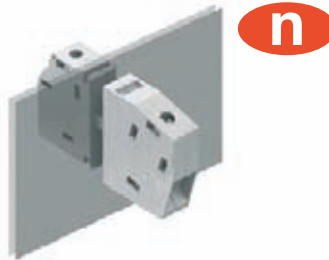
For detailed information on other accessories and applications, refer to the „Accessories“ section

### Technical drawing

#### WGK 10

10 mm<sup>2</sup>

#### Screw connection



10.1 x 43.3 x 31.4

76 / 16

0.21...16

IEC 60947- 7- 1

IEC	UL	CSA
250	300	300
57	65	65
10	AWG 24...6	AWG 24...6
6 / 3		
B6 / V-0		



#### Rated connection

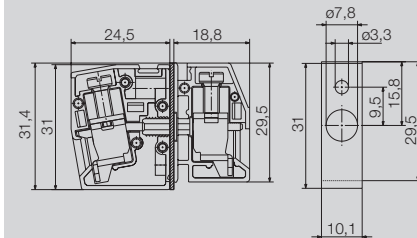
0.5...16 / 0.5...16
0.5...10 / 0.5...10
1.2 Nm (M 4)
11 / 0.8 x 4 mm

Metal walls: 1 – 2.5 mm = 400 V; 2.5 – 4 mm = 250 V; plastic walls: 1 – 4 mm = 500 V

Type	Qty	Order No.
WGK 10	50	1936510000
WGK 10 GN/YE	50	1936500000
WGK 10/Z	50	1936530000
WGK 10/Z gn/ye	50	1936520000

Type	Width	Qty	Order No.
DP WGK 10	5.5 mm	50	1936440000
SDI 0,8x4,0x100		1	9008400000

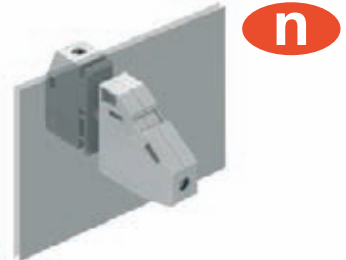
DEK 5/5 / DEK 5/6 / DEK 5/8



#### WGKV 10

10 mm<sup>2</sup>

#### Screw connection



10.1 x 49.8 x 32.8

76 / 16

0.21...16

IEC 60947- 7- 1

IEC	UL	CSA
250	300	300
57	65	65
10	AWG 24...6	AWG 24...6
6 / 3		
B6 / V-0		



#### Rated connection

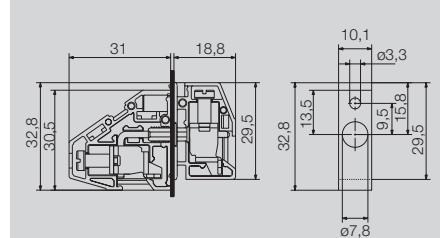
0.5...16 / 0.5...16
0.5...10 / 0.5...10
1.2 Nm (M 4)
11 / 0.8 x 4 mm

Metal walls: 1 – 2.5 mm = 400 V; 2.5 – 4 mm = 250 V; plastic walls: 1 – 4 mm = 500 V

Type	Qty	Order No.
WGKV 10	50	1934060000
WGKV 10 gn/ye	50	1936580000
WGKV 10/Z	50	1936600000
WGKV 10/Z gn/ye	50	1936590000

Type	Width	Qty	Order No.
SDI 0,8x4,0x100		1	9008400000

DEK 5/5 / DEK 5/6 / DEK 5/8



**WGK 16**

16 mm<sup>2</sup>

Screw connection



12.1 x 63.5 x 40.4  
**101 / 25**  
**0.5...25**

IEC 60947-7-1

IEC	UL	CSA
500	600	600
76	85	85
16	AWG 20...4	AWG 20...4
6 / 3		
B7 / V-0		



**Rated connection**

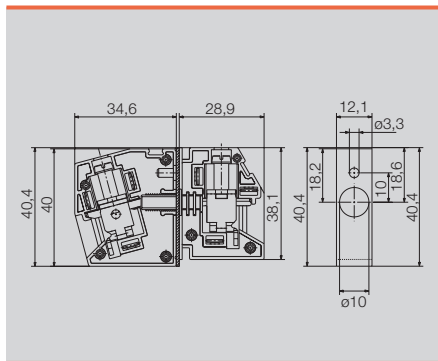
0.5...16 / 10...25  
 0.5...16  
 3.0 Nm (M 5)  
 16 / 1.0 x 5.5 mm

Metal walls: 1 - 2.5 mm = 800 V; 2.5 - 4 mm = 690 V; 4 - 6 mm = 500 V;  
 plastic walls: 1 - 6 mm = 800 V

Type	Qty	Order No.
WGK 16	50	<b>1936810000</b>
WGK 16 gn/ye	50	<b>1936760000</b>
WGK 16/Z	50	<b>1936830000</b>
WGK 16/Z gn/ye	50	<b>1936820000</b>

Type	Width	Qty	Order No.
DP WGK 16	5.5 mm	50	<b>1936700000</b>
SDI 1,0x5,5x125		1	<b>9008410000</b>

DEK 5/5 / DEK 5/6 / DEK 5/8



**WGK 16 VP**

16 mm<sup>2</sup>

Kabelschuhanschluss



12.1 x 34.6 x 40  
**101 / 25**  
**0.5...25**

IEC 60947-7-1

IEC	UL	CSA
500	600	600
76	85	85
16	AWG 20...4	AWG 20...4
6 / 3		
B7 / V-0		



**Rated connection**

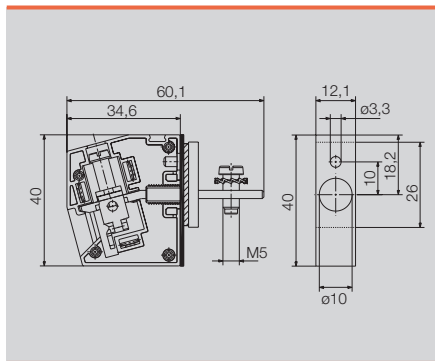
0.5...16 / 10...25  
 0.5...16  
 3.0 Nm (M 5)  
 16 / 1.0 x 5.5 mm

Metal walls: 1 - 2.5 mm = 800 V; 2.5 - 4 mm = 690 V; 4 - 6 mm = 500 V;  
 plastic walls: 1 - 6 mm = 800 V

Type	Qty	Order No.
WGK 16 VP	50	<b>1936780000</b>
WGK 16 VP GN/YE	50	<b>1936770000</b>
WGK 16 VP/Z	50	<b>1936800000</b>
WGK 16 VP/Z GN/YE	50	<b>1936790000</b>

Type	Width	Qty	Order No.
DP WGK 16	5.5 mm	50	<b>1936700000</b>
SDI 1,0x5,5x125		1	<b>9008410000</b>

DEK 5/5 / DEK 5/6 / DEK 5/8



**Feed-through device terminals - WGK**

**WGK 25**

25 mm<sup>2</sup>

Screw connection



15.1 x 68.5 x 48.5  
**125 / 35**  
**5.26...35**

IEC 60947-7-1

IEC	UL	CSA
690	600	600
101	100	100
25	AWG 10...3	AWG 10...3
6 / 3		
B8 / V-0		



**Rated connection**

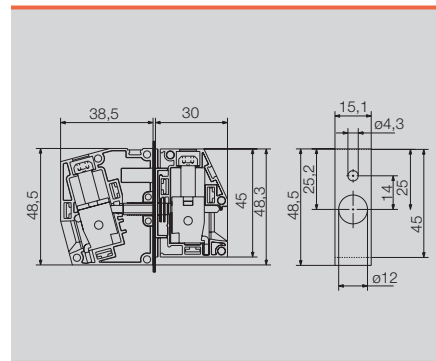
6...16 / 10...35  
 10...25 / 4...25  
 5,0 Nm (M 6)  
 18 / 1.2 x 6.5

Metal walls: 1 - 4 mm = 800 V; 4 - 6 mm = 690 V; plastic walls: 1 - 6 mm = 800 V

Type	Qty	Order No.
WGK 25	50	<b>1936850000</b>
WGK 25 GN/YE	50	<b>1936840000</b>
WGK 25/Z	50	<b>1936910000</b>
WGK 25/Z GN/YE	50	<b>1936900000</b>

Type	Width	Qty	Order No.
DP WGK 25	10.9 mm	50	<b>1936710000</b>
SDI 1,2x6,5x150		1	<b>9008420000</b>

DEK 5/6



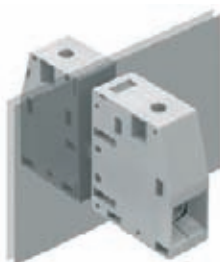


**Feed-through device terminals - WGK**

**WGK 50**

**50 mm<sup>2</sup>**

**Screw connection**



18.8 x 78 x 55  
**150 / 50**  
**13.3...50**

IEC 60947-7-1

IEC	UL	CSA
690	600	600
150	145	145
50	AWG 6...0	AWG 6...0
8 / 3		
B10 / V-0		



**Rated connection**

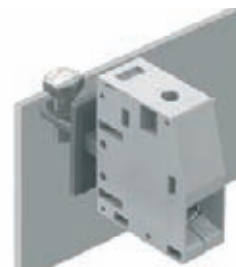
16 / 16...50
16...50 / 10...50
4 Nm (M 6)
24 / 1.2 x 8 mm

Metal walls: 1 - 2.5 mm = 800 V; 2.5 - 6 mm = 690 V; plastic walls: 1 - 6 mm = 800 V

**WGK 50 VP**

**50 mm<sup>2</sup>**

**Kabelschuhanschluss**



18.8 x 43 x 54  
**150 / 50**  
**13.3...50**

IEC 60947-7-1

IEC	UL	CSA
690	600	600
150	145	145
50	AWG 6...0	AWG 6...0
8 / 3		
B10 / V-0		



**Rated connection**

16 / 16...50
16...50 / 10...50
4 Nm (M 8)
24 / 1.2 x 8 mm

Metal walls: 1 - 2.5 mm = 800 V; 2.5 - 6 mm = 690 V; plastic walls: 1 - 6 mm = 800 V

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/External height	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

**Rated data**

Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

**Clamped conductors (H05V/H07V)**

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

**Note**

**Ordering data**

**Version**

Type	Qty	Order No.
WGK 50	10	1937090000
WGK 50 GN/YE	10	1937040000
WGK 50/Z	10	1937110000
WGK 50/Z GN/YE	10	1937100000

**Note**

**Accessories**

**Spacer plate**



**Screwdriver**

Standard

Type	Width	Qty	Order No.
DP WGK 50	7.2 mm	10	1937030000
SDI 1,2x6,5x150		1	9008420000

Type	Width	Qty	Order No.
DP WGK 50	7.2 mm	10	1937030000
SDI 1,2x6,5x150		1	9008420000

**Marking systems** (see assortment in catalogue 7)

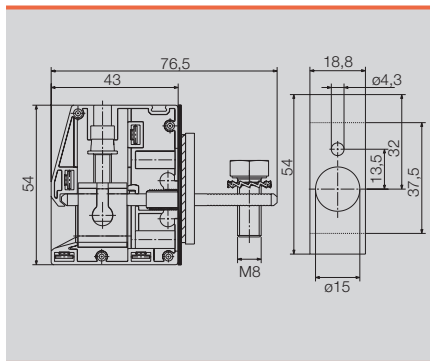
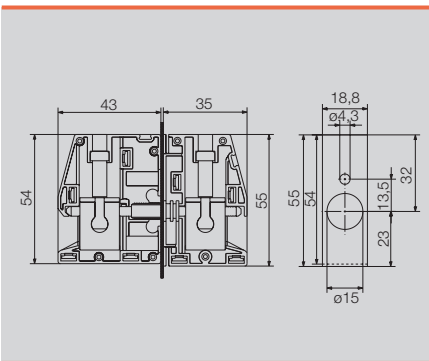
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/6

DEK 5/6

**Technical drawing**



## Feed-through device terminals - WGK

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/External height	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

### Note

### Ordering data

Version
WGK 95
WGK 95 GN/YE
WGK 95/Z
WGK 95/Z GN/YE

### Note

### Accessories

Spacer plate

Screwdriver
Standard

### Marking systems

(see assortment in catalogue 7)

Marking tags

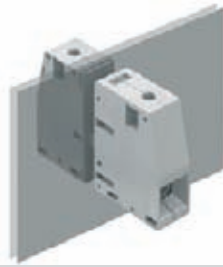
For detailed information on other accessories and applications, refer to the „Accessories“ section

### Technical drawing

## WGK 95

95 mm<sup>2</sup>

### Screw connection



25 x 95 x 74  
**232 / 95**  
**35...95**

IEC 60947- 7- 1

IEC	UL	CSA
690	600	600
232	230	230
95	AWG 6...0	AWG 6...0
8 / 3		
B12 / V-0		



### Rated connection

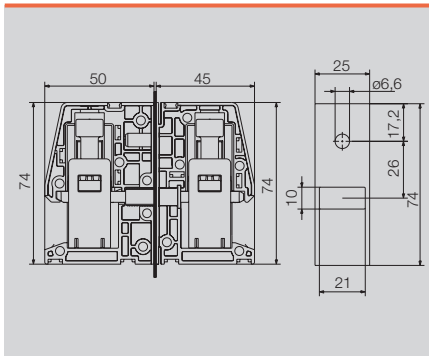
/ 35...95
35...95 / 35...95
15 Nm M8/Hexagon
27 /

Metal walls: 1 – 2.5 mm = 1000V; 2.5 – 4 mm = 800 V; 4 – 6 mm = 690 V;  
 plastic walls: 1 – 6 mm = 1000 V

Type	Qty	Order No.
WGK 95	10	<b>1937380000</b>
WGK 95 GN/YE	10	<b>1937370000</b>
WGK 95/Z	10	<b>1937400000</b>
WGK 95/Z GN/YE	10	<b>1937390000</b>

Type	Width	Qty	Order No.
DP WGK 95	15 mm	10	<b>1937020000</b>

DEK 5/6



## WGK 95 F VP

95 mm<sup>2</sup>

### Kabelschuhanschluss



25 x 49.5 x 74  
**232 / 95**  
**35...95**

IEC 60947- 7- 1

IEC	UL	CSA
690	600	600
232	230	230
95	AWG 6...0	AWG 6...0
8 / 3		
B12 / V-0		



### Rated connection

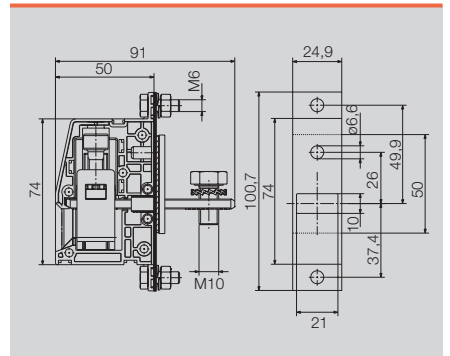
/ 35...95
35...95 / 35...95
15 Nm M8/Hexagon
27 /

Metal walls: 1 – 2.5 mm = 1000V; 2.5 – 4 mm = 800 V; 4 – 6 mm = 690 V;  
 plastic walls: 1 – 6 mm = 1000 V

Type	Qty	Order No.
WGK 95 F VP	10	<b>1937130000</b>
WGK 95 F VP GN/YE	10	<b>1937120000</b>
WGK 95 F VP/Z	10	<b>1937140000</b>
WGK 95 F VP/Z GN/YE	10	<b>1937360000</b>

Type	Width	Qty	Order No.
DP WGK 95	15 mm	10	<b>1937020000</b>

DEK 5/5 / DEK 5/6 / DEK 5/8

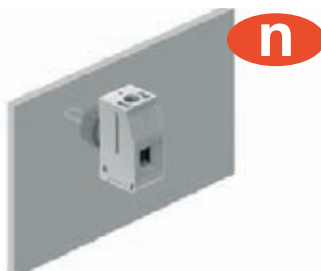


**Feed-through device terminals - WGK**

**VWGK 4**

**4 mm<sup>2</sup>**

**Solder connection**



10 x 11.4 x 20.5  
**41 / 6**  
**0.22...6**

IEC 60947- 7- 1

IEC	UL	CSA
250	300	300
32	30	30
4	AWG 22...12	AWG 22...12
6 / 3		
A3 / V-0		



**Rated connection**

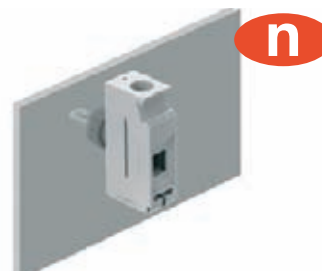
0.5...6 / 0.5...4
0.5...4
0.6 Nm (M 3)
8 / 0.6 x 3.5 mm

Metal walls: 1 – 4 mm = 500 V Plastic walls 1 – 4 mm = 500 V

**VWGK 6**

**6 mm<sup>2</sup>**

**Solder connection**



10 x 15.5 x 31.5  
**57 / 10**  
**0.2...10**

IEC 60947- 7- 1

IEC	UL	CSA
500	300	300
41	30	30
6	AWG 24...8	AWG 24...8
6 / 3		
A5 / V-0		



**Rated connection**

0.5...10 / 0.5...6
0.5...6
0.8 Nm (M 3.5)
13 / 0.8 x 4 mm

Metal walls: 1 – 4 mm = 500 V Plastic walls 1 – 4 mm = 500 V

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/External height	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

**Technical data**

**Rated data**

Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

**Clamped conductors (H05V/H07V)**

solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

**Note**

**Ordering data**

**Version**

Type	Qty	Order No.
VWGK 4	50	<b>1936490000</b>
VWGK 4 GN/YE	50	<b>1936480000</b>

Type	Qty	Order No.
VWGK 6	50	<b>1965740000</b>
VWGK 6 GN/YE	50	<b>1965730000</b>

**Note**

**Accessories**

**Spacer plate**



**Screwdriver**

Standard

Type	Width	Qty	Order No.
DP WGKV 4	4 mm	50	<b>1936470000</b>
SDI 0,6x3,5x100		1	<b>9008390000</b>

Type	Width	Qty	Order No.
DP VWGK6	4 mm	50	<b>1965750000</b>
SDI 0,8x4,0x100		1	<b>9008400000</b>

**Marking systems**

(see assortment in catalogue 7)

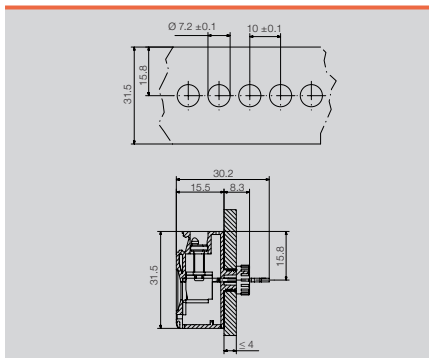
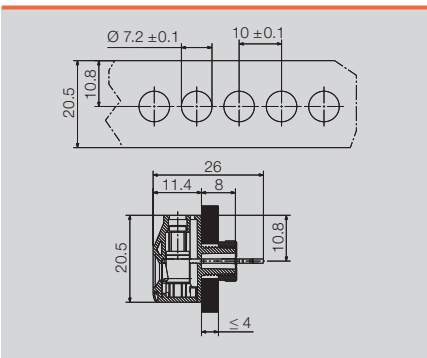
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/5 / DEK 5/6 / DEK 5/8

DEK 5/5 / DEK 5/6 / DEK 5/8

**Technical drawing**







# Accessories

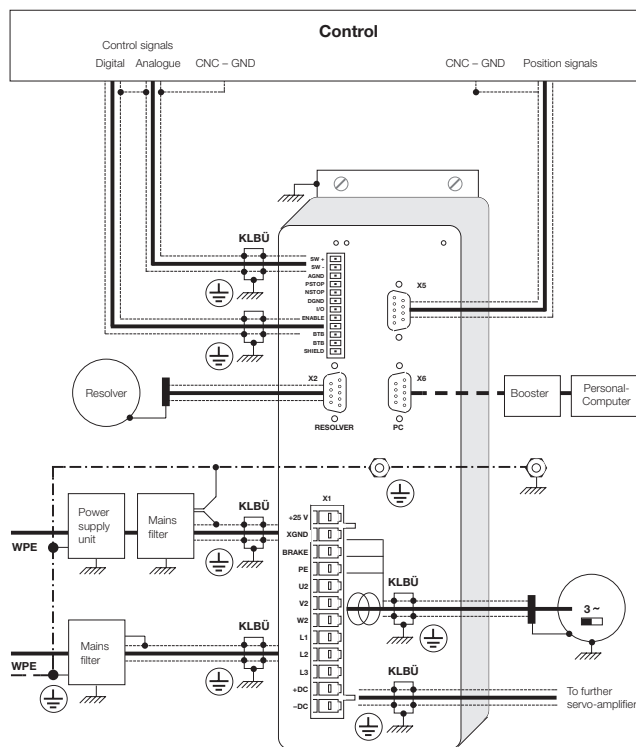
<b>Accessories</b>	Shield connection terminals KLBÜ	G.2
	Multi-pole terminal strips for direct mounting	G.12
	Busbars	G.18
	Terminal rails	G.24
	Terminal markers	G.34
	Printing systems	G.52
	Tools	G.60
	Wire end ferrules	G.82
	Insulated cable connectors	G.94

# The theoretical concept

Part 1 of the VDE 0133 standard specifies the required equipotential bonding for the electrical components of a machine. The aim is to prevent any undesirable consequences occurring as a result of electrostatic, electromagnetic and net-work bound interference.

The following measures serve this purpose:

- Using filters and time delay devices.
- Dividing earth (PE) into “dirty” and “clean”.
- Neutral grounding using large earth cables for bonding.
- Keeping all bonding leads as short as possible.
- Routing all connections parallel to the bonding surface.
- Separation and shielding of switching devices and interference sensitive equipment, shielded at one end only.
- Shielded lines are used for all motor and all signal connection. These shielded cables for signals are grounded at one end. Drives to Motors should be grounded at both ends.
- The mass current is neutral grounded



## Overview of KLBÜ fittings available

For busbars  
10 x 3

For direct mounting

For C-profiles

For TS 35  
insulating/conducting

Clip-on for  
10 x 3 busbar



# In detail

## Compression spring

- To ensure both simple handling and proper connection with permanent contact pressure as a result of the spring effect

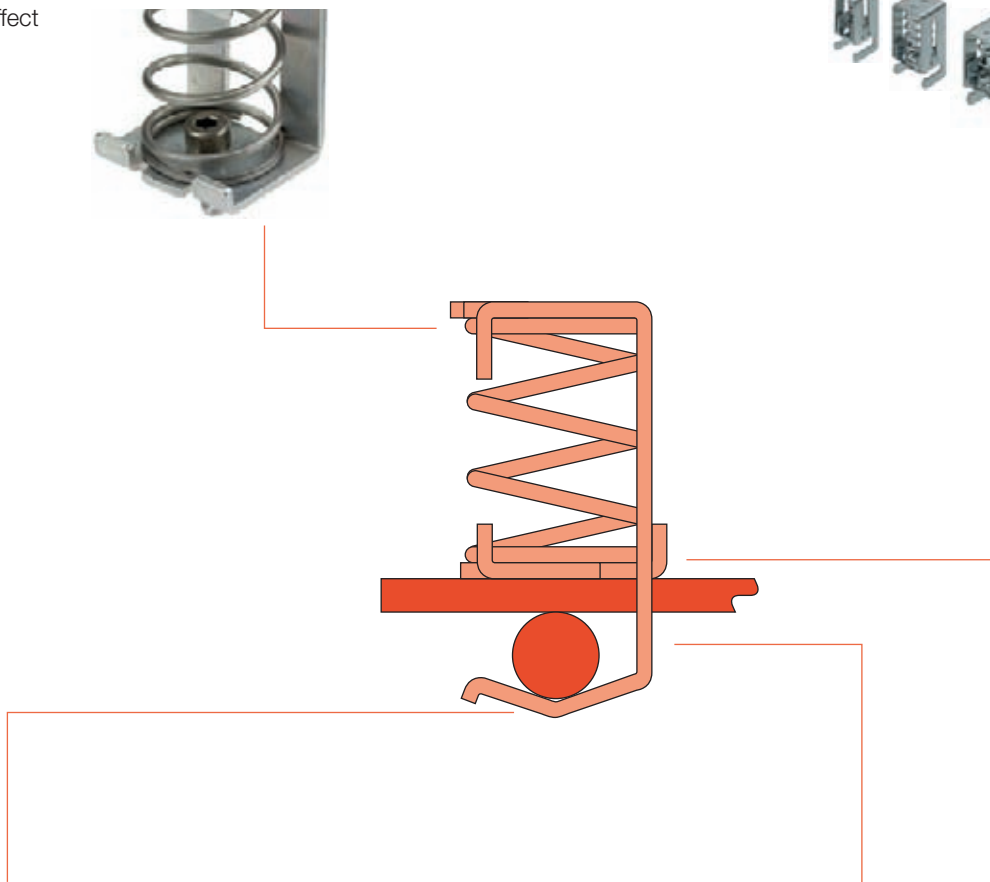


## No extra tools necessary

- Simply **swivel onto the busbar by hand** – retrospectively if necessary

## Full range

- For conductors from 2 to 37 mm diameter



## Reliable contact

- Changes in diameter (flow) of the conductor compensated for by the elastic behaviour of the clamping yoke for flexible adjustment to the cable diameter

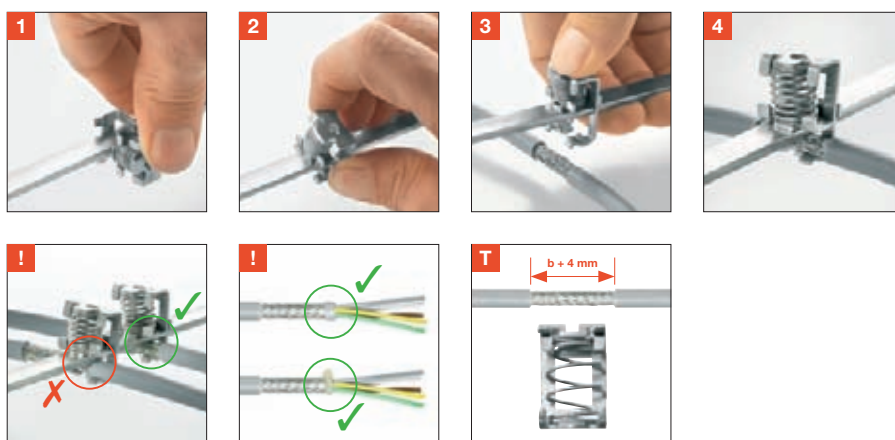
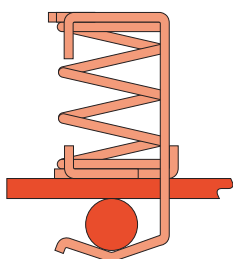
## Many options available

- Weidmüller offers a wide range of different fastenings for mounting shield connection terminals

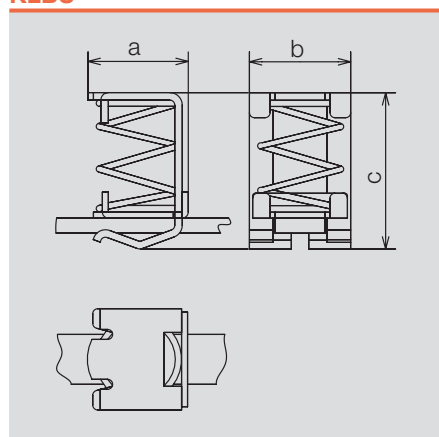
## Shield connection terminals KLBÜ for 10 x 3 mm busbars



### Clamping yoke

Cable fastened against the busbar from below



### KLBÜ



Marking on the product:   
 Marking EN 50019:  Ex e II  
 Marking EX-RL 94/9/EC: II 2 G D  
 EC type testing certificate: DMT 02 ATEX E 024 U

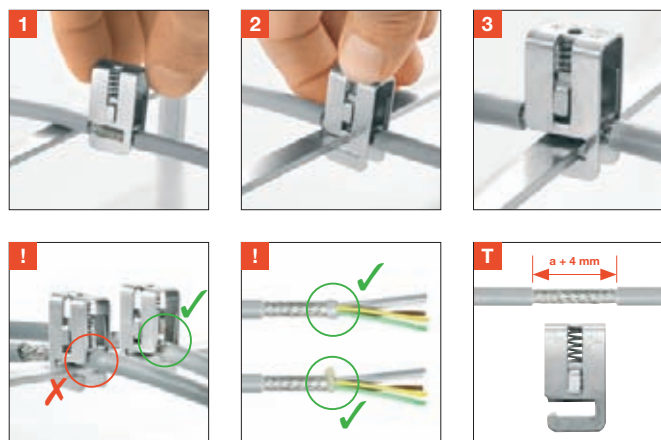
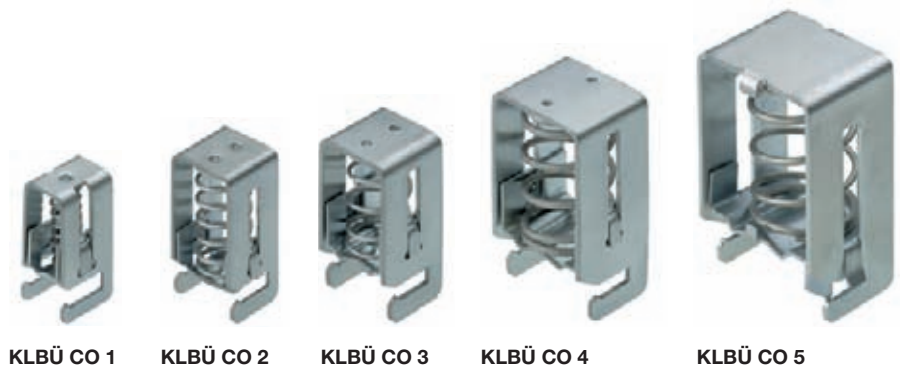
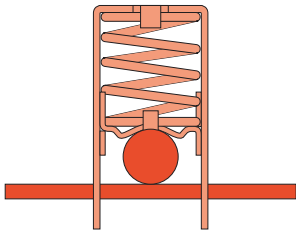
### Ordering data

Type	For cable diameter	Dimensions (a x b x c) mm	Qty.	Order No.
KLBÜ 2 x 2-6	2.0 ... 6.0 mm	15.0 x 18.0 x 24.0	10	1675350000
KLBÜ 3-8	3.0 ... 8.0 mm	13.0 x 18.0 x 26.0	10	1600480000
KLBÜ 4 x 13.5	4.0 ... 13.5 mm	20.0 x 20.5 x 31.5	10	1592810000
KLBÜ 10-20	10.0 ... 20.0 mm	25.0 x 26.0 x 40.0	10	1600490000
KLBÜ 15-32	15.0 ... 32.0 mm	36.0 x 32.0 x 63.9	10	1716300000

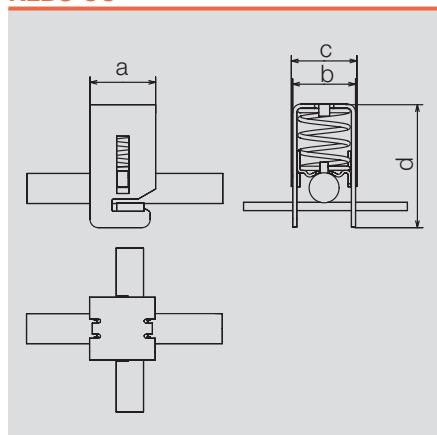
10 x 3 mm busbars	Length	Material	Qty.	Order No.
SSch 10 x 3 x 1000 Cu, Sn, Pb	1000.0 mm	Cu, Sn, Pb	1	0348900000
SSch 10 x 3 x 1000 Fe, Zn, 8B	1000.0 mm	Fe, Zn, 8B	1	1746130000

**Clamping yoke**

Cable fastened onto the busbar from above





**KLBÜ CO**



**Ordering data**

Type	For cable diameter	Dimensions (a x b x c x d) mm	Qty.	Order No.
KLBÜ CO 1	3.0 ... 10.0 mm	18.0 x 12.0 x 13.2 x 32.0	10	1753311001
KLBÜ CO 2	4.0 ... 15.0 mm	18.0 x 20.0 x 21.1 x 41.6	10	1752131001
KLBÜ CO 3	10.0 ... 20.0 mm	25.0 x 23.0 x 24.0 x 45.0	10	1749151001
KLBÜ CO 4	15.0 ... 28.0 mm	25.0 x 31.0 x 32.0 x 56.0	10	1749161001
KLBÜ CO 5	20.0 ... 37.0 mm	32.0 x 40.0 x 42.7 x 64.5	10	1755081001

10 x 3 mm busbars	Length	Material	Qty.	Order No.
SSch 10 x 3 x 1000 Cu, Sn, Pb	1000.0 mm	Cu, Sn, Pb	1	0348900000
SSch 10 x 3 x 1000 Fe, Zn, 8B	1000.0 mm	Fe, Zn, 8B	1	1746130000

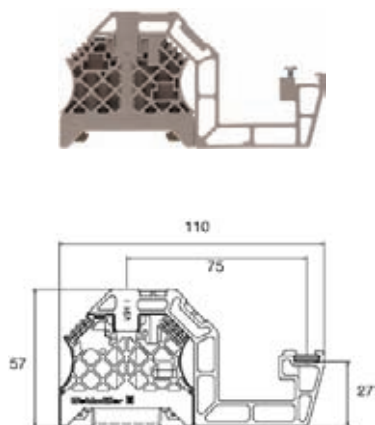
Marking on the product:   
 Marking EN 50019:  Ex e II  
 Marking EX-RL 94/9/EC: II 2 G D  
 EC type testing certificate: DMT 02 ATEX E 024 U

## Shield connection terminals KLBÜ for 10 x 3 mm busbars

### Busbar holders

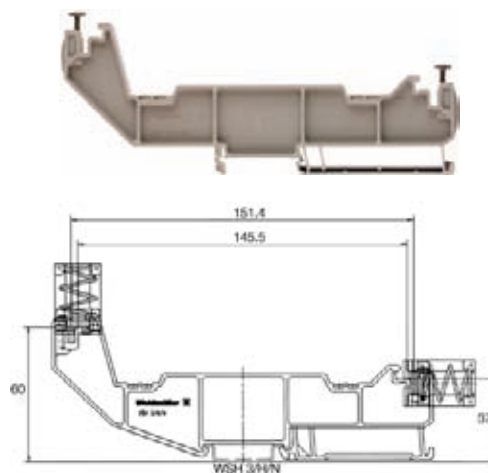
Insulated mounting on TS 35

#### Type WSH 1



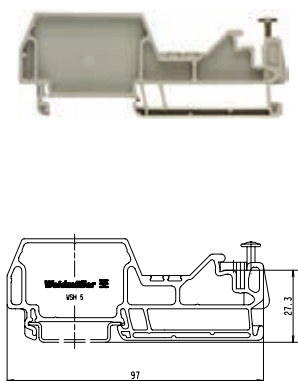
Horizontal mounting only

#### Type WSH 3/H/N

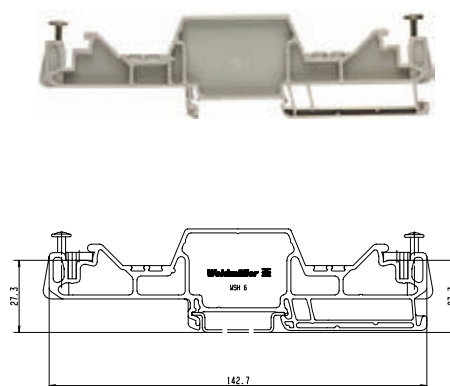


G

#### Type WSH 5



#### Type WSH 6



### WSH

EC type testing certificate: DMT 02 ATEX E 024 U

### Ordering data

Type	Width	Qty.	Order No.
WSH 1	8.0 mm	10	1068700000
WSH 3/H/N	8.0 mm	10	1715970000
WSH 5	8.0 mm	10	1080100000
WSH 6	8.0 mm	10	1080200000

10 x 3 mm busbars	Length	Material	Qty.	Order No.
SSch 10 x 3 x 1000 Cu, Sn, Pb	1000.0 mm	Cu, Sn, Pb	1	0348900000

## Busbar holders

Conductive mounting on TS 35

**TS 35-Clip**  
BS 35/WSH 2



**Busbar connector**  
BFEH 1/WSH

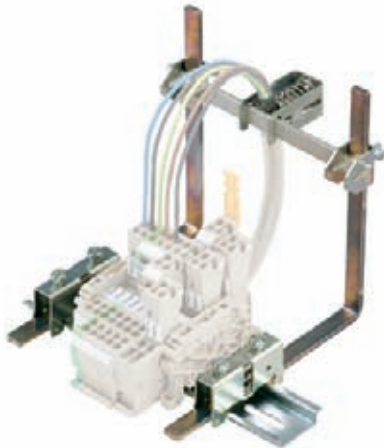


**Angled rail**  
SMSE WSH U1MT



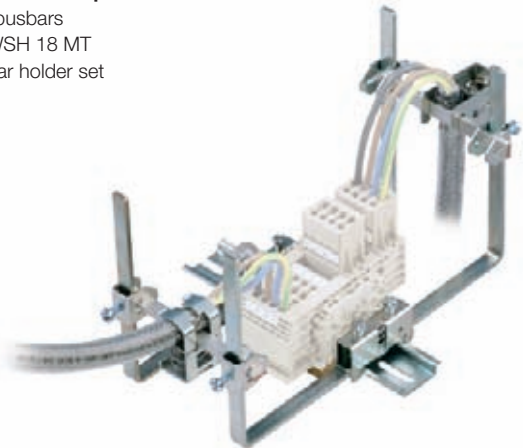
### Installation example 1

- One busbar
- 2 x WSH 19 MT busbar holder set



### Installation example 2

- Two busbars
- 2 x WSH 18 MT busbar holder set



## WSH

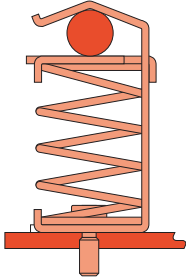
EC type testing certificate: DMT 02 ATEX E 024 U

## Ordering data

TS 35-Clip	Dimensions (L x B x H) mm	Qty.	Order No.		
BS 35/WSH 2	52.0 x 37.0 x 13.0	10	1760720000		
Busbar connector	Dimensions (L x B x H) mm	Qty.	Order No.		
BFEH 1/WSH	20.0 x 31.0 x 13.5	10	1082400000		
Angled rail	Dimensions (L x B x H) mm	Qty.	Order No.		
SMSE WSH U1MT	134.0 x 13.0 x 134.0	10	1083900000		
Busbar holder sets	Contents (parts loose in plastic bag)				
	BS 35/WSH 2	BFEH 1/WSH	SMSE WSH U1MT	Qty.	Order No.
WSH 18 MT	1 ea.	2 ea.	2 ea.	10	1083100000
WSH 19 MT	1 ea.	1 ea.	1 ea.	10	1083200000
WSH 20 MT	1 ea.	1 ea.	1 ea. (straight)	10	1752950000
10 x 3 mm busbars	Length	Material	Qty.	Order No.	
SSch 10 x 3 x 1000 Cu, Sn, Pb	1000.0 mm	Cu, Sn, Pb	1	0348900000	
SSch 10 x 3 x 1000 Fe, Zn, 8B	1000.0 mm	Fe, Zn, 8B	1	1746130000	



Clamping yoke



KLBÜ 3-8 SC



KLBÜ 4-13.5 SC

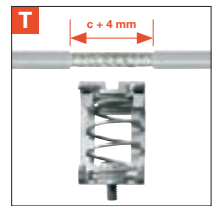
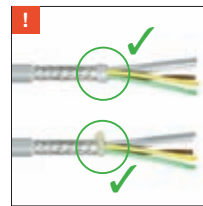
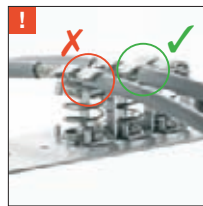
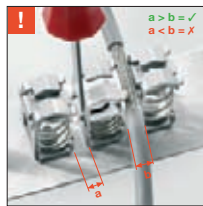
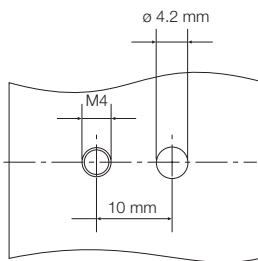


KLBÜ 10-20 SC

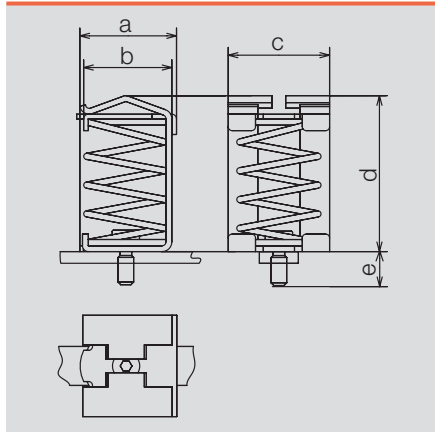


KLBÜ 15-32 SC

Drilling template KLBÜ 15-32 SC



KLBÜ SC



Marking on the product:   
 Marking EN 50019:   
 Marking EX-RL 94/9/EC: II 2 G D   
 EC type testing certificate: DMT 02 ATEX E 024 U

Ordering data

Type	For cable diameter	Thread length	Dimensions (a x b x c) mm	Qty.	Order No.
KLBÜ 3-8 SC	3.0 ... 8.0 mm	5.65 mm	13.5 x 11.5 x 18.0 x 26.0	10	1692261001
KLBÜ 4-13.5 SC	4.0 ... 13.5 mm	5.30 mm	20.0 x 17.8 x 20.3 x 31.4	10	1712311001
KLBÜ 10-20 SC	10.0 ... 20.0 mm	5.30 mm	24.8 x 23.0 x 26.0 x 40.0	10	1712321001
KLBÜ 15-32 SC	15.0 ... 32.0 mm	4.80 mm	36.0 x 33.3 x 32.0 x 64.0	10	1718341001

Operating tool	Qty.	Order No.
BTWZ KLBÜ	1	1742630000

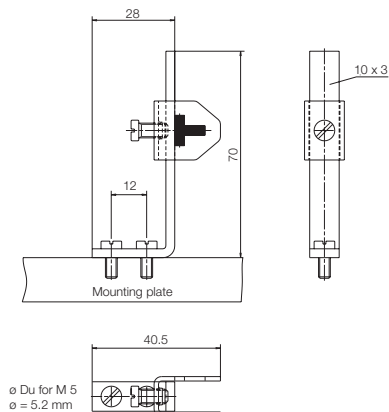


Busbar holder / Spacer

Busbar holder



Set (WSH 4 MT) consisting of:  
 - 1 busbar holder  
 - 1 busbar connector (BFEH 1/WSH)



Spacer



M6 outer and inner thread  
 (15 mm, 20 mm and 30 mm long)



WSH 4 MT / SP

EC type testing certificate: DMT 02 ATEX E 024 U

Ordering data

Busbar holder	Qty.	Order No.
WSH 4 MT	10	1079900000

Type	Length	Qty.	Order No.
SP 15, set of 2	15 mm	1	3896100000
SP 20, set of 2	20 mm	1	3896200000
SP 30, set of 2	30 mm	1	3896300000

## Shield connection terminals KLBÜ – Mounting on TS 35

### FM 4 foot / Clamping yoke holder

#### FM 4 foot



The KLBÜ SC clamping yokes (see page G.8) are screwed onto the **FM 4** foot.



#### Clamping yoke holder



**BS 35 II**  
(without KLBÜ)



**BS 35 II / KLBÜ 3-8**

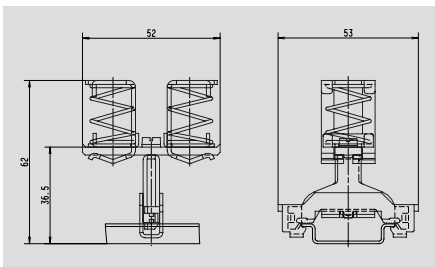


**BS 35 II / KLBÜ 3-8 / 2 x 2-6**



### FM 4 / BS 35 II

#### Ordering data

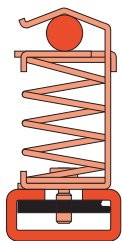
	Qty.	Order No.
<b>FM 4 foot</b>		
FM 4	40	0687900000



Clamping yoke holder	For cable diameter	Qty.	Order No.
BS 35 II	without KLBÜ	10	1723800000
BS 35 II / KLBÜ 3-8	3.0 ... 8.0 mm	10	1723810000
BS 35 II / KLBÜ 4-13.5	4.0 ... 13.5 mm	10	1723820000
BS 35 II / KLBÜ 3-8/2 x 2-6	3.0 ... 8.0 mm / 2.0 ... 6.0 mm	10	1749430000
BS 35 II / KLBÜ 2 x 3-8/2 x 2-6	3.0 ... 8.0 mm / 2.0 ... 6.0 mm	10	1768020000

Marking on the product:   
 Marking EN 50019:  Ex e II  
 Marking EX-RL 94/9/EC: II 2 G D  
 EC type testing certificate: DMT 02 ATEX E 024 U

## Clamping yoke



KLBÜ 3-8 CPF



KLBÜ 4-13.5 CPF

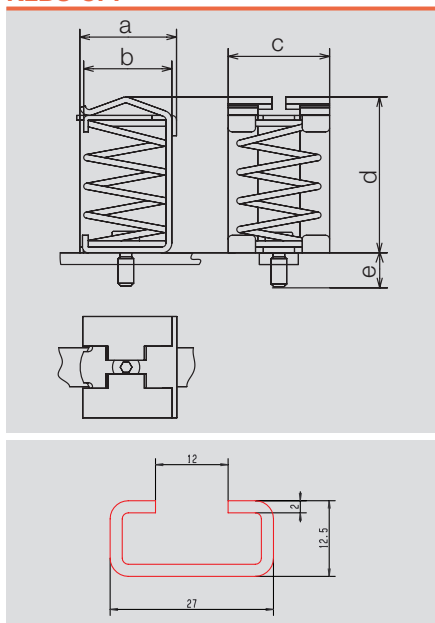


KLBÜ 10-20 CPF



KLBÜ 15-32 CPF

## KLBÜ CPF



## Ordering data

Type	For cable diameter	Dimensions (a x b x c x d) mm	Qty.	Order No.
KLBÜ 3-8 CPF	3.0 ... 8.0 mm	13.5 x 11.5 x 18.0 x 26.0	10	1752681001
KLBÜ 4-13.5 CPF	4.0 ... 13.5 mm	20.0 x 17.8 x 20.3 x 31.4	10	1752691001
KLBÜ 10-20 CPF	10.0 ... 20.0 mm	24.8 x 23.0 x 26.0 x 40.0	10	1752701001
KLBÜ 15-32 CPF	15.0 ... 32.0 mm	36.0 x 33.3 x 32.0 x 64.0	10	1752711001

C-rail	Qty.	Order No.
TS 27 x 12.5M / ST / F.ZN	10 m	1802690000

Marking on the product:



Marking EN 50019:

Ex e II

Marking EX-RL 94/9/EC:

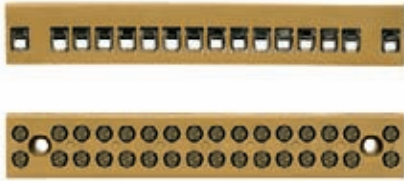
II 2 G D

EC type testing certificate: DMT 02 ATEX E 024 U



**MK 4/16**

2.5 mm<sup>2</sup>



**17 x 16 / 3.4**

Refer to order data

**0.2...4**

IEC 60947-7-1

IEC	UL	CSA
400	150	150
24	20	15
2.5	AWG 22...12	AWG 22...12
6 / 3		
A2 / 5VA		

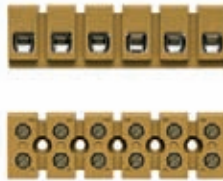


**Rated connection**

0.5...4 / 1.5...2.5  
 0.5...2.5 / 0.5...1.5  
 0.4...0.45 Nm (M 2.5)  
 5 / 0.6 x 3.5 mm

**MK 6/2...6/6**

6 mm<sup>2</sup>



**23 x 22 / 3.4**

Refer to order data

**0.33...6**

IEC 60947-7-1

IEC	UL	CSA
690	300	300
41	30	40
6	AWG 22...10	AWG 22...10
8 / 3		
A3 / 5VA		



**Rated connection**

0.5...6 / 1.5...6  
 0.5...6 / 0.5...4  
 1.2...2.0 Nm (M 4)  
 9 / 4.0 x 0.8 mm

**MK 10/14**

2.5 mm<sup>2</sup>



**13.5 x 12 / 3.1**

Refer to order data

**0.21...4**

IEC 60947-7-1

IEC	UL	CSA
125	150	300
24	25	10
2.5	AWG 22...12	AWG 24...12
3 / 3		
A2 / V2		



**Rated connection**

0.5...4 / 1.5...2.5  
 0.5...2.5 / 0.5...1.5  
 0.4...0.45 Nm (M 2.5)  
 6 / 0.6 x 3.5 mm

Type	Length/Mounting dimensions	Qty	Order No.
MK 4/16	103 mm 85.5 mm	20	0244220000

Type	Length/Mounting dimensions	Qty	Order No.
MK 6/2	23.5 mm	50	0620420000
MK 6/3	36.5 mm 13.0 mm	50	0620320000
MK 6/4	49.5 mm 26.0 mm	20	0620220000
MK 6/6	75.5 mm 52.0 mm	20	0620120000

Type	Length/Mounting dimensions	Qty	Order No.
MK 10/14	88.5 mm	20	0370160000

Type	Width	Qty	Order No.
BSTB 28/16 MK U 1-16		50	0262200000
BSTB 28/16 MK O 1-16		50	0278700000
BSTO 28/16 MK 4/16		50	0262100000

Type	Width	Qty	Order No.
------	-------	-----	-----------

Type	Width	Qty	Order No.
------	-------	-----	-----------

## Multi-pole terminal strips for direct mounting

### Screw connection

**MK 5/2 0.DE**

**2.5 mm<sup>2</sup>**

**KS 2...10**

**2.5 mm<sup>2</sup>**



Width/Height/ø mounting hole	mm
Length / mounting dimensions	
Max. clamping range	mm <sup>2</sup>

**18 x 14 / 4.2**  
Refer to order data  
**0.2...4**

**25 x 17.5 / 4.2**  
Refer to order data  
**0.2...4**

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

IEC	UL	CSA
500		
24		
2.5		
	6 / 3	
	A2 / 5VA	
Rated connection		
0.5...4 / 1.5...2.5		
0.5...2.5 / 0.5...1.5		
0.4 NmM 2.5		
5 / 0.6 x 3.5 mm		

IEC 60947-7-1

IEC	UL	CSA
500	300	300
24	20	25
2.5	AWG 22...12	AWG 24...12
	6 / 3	
	A2 / 5VA	
Rated connection		
0.5...4 / 1.5...2.5		
0.5...2.5 / 0.5...1.5		
0.5...0.7 Nm (M 3)		
8 / 4.0 x 0.8 mm		

### Note

### Ordering data

Version
2-pole
3-pole
4-pole
6-pole
10-pole
12-pole

Type	Length/Mounting dimensions	Qty	Order No.
MK 5/2 0.DE	40 mm 32.0 mm	100	<b>0243820000</b>

Type	Length/Mounting dimensions	Qty	Order No.
KS 2 0.D2	42 mm 32.0 mm	100	<b>0134420000</b>
KS 4 0.D4	66 mm 56.0 mm	50	<b>0140320000</b>
KS 6 0.D6	90 mm 80.0 mm	50	<b>0140620000</b>
KS 10 0.D10	138 mm 128.0 mm	20	<b>0141620000</b>

### Note

### Accessories

Lid / cover
Marking strips, printed
Printed
Marking strips, unprinted
Unprinted

Type	Width	Qty	Order No.
D 2 MK5/2 PA/NA	18 mm	50	<b>0244060000</b>

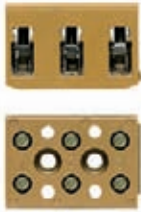
Type	Width	Qty	Order No.
D2 KS2 TP	25 mm	100	<b>0134500000</b>
D4 KS4 TP	48 mm	50	<b>0140500000</b>
D6 KS6 TP	72 mm	50	<b>0140800000</b>
D10 KS10 TP	120 mm	20	<b>0141800000</b>
ELSB 2 BEZ. 1-2		50	<b>0143200000</b>
ELSB 4 BEZ. 1-4		50	<b>0143300000</b>
ELSB 6 BEZ. 1-6		50	<b>0143400000</b>
ELSB 10 BEZ. 1-10		50	<b>0143500000</b>
ELSO 2 F.KS 2		50	<b>0142800000</b>
ELSO 4 F.KS 4		50	<b>0142900000</b>
ELSO 6 F.KS 6		50	<b>0143000000</b>
ELSO 10 F.KS 10		50	<b>0143100000</b>

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section

BK 2...12

4 mm<sup>2</sup>



22 x 20 / 3.4

Refer to order data

0.33...4

IEC 60947-7-1

IEC	UL	CSA
400	300	300
32	10	10
4	AWG 22...12	AWG 22...12
	6 / 3	
	A3 / 5VA	



**Rated connection**

0.5...4 / 1.5...4

0.5...4 / 0.5...4

0.5...0.6 Nm (M 3)

8 / 4.0 x 0.8 mm

2 single-wire conductors with same cross-section (0.5...1.5 mm<sup>2</sup>) can be connected.

Type	Length/Mounting dimensions	Qty	Order No.
BK 2 CRN	20 mm	100	0624720000
BK 3 CRN	31 mm 11.0 mm	100	0624920000
BK 4 CRN	38 mm 18.0 mm	100	0625120000
BK 6 CRN	52 mm 32.0 mm	50	0625220000
BK 12 CRN	92 mm 72.5 mm	25	0625320000

Type	Width	Qty	Order No.
BSTB 28/2 BK U 1-2		50	0203600000
BSTB 28/4 BK U 1-4		50	0197300000
BSTB 28/6 BK U 1-6		50	0197500000
BSTB 28/12 BK U 1-12		50	0198800000
BSTO 28/2 BK		50	0203500000
BSTO 28/3 BK		50	0203700000
BSTO 28/4 BK		50	0197200000
BSTO 28/6 BK		50	0197400000
BSTO 28/12 BK		50	0198700000



## Multi-pole terminal strips for direct mounting

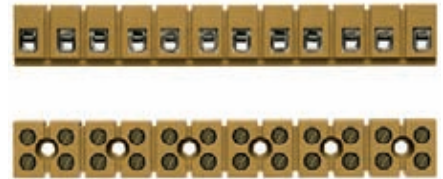
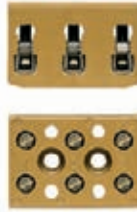
### Screw connection ATEX approval

**BK 2...12/E**

**4 mm<sup>2</sup>**

**MK 3/2...12/E**

**2.5 mm<sup>2</sup>**



Width/Height/ø mounting hole	mm
Length / mounting dimensions	
Max. clamping range	mm <sup>2</sup>

<b>22 x 20 / 3.4</b>
Refer to order data
<b>0.33...4</b>

<b>15 x 16.1 / 3.45</b>
Refer to order data
<b>0.33...4</b>

#### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm <sup>2</sup>
flexible / Stranded wire with end ferrules	mm <sup>2</sup>
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

IEC 60947-7-1		
IEC	UL	CSA
400		
32		
4	AWG 22...12	AWG 22...12
	6 / 3	
	A3 / 5VA	
Rated connection		
0.5...4 / 1.5...4		
0.5...4 / 0.5...4		
0.5...0.6 Nm (M 3)		
8 / 4.0 x 0.8 mm		

IEC 60947-7-1		
IEC	UL	CSA
400		
24		
2.5	AWG 22...12	AWG 22...12
	6 / 3	
	A2 / 5VA	
Rated connection		
0.5...4 / 1.5...2.5		
0.5...2.5 / 0.5...1.5		
0.4...0.45 Nm (M 2.5)		
5 / 0.6 x 3.5 mm		

**Note**

2 single-wire conductors with same cross-section (0.5...1.5 mm<sup>2</sup>) can be connected.

#### Ordering data

Version	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
11-pole	
12-pole	

Type	Length/Mounting dimensions	Qty	Order No.
BK 2/E	20 mm	100	<b>7906040000</b>
BK 3/E	31 mm 11.0 mm	100	<b>7906060000</b>
BK 4/E	38 mm 18.0 mm	100	<b>7906080000</b>
BK 6/E	52 mm 32.0 mm	50	<b>7906090000</b>
BK 12/E	92 mm 72.5 mm	25	<b>7906100000</b>

Type	Length/Mounting dimensions	Qty	Order No.
MK 3/2/E	17.4 mm 18.5 mm	100	<b>7906110000</b>
MK 3/3/E	26.5 mm 18.5 mm	100	<b>7906120000</b>
MK 3/4/E	35.75 mm 18.5 mm	50	<b>7906130000</b>
MK 3/5/E	45 mm 18.5 mm	50	<b>7906140000</b>
MK 3/6/E	54.25 mm 37.0 mm	50	<b>7906150000</b>
MK 3/7/E	63.5 mm 37.0 mm	25	<b>7906160000</b>
MK 3/8/E	72.75 mm 55.5 mm	25	<b>7906170000</b>
MK 3/9/E	82 mm 55.5 mm	25	<b>7906180000</b>
MK 3/10/E	91.25 mm 74.0 mm	25	<b>7906190000</b>
MK 3/11/E	100.5 mm 74.0 mm	20	<b>7906200000</b>
MK 3/12/E	110 mm 92.5 mm	25	<b>7906210000</b>

**Note**

#### Accessories

Marking strips, printed	
Printed	

Type	Qty	Order No.
BSTB 28/2 BK U 1-2	50	<b>0203600000</b>
BSTB 28/4 BK U 1-4	50	<b>0197300000</b>
BSTB 28/6 BK U 1-6	50	<b>0197500000</b>
BSTB 28/12 BK U 1-12	50	<b>0198800000</b>

Type	Qty	Order No.
BSTB 28/12 MK U 1-12	50	<b>0245900000</b>
BSTB 28/8 MK U 1-8	50	<b>0290200000</b>
BSTB 28/6 MK U 1-6	50	<b>0290000000</b>

Marking strips, unprinted	
Unprinted	

Type	Qty	Order No.
BSTO 28/2 BK	50	<b>0203500000</b>
BSTO 28/3 BK	50	<b>0203700000</b>
BSTO 28/4 BK	50	<b>0197200000</b>
BSTO 28/6 BK	50	<b>0197400000</b>
BSTO 28/12 BK	50	<b>0198700000</b>

Type	Qty	Order No.
BSTO 28/12 MK	50	<b>0245800000</b>
BSTO 28/8 MK3/8	50	<b>0284700000</b>
BSTO 28/6 MK	50	<b>0289500000</b>
BSTO 28/4 MK3/4	50	<b>0289300000</b>

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section

**MK 6/2...6/E**

**6 mm<sup>2</sup>**



**23 x 22 / 3.4**

Refer to order data

**0.33...6**

IEC 60947-7-1

IEC	UL	CSA
690		
41		
6	AWG 22...10	AWG 22...10
	8 / 3	
	A3 / 5VA	

**Rated connection**

0.5...6 / 1.5...6
0.5...6 / 0.5...4
1.2...2.0 Nm (M 4)
9 / 4.0 x 0.8 mm

Type	Length/Mounting dimensions	Qty	Order No.
MK 6/2/E	23.5 mm	50	<b>7906220000</b>
MK 6/3/E	36.5 mm 13.0 mm	50	<b>7906230000</b>
MK 6/4/E	49.5 mm 26.0 mm	20	<b>7906240000</b>
MK 6/5/E	62.5 mm 26.0 mm	20	<b>7906250000</b>
MK 6/6/E	75.5 mm 52.0 mm	20	<b>7906260000</b>

Type	Width	Qty	Order No.

# Busbars

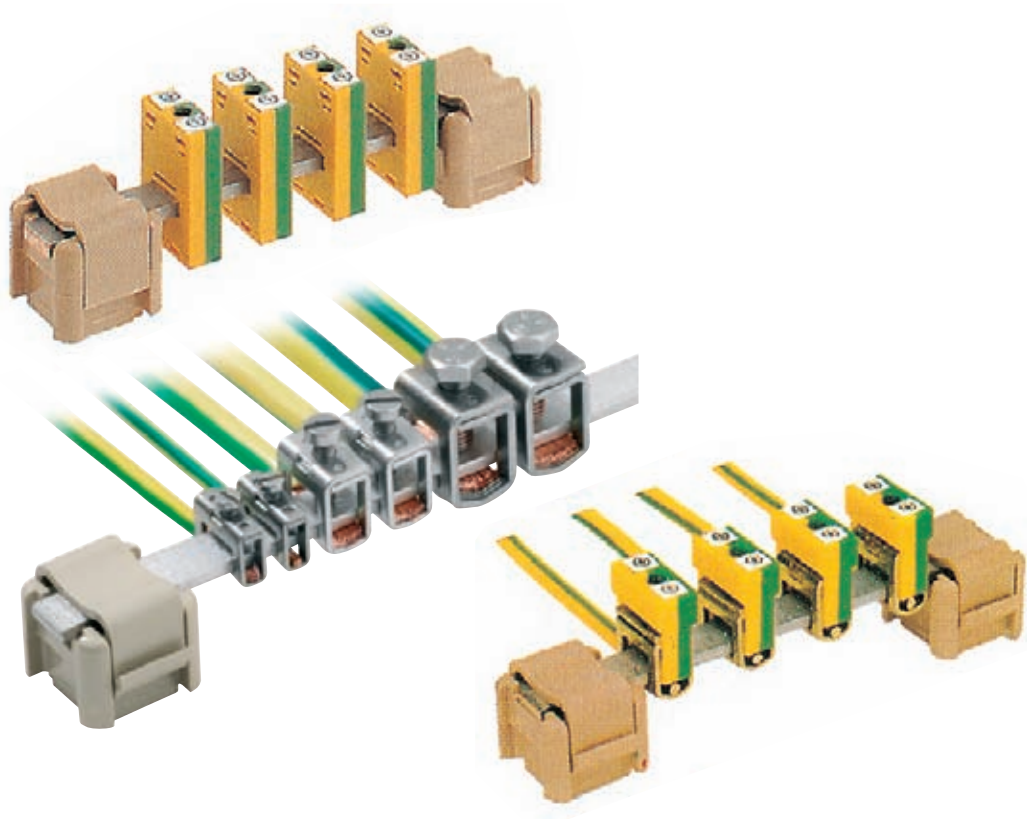
In switchgears and controls, it may be necessary to bring the neutral conductor and the protective conductor together at a central point. Busbars are available for this purpose and can be used for connecting a large number of conductors in a confined space (up to 70 conductors on a 1 m busbar). The conductors are connected by means of a screw clamp or tension clamp. Busbars are held in position by pressure clamps or screw clamps onto the busbar holders. The cable clamps can be pushed on the busbar and adjusted to the entire wiring in the system. The busbars can be used unperforated in any lengths. They are fixed using the SH busbar holder which can, for longer busbars, also be positioned between the clamps.

In order to bring together neutral conductors and protective conductors at a central point, it is advantageous to use ZB cable clamps together with 10 x 3 or 6 x 6 busbars. The cable clamps can be pushed onto the busbar and adjusted to the entire wiring

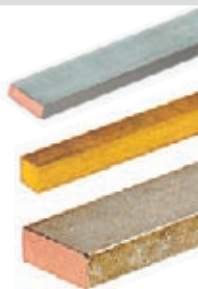
in the system. The cable clamp serves as the protective conductor connection and can be supplied with green/yellow insulating caps. These caps indicate the protective function and marking tags allow clear identification of each conductor. If the cable clamps are used to connect neutral conductors, they can be marked with a blue insulating cap.

ZBE 6 can also be swivelled onto the busbar retrospectively

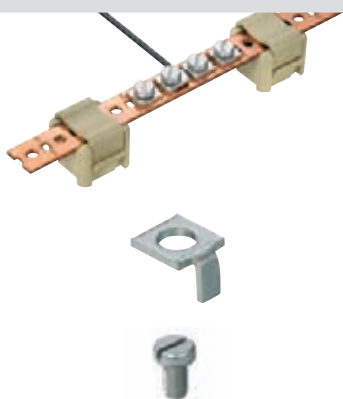
## Cable clamps



Busbars, unperforated



Busbars, perforated



SSch

Type	Material	Cross-section	Length	Current carrying capacity	Qty.	Order No.
SSch 10 x 3	Copper, tin-plated	10 x 3 mm	1 m	140 A	1	0348900000
SSch 10 x 3	Steel, galvanised	10 x 3 mm	1 m		1	0438000000
SSch 10 x 3	Brass, blank	10 x 3 mm	1 m	100 A	1	0259800000
SSch 6 x 6	Copper, tin-plated	6 x 6 mm	1 m	140 A	1	0571300000
SSch 6 x 6	Brass, blank	6 x 6 mm	1 m	100 A	1	0571200000
SSch 15 x 6	Copper, tin-plated	15 x 6 mm	1 m	265 A	1	0357400000

NSch / ESch

Type	Material	Cross-section	Length	Current carrying capacity	Qty.	Order No.
NSch 15 x 2	Copper, blank	15 x 2 mm	1 m	80 A	1	0280200000
ESch 12 x 2	Steel, galvanised	12 x 2 mm	1 m		1	0280300000

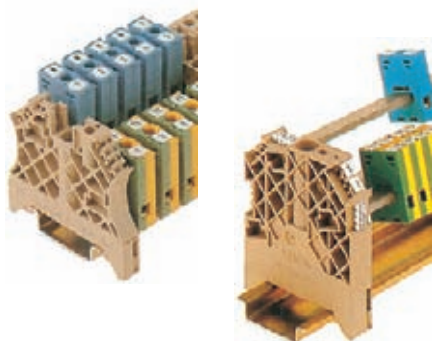
Pressure piece	Qty.	Order No.
DKSUE	100	0280100000
Clamping screw	Qty.	Order No.
BFSC M5 x 8	100	0296700000

Connection data NSch / ESch

Screw connection solid	0.5 ... 2.5 mm <sup>2</sup>
Stripping length	9 mm
Cable lug connection	max. 16 mm <sup>2</sup>
Max. current per connection	27 A



**Busbar holders**

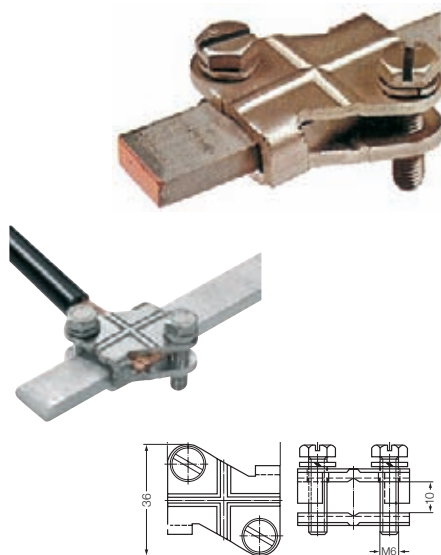


**WEW**

Type	For busbar cross-section	Qty.	Order No.
WEW 35/1	10 x 3, 6 x 6	50	1059000000
WEW 35/2	10 x 3, 6 x 6	100	1061200000

WEW 35/1 and WEW35/2 as busbar holder together with the ZB 4 G tension clamp

**Connection element**



**AK 95**

Type	For busbar cross-section	Qty.	Order No.
AK 95	15 x 6 mm	10	0364200000

The AK 95 connection element is used as a tension clamp for 15 x 6 busbars Connection cross-sections:

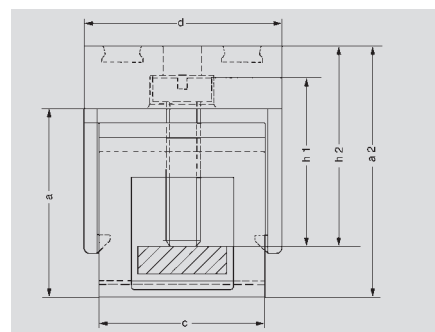
e = 6...16 mm<sup>2</sup>

f = 6...50 mm<sup>2</sup>

m = 16...50 mm<sup>2</sup>

## Busbars

### Cable clamp, uninsulated



#### For 10 x 3 mm busbars



Connection cross-section:	
Solid	0.5 ... 6.0 mm <sup>2</sup>
Flexible	0.5 ... 4.0 mm <sup>2</sup>
Stranded	-
Clamping screw	M 3
Stripping length	16 mm

#### For retrofitting



Connection cross-section:	
Solid	1.0 ... 10 mm <sup>2</sup>
Flexible	1.5 ... 10 mm <sup>2</sup>
Stranded	-
Clamping screw	M 4
Stripping length	19 mm

#### Also for 10 x 5 mm busbar



Connection cross-section:	
Solid	1.5 ... 10 mm <sup>2</sup>
Flexible	2.5 ... 10 mm <sup>2</sup>
Stranded	-
Clamping screw	M 4
Stripping length	19 mm



Connection cross-section:	
Solid	2.5 ... 16 mm <sup>2</sup>
Flexible	2.5 ... 16 mm <sup>2</sup>
Stranded	16 ... 25 mm <sup>2</sup>
Clamping screw	M 4
Stripping length	16 mm



Connection cross-section:	
Solid	-
Flexible	16 ... 35 mm <sup>2</sup>
Stranded	16 ... 50 mm <sup>2</sup>
Clamping screw	M 6
Stripping length	19 mm

#### For 6 x 6 mm busbar



Connection cross-section:	
Solid	0.5 ... 6.0 mm <sup>2</sup>
Flexible	0.5 ... 4.0 mm <sup>2</sup>
Stranded	-
Clamping screw	M 3
Stripping length	16 mm



Connection cross-section:	
Solid	2.5 ... 16 mm <sup>2</sup>
Flexible	2.5 ... 16 mm <sup>2</sup>
Stranded	16 ... 25 mm <sup>2</sup>
Clamping screw	M 4
Stripping length	12 mm

#### ZB / ZBE

Type	Colour	Dimensions [mm]				Qty.	Order No.
		a	width	c	h1		
ZB 4, blank	-	11.7	5.6	16.0	10.0	50	0316500000
Insulating cap	blue					50	0475480000
Insulating cap	green / yellow					50	0475460000

ZBE 6, blank	-	19.5	8.2	19.5	19.0	50	0459500000
Insulating cap	blue					50	0526080000
Insulating cap	green / yellow					50	0526060000

ZB 10, blank	-	19.5	8.2	19.5	19.0	50	1261300000
--------------	---	------	-----	------	------	----	------------

ZB 16, blank	-	17.0	10.0	16.0	17.0	50	0316600000
Insulating cap	blue					50	0502980000
Insulating cap	green / yellow					50	0502960000

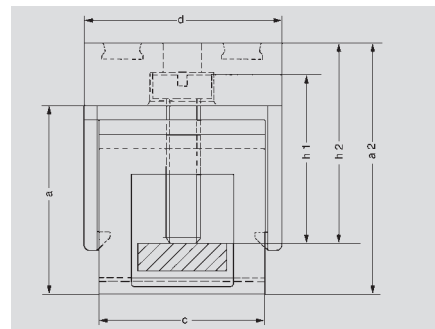
ZB 35, blank	-	21.0	14.4	18.4	20.5	20	0266500000
Insulating cap	blue					50	0502780000

#### ZB

Type	Colour	Dimensions [mm]				Qty.	Order No.
		a	b	c	h1		
ZB 4/6, blank	-	14.7	5.6	12.5	10.0	50	0556700000

ZB 16/6, blank	-	19.0	10.0	12.5	17.0	50	0556800000
----------------	---	------	------	------	------	----	------------

Cable clamp, insulated



For 10 x 3 mm busbars

	Connection cross-section:						
	Solid	0.5 ... 6.0 mm <sup>2</sup>					
	Flexible	0.5 ... 4.0 mm <sup>2</sup>					
	Stranded	-					
	Clamping screw	M 3					
	Stripping length	16 mm					

**For retrofitting**

	Connection cross-section:						
	Solid	1.0 ... 10 mm <sup>2</sup>					
	Flexible	1.5 ... 10 mm <sup>2</sup>					
	Stranded	-					
	Clamping screw	M 4					
	Stripping length	19 mm					

	Connection cross-section:						
	Solid	2.5 ... 16 mm <sup>2</sup>					
	Flexible	2.5 ... 16 mm <sup>2</sup>					
	Stranded	16 ... 25 mm <sup>2</sup>					
	Clamping screw	M 4					
	Stripping length	16 mm					

	Connection cross-section:						
	Solid	-					
	Flexible	16 ... 35 mm <sup>2</sup>					
	Stranded	16 ... 50 mm <sup>2</sup>					
	Clamping screw	M 6					
	Stripping length	19 mm					

**Tension clamp connection**

	Connection cross-section:						
	Solid	0.5 ... 4.0 mm <sup>2</sup>					
	Flexible	0.5 ... 2.5 mm <sup>2</sup>					
	Stranded	-					
	Clamping screw	M 3					
	Stripping length	10 mm					

For 6 x 6 mm busbar

	Connection cross-section:						
	Solid	0.5 ... 6.0 mm <sup>2</sup>					
	Flexible	0.5 ... 4.0 mm <sup>2</sup>					
	Stranded	-					
	Clamping screw	M 3					
	Stripping length	16 mm					

	Connection cross-section:						
	Solid	2.5 ... 16 mm <sup>2</sup>					
	Flexible	2.5 ... 16 mm <sup>2</sup>					
	Stranded	16 ... 25 mm <sup>2</sup>					
	Clamping screw	M 4					
	Stripping length	12 mm					

ZB / ZBE / ZF

Type	Colour	Dimensions [mm]				Qty.	Order No.
		a2	width	d	h2		
ZB 4 G GN/GE	green/yellow	27.0	7.6	19.7	15.5	50	0322160000
ZB 4 G BL	blue	27.0	7.6	19.7	15.5	50	0322180000
ZB 4 G SW	black	27.0	7.6	19.7	15.5	50	0322110000
ZB 4K GN/GE	grün/gelb	18.5	6.0	19.0	13.0	50	0475360000
ZB 4K BL	blue	18.5	6.0	19.0	13.0	50	0475380000

ZBE 6K GN/GE	green/yellow	27.0	8.0	22.5	23.0	50	0525960000
ZBE 6K BL	blue	27.0	8.0	22.5	23.0	50	0525980000
ZBE 6K SW	black	27.0	8.0	22.5	23.0	50	0525910000

ZB 16K GN/GE	green/yellow	24.0	10.0	19.2	20.0	50	0502860000
ZB 16K BL	blue	24.0	10.0	19.2	20.0	50	0502880000

ZB 35K GN/GE	green/yellow	25.0	14.4	32.0	20.5	20	0502660000
ZB 35K BL	blue	25.0	14.4	32.0	20.5	20	0502680000
ZB 35K SW	black	25.0	14.4	32.0	20.5	20	0502610000

ZF 4 S	beige	22.0	6.1	24.5	-	50	1814680000
ZF 4 S BL	blue	22.0	6.1	24.5	-	50	1814660000
ZF 4 S GN/GE	green/yellow	22.0	6.1	24.5	-	50	1814670000

ZB 4/6K GN/GE	green/yellow	21.2	6.0	25.0	14.0	50	0565460000
ZB 4/6K BL	blue	21.2	6.0	25.0	14.0	50	0565480000

ZB

Type	Colour	Dimensions [mm]				Qty.	Order No.
		a2	b	d	h2		
ZB 16/6K GN/GE	green/yellow	26.0	9.7	25.0	20.0	50	0569660000

ZB 16/6K GN/GE	green/yellow	26.0	9.7	25.0	20.0	50	0569660000
----------------	--------------	------	-----	------	------	----	------------



# Terminal rail systems

Both active and passive components and intelligent modules are mounted on terminal rails – a method which has proven its worth over the years. But it is only after the use of certain consumables – which are frequently not taken into consideration – that electrical installation is finally completed. In this chapter, users will find a range of terminal rails and profile rails for component installation together with end brackets for holding and isolating the components. This guarantees firm installation and isolation. Weidmüller supplies components which show perfect functional compatibility.

Terminal rails are made of either steel, stainless steel, aluminium, copper or plastic, depending on the area of application.

## Stainless steel

Stainless steel is a collective noun for all kinds of steel (alloys) which are smelted in a special process and have a high degree of purity. Stainless steel has much-enhanced resistance to corrosion. Weidmüller's stainless steel terminal rails have the following composition: X5 CrNi 18-10 stainless steel (i.e. ~ 18 % chromium, ~ 10 % nickel).

## Aluminium

Aluminium is second only to copper in its electrical conductivity. One advantage is its light weight. Aluminium oxidises quickly in air; thus passivated, it offers excellent corrosion protection.

## Copper

Copper, a heavy metal, has the best electrical conductivity of all metals used. As it is a soft metal, Weidmüller's terminal rails are 2.3 mm thick.

## Plastic

The plastic terminal rail scores on two counts: firstly, its insulating properties, and secondly, its low weight. This leads to its use in special applications where, for example, clearance and creepage distances with respect to the mounting plate cannot be achieved with the standard terminal rails.

## Steel

Weidmüller started developing RoHS-compliant surfaces at a very early stage to meet the requirements of EU directives. This commitment is now paying off because Weidmüller products comply with the statutory instruments at an early date and provide you, the customer, with the customary, high Weidmüller quality. All the yellow-passivated surfaces so well known to users will in future be replaced by terminal rails with the new **WIN-Q** surface finish. This name stands for the Weidmüller quality, in other words excellent surface protection and, at the same time, excellent electrical properties.

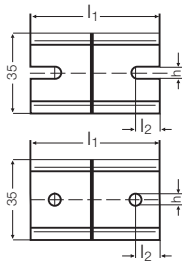
A terminal rail can also be used as a protective conductor busbar. Weidmüller PE / earth terminals in the W-Series, Z-Series, I-Series, SAK- and AKZ-Series comply with requirements stipulated in IEC 60 947-7-2. According to VDE 0100 part 540, for conductors with cross-sectional areas exceeding 10 mm<sup>2</sup>, both protective and neutral conductors may be grouped together as a single category of conductors designated PEN.

If a terminal rail is used as a PEN busbar, the following criteria must be observed:

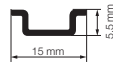
- Only E-Cu or aluminium profiles are allowed
- Short-circuit currents and thermal rated currents must be taken into account
- The terminal rails are to be insulated as a contribution to protective insulation

All unperforated terminal rails can be provided with fixing holes (state dimensions h and l<sub>2</sub>).  
Possible diameters are 3.5 / 5.6 / 5.5 / 7 mm.

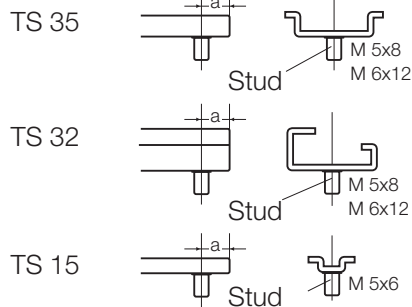
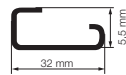
All unperforated steel rails can also be supplied with welded on steel studs (state dimension a and required studs).



**TS 15**



**TS 32**

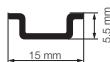


**TS 35**

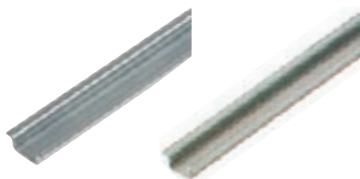


## Terminal rails

### TS15 terminal rail



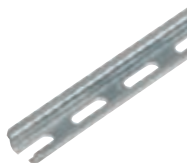
#### Unperforated



#### TS 15 x 5

Aluminium	Short-circuit strength	Material thickness	Length	Qty.	Order No.
TS 15x5 2M/AL/BK (max. permissible rated current for PEN function = 76 A)	16 mm <sup>2</sup>	1 mm	2 m	10 m	0134700000
Steel, galvanised and passivated					
TS 15x5 2M/ST/ZN	10 mm <sup>2</sup>	1 mm	2 m	2 m	0514200000

#### With slotted hole



Aluminium	Short-circuit strength	Material thickness	Length	Qty.	Order No.
TS 15x5/LL 2M/AL/BK (max. permissible rated current for PEN function = 76 A)	16 mm <sup>2</sup>	1 mm	2 m	2 m	0217900000
Steel, galvanised and passivated					
TS 15x5/LL 2M/ST/ZN	10 mm <sup>2</sup>	1 mm	2 m	2 m	0117500000
TS 15x5/LL 1M/ST/ZN	10 mm <sup>2</sup>	1 mm	1 m	10 m	0117510000

### TS 32 terminal rail



#### Unperforated



#### TS 32 x 15

Aluminium	Short-circuit strength	Material thickness	Length	Qty.	Order No.
TS 32X15 2M/AL/BK (max. permissible rated current for PEN function = 192 A)	70 mm <sup>2</sup>	1.5 mm	2 m	2 m	0169300000
Steel, galvanised and passivated					
TS 32X15 2M/ST/ZN	35 mm <sup>2</sup>	1.5 mm	2 m	2 m	0122800000

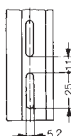
#### Copper

TS 32X16.2 2M/CU/BK (max. permissible rated current for PEN function = 269 A)	120 mm <sup>2</sup>	2.1 mm	2 m	2 m	0364300000
----------------------------------------------------------------------------------	---------------------	--------	-----	-----	------------

#### Stainless steel

TS 32X15 2M/CRN	35 mm <sup>2</sup>	1.5 mm	2 m	2 m	0293220000
-----------------	--------------------	--------	-----	-----	------------

#### With slotted hole

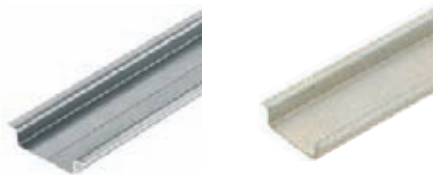


Steel, galvanised and passivated	Short-circuit strength	Material thickness	Length	Qty.	Order No.
TS 32X15/LL 2M/ST/ZN	35 mm <sup>2</sup>	1.5 mm	2 m	2 m	0514400000

TS 35 x 7,5 terminal rail



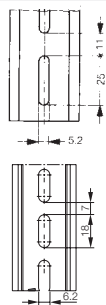
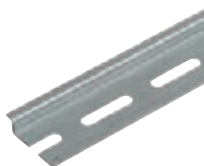
Unperforated



TS 35 x 7.5

Aluminium	Short-circuit strength	Material thickness	Length	Qty.	Order No.
TS 35X7.5 2M/AL/BK (max. permissible rated current for PEN function = 125 A)	35 mm <sup>2</sup>	1 mm	2 m	2 m	0330800000
Steel, galvanised and passivated					
TS 35X7.5 2M/ST/ZN	16 mm <sup>2</sup>	1 mm	2 m	2 m	0383400000
TS 35X7.5 1M/ST/ZN	16 mm <sup>2</sup>	1 mm	1 m	10 m	0383410000
Stainless steel					
TS 35X7.5 2M/CRN	16 mm <sup>2</sup>	1 mm	2 m	2 m	1747350000

With slotted hole

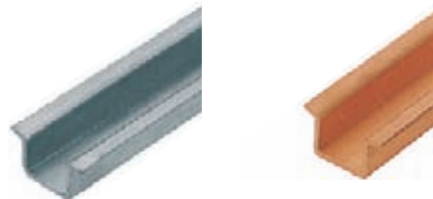


Steel, galvanised and passivated	Short-circuit strength	Material thickness	Length	Qty.	Order No.
TS 35X7.5/LL 2M/ST/ZN	16 mm <sup>2</sup>	1 mm	2 m	2 m	0514500000
TS 35X7.5/LL 1M/ST/ZN	16 mm <sup>2</sup>	1 mm	1 m	10 m	0514510000
TS 35X7.5/LL/6 2M/ST/ZN	16 mm <sup>2</sup>	1 mm	2 m	2 m	0514570000

TS 35 x 15 terminal rail



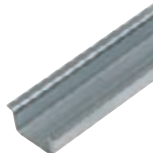
Unperforated



TS 35 x 15

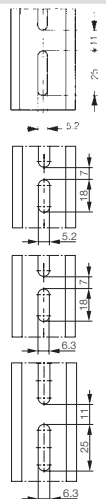
Copper	Short-circuit strength	Material thickness	Length	Qty.	Order No.
TS 35X15/2.3 2M/CU/BK (max. permissible rated current for PEN function = 309 A)	150 mm <sup>2</sup>	2.3 mm	2 m	2 m	0270100000
Steel, galvanised and passivated					
TS 35X15/2.3 2M/ST/ZN	50 mm <sup>2</sup>	2.3 mm	2 m	2 m	0498000000
Aluminium					
TS 35X15/2.3 2M/AL/BK (max. permissible rated current for PEN function = 192 A)	70 mm <sup>2</sup>	2.3 mm	2 m	2 m	1848290000

Unperforated



Steel, galvanised and passivated	Short-circuit strength	Material thickness	Length	Qty.	Order No.
TS 35X15 2M/ST/ZN	25 mm <sup>2</sup>	1.5 mm	2 m	2 m	0236400000

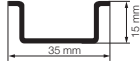
With slotted hole



Steel, galvanised and passivated	Short-circuit strength	Material thickness	Length	Qty.	Order No.
TS 35X15/LL 2M/ST/ZN	25 mm <sup>2</sup>	1.5 mm	2 m	2 m	0236500000
TS 35X15/LL 1M/ST/ZN	25 mm <sup>2</sup>	1.5 mm	1 m	10 m	0236510000
TS 35X15LL/5 2M/ST/ZN	25 mm <sup>2</sup>	1.5 mm	2 m	2 m	1837380000
TS 35X15/LL/6x18 2M/ST/ZN	25 mm <sup>2</sup>	1.5 mm	2 m	2 m	1805980000
TS 35X15/LL/6x25 2M/ST/ZN	25 mm <sup>2</sup>	1.5 mm	2 m	2 m	1866290000

Terminal rails

TS 35 x 15 terminal rail



Unperforated

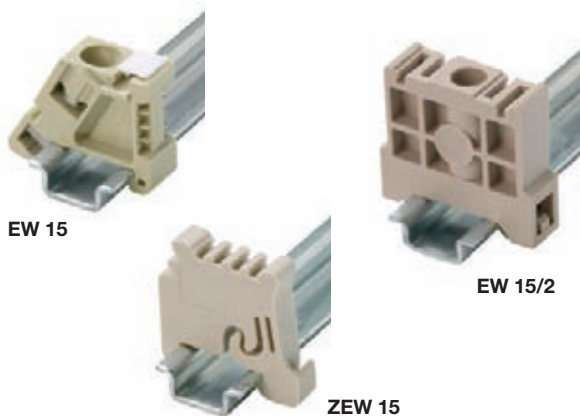


**TSK 35 x 15**

Plastic PVC RAL 7035	Length	Qty.	Order No.
TSK 35X15 2M PVC/GR	2 m	2 m	0514300000

## End brackets

## For TS 15 terminal rail

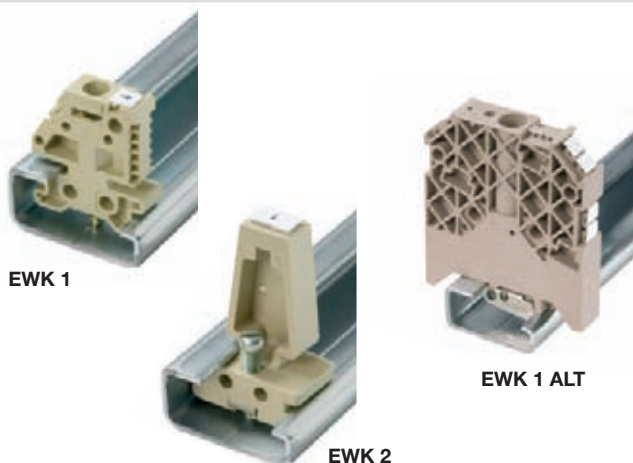


Polyamide 66, screw-in	Colour	Torque	Qty.	Order No.
EWK AKA 2.5	beige	0.4 Nm	50	0348660000
EW 15	beige	0.4 Nm	50	0382860000

Polyamide with fibreglass, screw-in	Colour	Torque	Qty.	Order No.
EW 15/2	dark beige	0.4 Nm	50	1071900000

Polyamide 66, screwless	Colour	Torque	Qty.	Order No.
ZEW 15	beige		20	7920340000

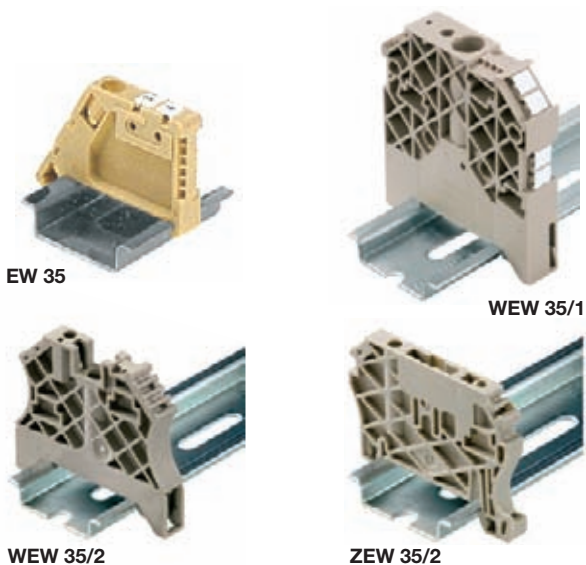
## For terminal rail TS 32



Polyamide 66, screw-in	Colour	Torque	Qty.	Order No.
EWK 2	beige	1.2 Nm	50	0199360000
EWK 1 TS 32 M4X18	beige	1.2 Nm	50	0206160000
EWK 1 ALT	beige	0.6 Nm	50	0495160000

Polyamide with fibreglass, screw-in	Colour	Torque	Qty.	Order No.
WEW 32/1	dark beige	0.5 Nm	50	1067600000

## For terminal rail TS 35



Polyamide 66, screw-in	Colour	Torque	Qty.	Order No.
EW 35	beige	0.5 Nm	50	0383560000
EW 35 GR	grey	0.5 Nm	50	0383530000

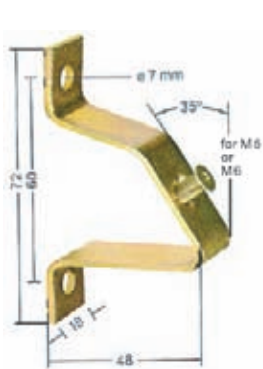
Polyamide with fibreglass, screw-in	Colour	Torque	Qty.	Order No.
WEW 35/1	dark beige	1.2 Nm	50	1071900000
WEW-35/2	dark beige	0.5 Nm	100	1061200000

Polyamide 66, screwless	Colour	Torque	Qty.	Order No.
ZEW (6 mm)	beige		20	9540000000
ZEW 35/2 (8 mm)	beige		20	8630740000

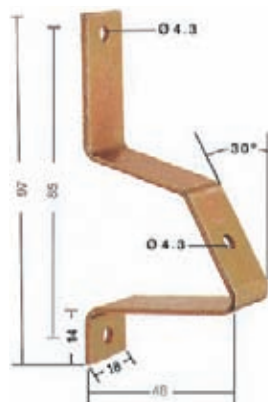
## Terminal rails

### Terminal rail supports / Mounting feet

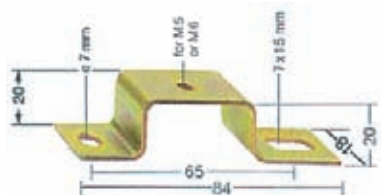
#### Terminal rail supports



TSTW 6/M6



TSTW D 4.3



TST

	Thread	Qty.	Order No.
TSTW 5/M5	M5	10	0178100000
TSTW 5/M5 galvanised	M6	10	1779100000
TSTW 6/M6	M5	10	0164000000
TSTW D 4.3	Hole $\varnothing$ 4.3 mm	10	1610110000

Terminal rail supports of type **TSTW** are used for angled fixing of terminal rails at an angle of 35°.

TST 2/M5	M5	10	1286600000
TST 2/M6	M6	10	0101700000

The **TST** terminal rail support is used for assembly of terminal rails in a frame or over a cut-out

Fixing screws			
FKSC M5x8 $\varnothing$ 9		50	0295900000
FKSC M6x8 $\varnothing$ 9		50	0642600000
FKSC M6x12 $\varnothing$ 9		50	0353500000

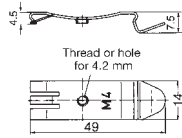
Weidmüller supplies fixing screws with hexagonal sockets and a very low head for the terminal rail supports so that the terminals can also be fitted over the screw.

Terminal rail supports / Mounting feet

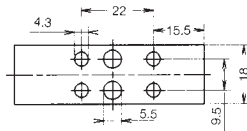
Mounting feet



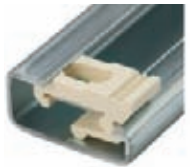
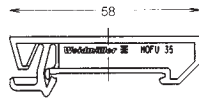
FM



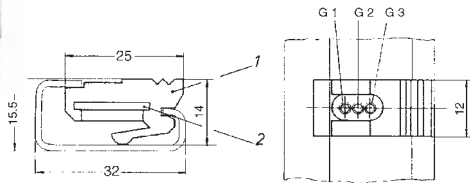
MOFU 35/LO/1



MOFU 35



MB



Clip-on foot, steel for TS 35	Thread	Qty.	Order No.
FM 4	M4	40	0687900000
FM 5	M5	40	0636800000
FM 6	M6	40	0636900000
FM 4.2	Hole ø 4.2 mm	40	1724580000

Mounting foot, PA orange for TS 35		Qty.	Order No.
MOFU 35/LO/1	with holes	20	0646260000
MOFU 35		20	0495660000

Sliding nut for TS 32		Colour	Qty.	Order No.
MB M3/M5	M3 und M5	creme	20	0503500000
MB M5/M3	M5 und M3	black	20	0553400000
MB M6/M4	M6 und M4	grey	20	0334900000

The sliding nut for the RS 32 terminal rail has two threaded holes for screws M3 + M5 / M6 + M4 / M5 + M3. It is used to fasten components which cannot be slotted directly onto the TS 32, in particular the smaller TS 15 top hat rail. This enables, for example, mini-terminals to be snapped onto the TS 15 first, and this rail is then fastened together with the terminals to the TS 32 using the sliding nut.



## RailMate terminal rail system for the TS 35 x 7.5 and TS 35 x 15 terminal rails

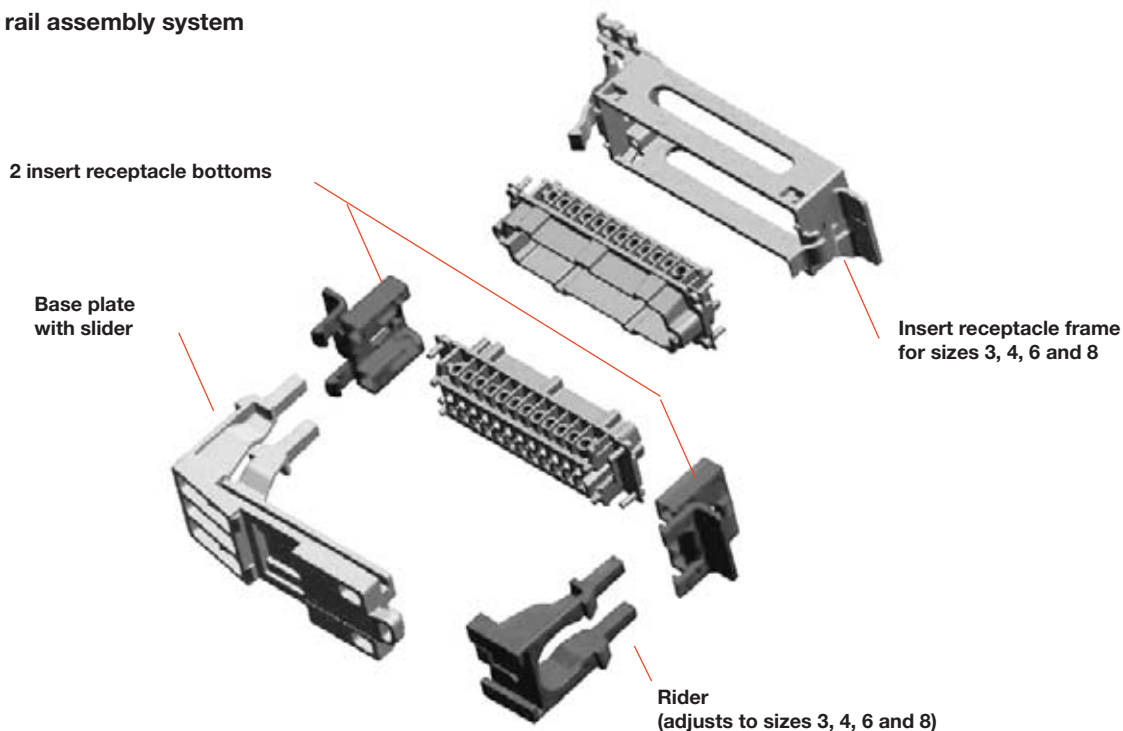
To save costs, it is possible to dispense with an expensive die cast aluminium enclosure within a control cabinet by using RailMate, which provides ingress protection class IP20. The terminal rail assembly system can be used to mount the inserts of the heavy-duty plug-in connectors and also the "ConCept" modular plug-in connector system on the terminal rail. This is all done without tools, simply by clipping the parts on.

A large surface at the base of the insert receptacle and on the frame allow for clear identification of equipment.

In the control cabinet, RailMate lets the user accommodate the maximum number of electrical connections in a minimum area.



## RailMate terminal rail assembly system



## Ordering data individual components

Type	For inserts of size	Qty.	Order No.
<b>Insert receptacle frame</b>			
HDC RailMate HB6 Top	3	10	1797540000
HDC RailMate HB10 Top	4	10	1797550000
HDC RailMate HB16 Top	6	10	1797560000
HDC RailMate HB24 Top	8	10	1797570000

<b>Base plate, rider and 2 insert receptacle bottoms</b>			
HDC RailMate Basis	3, 4, 6, 8	1	1797580000

## Technical data

Material	PC
Properties	Phosphorous and halogen free
Colour	grey (RAL 7032)
Temperature range	-40°C ... +125 °C
Flammability class	V-0 to UL 94

## Accessories

Type	Qty.	Order No.
<b>Coding set</b>		
HDC RailMate COS	50 poles and plugs 6 different coding versions	1 1798260000

## Marking labels for laser printer (1 sheet = 264 labels)

LM MT 300 20/8	silver	10 sheets	1686380001
LM MT 300 20/8	white	10 sheets	1686381044
LM MT 300 20/8	yellow	10 sheets	1686381687

## Marking labels for thermotransfer printer (1 roll = 10,000 labels)

THM MT30X 32/9	silver	1 roll	1751770001
LM MT 300 20/8	white	1 roll	1751771044
LM MT 300 20/8	yellow	1 roll	1751771687

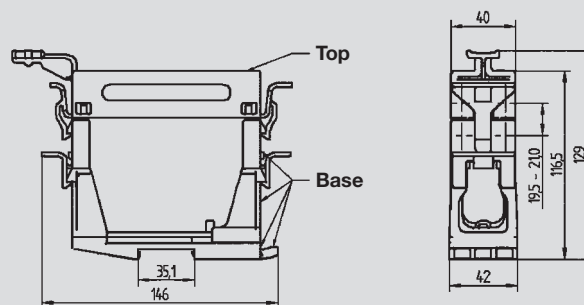
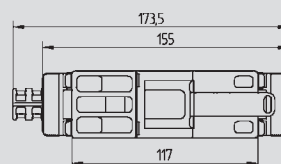
## Ordering data sets

Type	For inserts of size	Qty.	Order No.
HDC RailMate HB6 Set	3	1	1797500000
HDC RailMate HB10 Set	4	1	1797510000
HDC RailMate HB16 Set	6	1	1797520000
HDC RailMate HB24 Set	8	1	1797530000

Each set consists of:

- 1 base plate
- 1 slider
- 2 insert receptacle bottoms
- 1 insert receptacle frame

## Dimensions



# Terminal markers

Weidmüller's multitude of different terminal markers enable users to solve virtually every labelling task of all types of wire and cable connectors. Whether multi-character labelling, ready-to-use markers with standard printing or individual, custom markers, whether white or coloured or group designations at terminals, the comprehensive range of Weidmüller products solves every marking task simply, quickly and clearly.

The tables on the following pages show which markers fit the various terminal series. The terminal pitch governs the selection of a marker. For example, a WDU 2.5 terminal has a pitch of 5 mm, the WS 12/5 marker is 12 mm long and suitable for a 5 mm pitch.

Whole blocks of terminals can be marked as a strip using the Weidmüller system. When a terminal with a larger pitch has to be marked (e.g. WDU 16), a smaller marker (e.g. WS 12/5) can be clipped onto it. Most of the markers are compatible with each other.

The two traditional marker series, DEK and WS, are available as ready-to-use markers. And these markers are also available in the MultiCard format for printing by users themselves. MultiCard – the concept for labelling with the SMark Laser, Print-Jet, Plotter or MC-Mobilo.

To see a small selection of the Weidmüller markers, order our bag of samples, order No. **1646670000**.

Owing to the sheer number of possible applications and environmental influences such as moisture, radiation, gases or heat/cold to which the products can be exposed, Weidmüller accepts no liability for the suitability of products in all customer applications. Suitability tests for specific applications must therefore be carried out by the customer. However, Weidmüller will be happy to provide help and advice upon request.

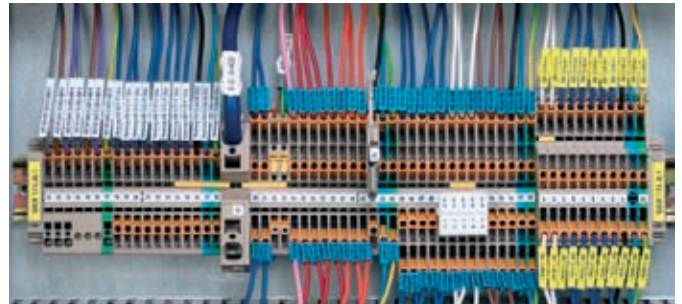
## W series



## Z series



## I series



## P series



Due to the different identification system available on the market, we wish to point out that Weidmüller does not guarantee industrial identification products if the Weidmüller components (markers – transparent sleeves – ink/toner/colour ink ribbons – printing systems) are combined with third-party products, unless Weidmüller has explicitly agreed for the purpose of an individual application.

Designation	Terminal width	DEK	WS	ZS	SchT 7	SchT 9/4	SchT 14/6	WTS 3/4	WGB 5/ WAD 5	WGB 8/ WAD 8	WAD 12	WAD 27	ZGB 15/ ZGB 30	BZT 1	BZT 2	EM 8/30
AKE 2.5/AKZ 2.5...	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AKZ 1.5...	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AKZ 4.../AKB 4...	6	6	8/5	-	-	x	-	-	-	-	-	-	-	-	-	-
BZT ZVL 1.5	5.08	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-
DLA 2.5...	6	6	8/5	-	x	x	x	-	-	-	-	-	-	-	-	-
DLD 2.5...	6	6	8/5	-	x	x	x	-	-	-	-	-	-	-	-	-
DLI 2.5	6	6	8/5	-	x	x	x	-	-	-	-	-	-	-	-	-
EW 15	9.5	5	12/5	-	x	x	-	x	-	-	-	-	-	-	-	-
EW 15/2	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EW 35	8.5	5	8/5	-	-	-	-	x	-	-	-	-	-	-	-	-
EWK	8.5	5	8/5	-	-	-	-	-	-	-	-	-	-	-	-	-
EWK 1	8.5	5	8/5	-	-	-	-	x	-	-	-	-	-	-	-	-
EWK 2	8.5	5	8/5	-	-	-	-	-	-	-	-	-	-	-	-	-
IAK 1.5N 3L	5	5	10/5 <sup>2)</sup>	10/5	-	-	-	-	-	-	-	-	x	-	-	-
IDK 1.5N	5	5	10/5 <sup>2)</sup>	10/5	-	x <sup>3)</sup>	-	-	-	-	-	-	-	-	-	-
IDK 1.5N/V	5	5	10/5 <sup>2)</sup>	10/5	-	-	-	-	-	-	-	-	x	-	-	-
IDU 1.5 N ...	5	5	10/5 <sup>2)</sup>	10/5	-	-	-	-	-	-	-	-	x	-	-	-
IDU 2.5N...	6	6	10/6 <sup>1)</sup>	12/6	-	-	-	-	-	-	-	-	-	-	-	-
IEK 1.5N...	5	5	10/5 <sup>2)</sup>	10/5	-	-	-	-	-	-	-	-	x	-	-	-
IIK 1.5N...	5	5	10/5 <sup>2)</sup>	10/5	-	-	-	-	-	-	-	-	x	-	-	-
IPE 1.5N...	5	5	10/5 <sup>2)</sup>	10/5	-	-	-	-	-	-	-	-	x	-	-	-
IPE 2.5N...	6	6	10/6 <sup>1)</sup>	12/6	-	-	-	-	-	-	-	-	-	-	-	-
ITR 1.5N...	5	5	10/5 <sup>2)</sup>	10/5	-	-	-	-	-	-	-	-	x	-	-	-
ITR 2.5N...	6	6	10/6 <sup>1)</sup>	12/6	-	-	-	-	-	-	-	-	-	-	-	-
PTR 2.5/...	5	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-
MAK 2.5/VLI 1.5...	6	6	8/5	-	x	x	x	-	-	-	-	-	x	-	-	-
WDK 1.5/R 3.5...	3.5	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WDK 2.5 ...	5	5	8/5	-	-	x	-	-	-	-	-	-	x	-	-	-
WDK 2.5 800V	6	6	8/5	-	-	x	-	-	-	-	-	-	x	-	-	-
WDK 2.5/BLA R5.08	5.08	5	8/5	-	-	-	-	x	-	-	-	-	-	-	-	-
WDK 2.5/BLZ R5.08	5.08	5	8/5	-	-	-	-	x	-	-	-	-	-	-	-	-
WDK 2.5N...	5	5	8/5	-	-	-	-	-	-	-	-	-	-	-	-	-
WDK 4N...	5	5	8/5	-	-	-	-	-	-	-	-	-	-	-	-	-
WDL 2.5/...	6	6	8/5	-	-	-	-	x	-	-	-	-	x	-	-	-
WDT 1.5	6.5	6.5	8/5	-	-	-	-	-	-	-	-	-	-	-	-	-
WDTR 2.5...	6.2	6	8/5	-	-	x	-	-	-	-	-	-	-	-	-	-
WDU (WPE) 120/150	32	5	10/5	-	-	-	-	x	-	-	-	x	-	-	-	-
WDU (WPE) 35 N	16	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WDU (WPE) 70/95	27	5	12/5	-	-	-	-	x	-	-	-	x	-	-	-	-
WDU (WPE) 70N	20.5	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WDU 1.5 LD/BLA	5.08	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WDU 1.5/BLA	5.08	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WDU 1.5/BLZ R7.62	7.62	5	-	-	-	-	-	-	-	-	-	-	x	-	-	-
WDU 1.5/BLZ/5.08	5.08	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WDU 1.5/BLZ/LD/5.08	5.08	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WDU 1.5/R 3.5...	3.5	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WDU 1.5/R/BLA	5.08	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WDU 1.5/ZZ	5	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WDU 10 SL	10	5	12/5	-	x	x	x	x	x	x	-	-	x	-	-	-
WDU 10...	10	5	12/5	-	x	x	x	x	x	x	-	-	x	-	-	-
WDU 16 (Z/A)	12	5	12/5	-	x	x	x	x	-	-	x	-	x	-	-	-
WDU 16 N	12	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WDU 2.5 F	5	5	12/5	-	-	-	-	x	-	-	-	-	-	-	-	-
WDU 2.5 FF	5	5	12/5	-	x	-	-	x	-	-	-	-	-	-	-	-
WDU 2.5 N (WDU 1.5)	5	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WDU 2.5 TC...	5	5	12/5	-	x	x	-	x	-	-	-	-	x	-	-	-
WDU 2.5...	5	5	12/5	-	x	x	x	x	x	-	-	-	x	-	-	-
WDU 2.5/1.5/ZZ	5	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WDU 2.5/BLZ R7.62	7.62	5	-	-	-	-	-	-	-	-	-	-	x	-	-	-
WDU 240...	36	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-
WDU 35	16	5	12/5	-	x	x	x	x	-	-	x	-	x	-	-	-
WDU 4 ...	6	6	12/6	-	x	x	x	x	x	-	-	-	x	-	-	-
WDU 4N ...	6	6	12/6	-	x	x	x	x	-	-	-	-	x	-	-	-
WDU 50N	18.5	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-
WDU 6 ...	8	8	12/8	-	x	x	x	x	x	x	-	-	x	-	-	-
WDU 95N	27	8	15/5	-	-	-	-	-	-	-	-	-	-	-	-	-
WDUL 4	6	6	12/6	-	x	x	x	x	x	-	-	-	x	-	-	-
WEW 32/1	12.2	5	12/5	-	x	x	x	x	-	-	-	x	x	-	-	-
WEW 35/1	12.2	5	12/5	-	x	x	x	x	-	-	-	x	x	-	-	-
WEW 35/2	8	8	12/5	-	x	x	x	x	-	-	x	-	-	-	-	x
WF 10...	35.6	6	15/5	-	-	-	-	-	-	-	-	-	-	-	-	-
WF 12...	35.6	6	15/5	-	-	-	-	-	-	-	-	-	-	-	-	-
WF 5...	13	6	15/5	-	-	-	-	-	-	-	-	-	-	-	-	-
WF 6...	19.6	6	15/5	-	-	-	-	-	-	-	-	-	-	-	-	-
WF 8...	24.6	6	15/5	-	-	-	-	-	-	-	-	-	-	-	-	-
WFF 120...	42	5	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
WFF 185...	55	5	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
WFF 300...	55	5	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
WFF 35...	27	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-
WFF 70...	32	5	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
WGK	8-25	5.6,8	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-
WMA 4...	6	6	12/6	-	x	x	x	x	x	-	-	-	x	-	-	-
WNT 10	10	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WNT 16 N	12	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WNT 2.5	5	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-

<sup>1)</sup> = WS 10/6 Middle; <sup>2)</sup> = WS 10/5 Middle; <sup>3)</sup> = SnapMark

# Terminal markers – Selection table

Designation	Terminal width	DEK	WS	ZS	SchT 7	SchT 9/4	SchT 14/6	WTS 3/4	WGB 5/ WAD 5	WGB 8/ WAD 8	WAD 12	WAD 27	ZGB 15/ ZGB 30	BZT 1	BZT 2	EM 8/30
WNT 35 N	16	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WNT 4	6	6	12/6	-	x	x	x	x	-	-	-	-	x	-	-	-
WNT 6	8	8	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WNT 70 N	20.5	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WPE 1.5/R3.5	3.5	3.5	12/3.5	-	-	-	-	-	-	-	-	-	-	-	-	-
WPE 1.5/ZZ	5	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WPE 10...	10	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WPE 120	32	8	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
WPE 16	12	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WPE 16 N	12	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WPE 2.5 N (WPE 1.5)	5	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WPE 2.5...	5	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WPE 2.5/1.5/ZR	5	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-
WPE 35...	16	5	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WPE 4	6	6	12/6	-	x	x	x	x	-	-	-	-	x	-	-	-
WPE 4N	6	6	12/6	-	-	-	-	-	-	-	-	-	-	-	-	-
WPE 50N	18.5	8	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
WPE 6	8	8	12/5	-	x	x	x	x	-	-	-	-	x	-	-	-
WPE 95N/120N	27	8	15/5	-	-	-	-	-	-	-	-	-	-	-	-	-
WPO 4	6	6	10/6	-	-	-	-	-	-	-	-	-	x	-	-	-
WSI 6...	8	8	12/5	-	-	-	-	x	-	-	-	-	x	-	-	-
WSI 6/2...	12	8	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
WTD 6/1	8	8	12/5	-	-	-	-	x	-	-	-	-	x	-	-	-
WTL 4 ...	6	6	12/6	-	-	-	-	-	-	-	-	-	-	-	-	-
WTL 6/1...	8	8	12/8	-	-	-	-	x	-	-	-	-	x	-	-	-
WTL 6/2	8	8	12/8	-	-	-	-	x	-	-	-	-	x	-	-	-
WTL 6/3...	8	8	12/8	-	-	-	-	x	-	-	-	-	x	-	-	-
WTQ 6/1	8	8	12/8	-	-	-	-	x	-	-	-	-	x	-	-	-
WTR 2.5 ...	5	5	12/5	-	-	-	-	x	-	-	-	-	x	-	-	-
WTR 4...	6	6	12/6	-	-	-	-	-	-	-	-	-	-	-	-	-
ZAP/TW ZIA 1.5/...	3.8	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZDK 1.5...	3.5	3.5	12/3.5	-	-	-	-	-	-	-	-	-	-	-	-	-
ZDK 2.5...	5	5	12/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-
ZDK 2.5-2...	5	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-
ZDK 2.5/3AN	5	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-
ZDK 4/S/...	6	6	-	12/6	-	-	-	x	-	-	-	-	x	-	-	-
ZDK 6/S/...	8	8	-	-	-	-	-	x	-	-	-	-	x	-	-	-
ZDKPE 2.5	5	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-
ZDL 2.5/...	5	5	-	10/5	-	-	-	-	-	-	-	-	x	-	-	-
ZDLD 2.5-2...	5	5	-	10/5	-	-	-	-	-	-	-	-	x	-	-	-
ZDT 2.5 ...	5	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-
ZDTPE 2.5...	5	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-
ZDTR 2.5	5	5	12/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-
ZDU (ZPE) 10	10	5	12/5	15/5	-	x	-	-	-	-	-	-	x	x	x	-
ZDU (ZPE) 10/S...	10	5	10/5	15/5	-	x	-	-	-	-	-	-	x	x	x	-
ZDU (ZPE) 16...	12	5	12/5	15/5	-	x	-	x	-	-	-	-	x	x	x	-
ZDU (ZPE) 16/S...	12	5	10/5	15/5	-	x	-	-	-	-	-	-	x	x	x	-
ZDU (ZPE) 2.5N	5	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-
ZDU (ZPE) 2.5 ...	5	5	12/5	15/5	-	-	-	x	-	-	-	-	x	x	x	-
ZDU (ZPE) 2.5-2/...	5	5	12/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-
ZDU (ZPE) 35...	16	5	12/5	15/5	-	-	-	x	-	-	-	-	x	x	x	-
ZDU (ZPE) 4...	6	6	12/6	12/6	-	-	-	x	-	-	-	-	x	x	x	-
ZDU (ZPE) 4-2...	6	6	12/6	12/6	-	-	-	-	-	-	-	-	-	-	-	-
ZDU (ZPE) 6...	8	8	12/8	15/5	-	-	-	x	-	-	-	-	x	x	x	-
ZDU (ZPE) 6-2...	8	8	12/8	12/6	-	-	-	-	-	-	-	-	-	-	-	-
ZDU 1.5...	3.5	3.5	12/3.5	-	-	-	-	-	-	-	-	-	-	x	x	-
ZDUA (ZPEA) 2.5-2	5	5	8/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-
ZDUA 2.5-2N	5	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-
ZDUB (ZPEB) 2.5-2/...	5	5	8/5	15/5	-	-	-	-	-	-	-	-	x	-	-	-
ZEI 16	16	5	12/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-
ZEI 6	10	8	12/6	12/6	-	-	-	x	-	-	-	-	x	x	x	-
ZEW 35/2	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	x
ZIA 1.5 ...	5.08	5	8/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-
ZMAK 2.5	5	5	10/5	15/5	-	-	-	-	-	-	-	-	x	-	-	-
ZNT 10/S	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZNT 16/S	12	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZNT 2.5/S	5	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-
ZNT 4/S	6	6	10/6	12/6	-	-	-	-	-	-	-	-	-	-	-	-
ZNT 6/S	8	8	10/6	12/6	-	-	-	-	-	-	-	-	-	-	-	-
ZP 2.5...	5	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-
ZPE 16-2/1 AN	12	8	12/6	12/6	-	-	-	-	-	-	-	-	-	-	-	-
ZPV 1.5	5.08	5	12/5	15/5	-	x	x	x	-	-	-	-	x	-	-	-
ZRV 1.5...	5	5	8/5	10/5	-	x	x	x	-	-	-	-	x	-	-	-
ZSI 2.5...	8	8	12/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-
ZSI 2.5/2...	12	5	12/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-
ZSI 6-2/FC	8	6	12/6	12/6	-	-	-	-	-	-	-	-	-	-	-	-
ZT 2.5 ...	5	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-
ZTD 6	8	8	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
ZTL 6	8	8	12/6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
ZTPE 2.5 ...	5	5	10/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-
ZTR 2.5...	5	5	12/5	15/5	-	-	-	x	-	-	-	-	x	-	-	-
ZTR 2.5-2...	5	5	14/5	10/5	-	-	-	-	-	-	-	-	-	-	-	-
PDL 4...	5	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-
PDU 2.5/4...	5	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-
PDU 6/10...	8	8	10/8	-	-	-	-	-	-	-	-	-	-	-	-	-

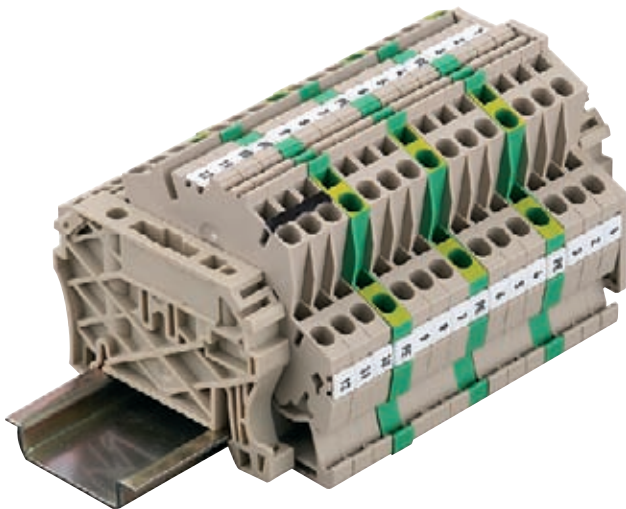
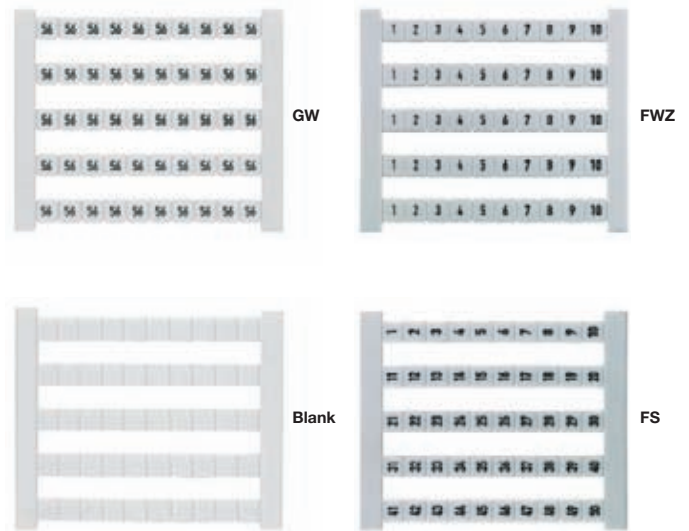
Designation	Terminal width	DEK	WS	ZS	SchT 7	SchT 9/4	SchT 14/6	WTS 3/4	WGB 5/ WAD 5	WGB 8/ WAD 8	WAD 12	WAD 27	ZGB 15/ ZGB 30	BZT 1	BZT 2	EM 8/30
PDU 16	12	-	10/12	-	-	-	-	-	-	-	-	-	-	-	-	-
PKD 2.5/4	5	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-
PPE 2.5/4	5	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-
PPE 6/10	8	8	10/8	-	-	-	-	-	-	-	-	-	-	-	-	-
PPE 16	12	-	10/12	-	-	-	-	-	-	-	-	-	-	-	-	-
PNT 2.5/4	5	5	12/5	-	-	-	-	-	-	-	-	-	-	-	-	-
PNT 6/10	8	8	10/8	-	-	-	-	-	-	-	-	-	-	-	-	-
PNT 16	12	-	10/12	-	-	-	-	-	-	-	-	-	-	-	-	-
PEI 16	12	-	10/12	-	-	-	-	-	-	-	-	-	-	-	-	-
AST 1-4/35	6.2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AST 5/35	6.5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DK 4...	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DKT 4...	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EK 10	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EK 16	12	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EK 2.5...	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EK 35...	16	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EK 4...	6.5	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EK 6/35	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KDKS 1...	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KSKM...	13	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KST...	24-34	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NT...	6-12	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RSF 1-3...	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAK 10...	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAK 16...	12	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAK 2.5	6.1	6	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAK 2.5/35	5	5	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAK 35...	18	5	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAK 4...	6.5	6.5	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAK 6...	8	8	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAK 95/35	28	5	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAKC 10/35	12	6.5	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAKC 4/35	6.5	6.5	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAKG...	32-54	5	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAKR...	6.5	6.5	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAKS....	13-28	5	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAKT...	8	6.5	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAKD 2.5N	5	5	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAKA 10	12	5	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAKB 10	10	5	-	-	X	-	-	-	-	-	-	-	-	-	-	-
ASK 1	8	8	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAKK 4..	8	6.5	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAKK 10..	11.5	5	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAKH 4-10	6.5-14	5	-	-	X	-	-	-	-	-	-	-	-	-	-	-
SAKH 35	18	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KMVF...	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AKZ 1.5-2.5	5.1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AKZ 4	6.1	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AKE 2.5	5.1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AKE 4	7	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ADK 1	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AL 1	6.5	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AKA 4	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-



# DEK card with printing

The Dekafix marker is the universal marker for terminals and plug-in connectors as well as electronic modules from the Weidmüller product range. Dekafix provides you with a wide range of standard printing options. The system is particularly suitable for short sequences of numbers and is also available with customer specific printing.

- In strips for fast installation
- Large selection of ready-to-use printed markers
- Excellent printing quality thanks to the MC Laser
- Available in 4 widths
- Custom printing also possible



## Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C
Printing	black

## Ordering data

Colour	Available in all colours of the international colour code; for MC on request		
	● brown	● red	● orange
	● yellow	● green	● blue
	● violet	● grey	○ white

Qty	500 pcs	
Pitch	DEK 5 = 5 mm : DEK 6 = 6 mm : DEK 6.5 = 6.5 mm : DEK 8 = 8 mm	
Printing variations	FZ = consecutive horizontal	e.g. DEK 5 FW 1-50
	FS = consecutive vertical	e.g. DEK 5 FS 51-100
	FWZ = consecutive horizontal line	e.g. DEK 5 FWZ 1-10
	FSZ = consecutive vertical line	e.g. DEK 5 FSZ 21-30
	GW = identical horizontal	e.g. DEK 5 GW A
	GS = identical vertical	e.g. DEK 5 GS B

No. of characters	horizontal	vertical
Dek 5	max. 3 characters	max. 3 characters
Dek 6	max. 3 characters	max. 3 characters
Dek 6,5	max. 4 characters	max. 3 characters
Dek 8	max. 5 characters	max. 3 characters

Specify colour and characters for special printing

## Versions DEK

Type/Print	Order No.	Type/Print	Order No.	Type/Print	Order No.	Type/Print	Order No.
DEK 5 BL NEUTRAL	0473391693	DEK 5 FW X6-Z6	0133261155	DEK 5 GW 16	0522660016	DEK 5 GW 88	0522660088
DEK 5 BR NEUTRAL	0473391692	DEK 5 FW X7-Z7	0133261156	DEK 5 GW 17	0522660017	DEK 5 GW 89	0522660089
DEK 5 FS 1-50	0473560001	DEK 5 FW X8-Z8	0133261157	DEK 5 GW 18	0522660018	DEK 5 GW 90	0522660090
DEK 5 FS 101-150	0473560101	DEK 5 FW X9-Z9	0133261158	DEK 5 GW 19	0522660019	DEK 5 GW 91	0522660091
DEK 5 FS 151-200	0473560151	DEK 5 FWZ 1-10	0523060001	DEK 5 GW 20	0522660020	DEK 5 GW 92	0522660092
DEK 5 FS 201-250	0473560201	DEK 5 FWZ 1-19	0235860000	DEK 5 GW 21	0522660021	DEK 5 GW 93	0522660093
DEK 5 FS 251-300	0473560251	DEK 5 FWZ 1-9	1572000000	DEK 5 GW 22	0522660022	DEK 5 GW 94	0522660094
DEK 5 FS 301-350	0473560301	DEK 5 FWZ 11-20	0523060011	DEK 5 GW 23	0522660023	DEK 5 GW 95	0522660095
DEK 5 FS 351-400	0473560351	DEK 5 FWZ 2-20	0236160000	DEK 5 GW 24	0522660024	DEK 5 GW 96	0522660096
DEK 5 FS 401-450	0473560401	DEK 5 FWZ 21-30	0523060021	DEK 5 GW 25	0522660025	DEK 5 GW 97	0522660097
DEK 5 FS 451-500	0473560451	DEK 5 FWZ 21-39	0235960000	DEK 5 GW 26	0522660026	DEK 5 GW 98	0522660098
DEK 5 FS 501-550	0473560501	DEK 5 FWZ 22-40	0236260000	DEK 5 GW 27	0522660027	DEK 5 GW 99	0522660099
DEK 5 FS 51-100	0473560051	DEK 5 FWZ 31-40	0523060031	DEK 5 GW 28	0522660028	DEK 5 GW 100	0522660100
DEK 5 FS 551-600	0473560551	DEK 5 FWZ 41-50	0523060041	DEK 5 GW 29	0522660029	DEK 5 GW 101	0522660101
DEK 5 FS 601-650	0473560601	DEK 5 FWZ 41-59	0236060000	DEK 5 GW 30	0522660030	DEK 5 GW 102	0522660102
DEK 5 FS 651-700	0473560651	DEK 5 FWZ 42-60	0236360000	DEK 5 GW 31	0522660031	DEK 5 GW 103	0522660103
DEK 5 FS 701-750	0473560701	DEK 5 FWZ 51-60	0523060051	DEK 5 GW 32	0522660032	DEK 5 GW 104	0522660104
DEK 5 FS 751-800	0473560751	DEK 5 FWZ 61-70	0523060061	DEK 5 GW 33	0522660033	DEK 5 GW 105	0522660105
DEK 5 FS 801-850	0473560801	DEK 5 FWZ 71-80	0523060071	DEK 5 GW 34	0522660034	DEK 5 GW 106	0522660106
DEK 5 FS 851-900	0473560851	DEK 5 FWZ 81-90	0523060081	DEK 5 GW 35	0522660035	DEK 5 GW 107	0522660107
DEK 5 FS 901-950	0473560901	DEK 5 FWZ 91-100	0523060091	DEK 5 GW 36	0522660036	DEK 5 GW 108	0522660108
DEK 5 FS 951-999	0473560951	DEK 5 FWZ L1-EIK	0354361203	DEK 5 GW 37	0522660037	DEK 5 GW 109	0522660109
DEK 5 FSZ 1-10	0460660001	DEK 5 FWZ L1-PE	0354361187	DEK 5 GW 38	0522660038	DEK 5 GW 110	0522660110
DEK 5 FSZ 11-20	0460660011	DEK 5 FWZ U,V,W,N,PE	0558360000	DEK 5 GW 39	0522660039	DEK 5 GW 111	0522660111
DEK 5 FSZ 18,20,...32	0582360018	DEK 5 GE NEUTRAL	0473391687	DEK 5 GW 40	0522660040	DEK 5 GW 112	0522660112
DEK 5 FSZ 2,4,6,...16	0582360002	DEK 5 GN NEUTRAL	0473391688	DEK 5 GW 41	0522660041	DEK 5 GW 113	0522660113
DEK 5 FSZ 21-30	0460660021	DEK 5 GR NEUTRAL	0473391691	DEK 5 GW 42	0522660042	DEK 5 GW 114	0522660114
DEK 5 FSZ 31-40	0460660031	DEK 5 GS A	0132961021	DEK 5 GW 43	0522660043	DEK 5 GW 115	0522660115
DEK 5 FSZ 41-50	0460660041	DEK 5 GS B	0132961022	DEK 5 GW 44	0522660044	DEK 5 GW 116	0522660116
DEK 5 FSZ 51-60	0460660051	DEK 5 GS C	0132961023	DEK 5 GW 45	0522660045	DEK 5 GW 117	0522660117
DEK 5 FSZ 61-70	0460660061	DEK 5 GS D	0132961024	DEK 5 GW 46	0522660046	DEK 5 GW 118	0522660118
DEK 5 FSZ 71-80	0460660071	DEK 5 GS E	0132961025	DEK 5 GW 47	0522660047	DEK 5 GW 119	0522660119
DEK 5 FSZ 81-90	0460660081	DEK 5 GS F	0132961026	DEK 5 GW 48	0522660048	DEK 5 GW 120	0522660120
DEK 5 FSZ 91-100	0460660091	DEK 5 GS G	0132961027	DEK 5 GW 49	0522660049	DEK 5 GW 121	0522660121
DEK 5 FW 1,3,5,...99	1358460000	DEK 5 GS H	0132961028	DEK 5 GW 50	0522660050	DEK 5 GW 122	0522660122
DEK 5 FW 1-50	0473460001	DEK 5 GS I	0132961029	DEK 5 GW 51	0522660051	DEK 5 GW 123	0522660123
DEK 5 FW 101-500	0132660010	DEK 5 GS J	0132961030	DEK 5 GW 52	0522660052	DEK 5 GW 124	0522660124
DEK 5 FW 101-150	0473460101	DEK 5 GS K	0132961031	DEK 5 GW 53	0522660053	DEK 5 GW 125	0522660125
DEK 5 FW 151-200	0473460151	DEK 5 GS L	0132961032	DEK 5 GW 54	0522660054	DEK 5 GW 126	0522660126
DEK 5 FW 2,4,...100	1358560000	DEK 5 GS M	0132961033	DEK 5 GW 55	0522660055	DEK 5 GW 127	0522660127
DEK 5 FW 201-250	0473460201	DEK 5 GS N	0132961034	DEK 5 GW 56	0522660056	DEK 5 GW 128	0522660128
DEK 5 FW 251-300	0473460251	DEK 5 GS O	0522660035	DEK 5 GW 57	0522660057	DEK 5 GW 129	0522660129
DEK 5 FW 301-350	0473460301	DEK 5 GS P	0132961036	DEK 5 GW 58	0522660058	DEK 5 GW 130	0522660130
DEK 5 FW 351-400	0473460351	DEK 5 GS PE	0157261187	DEK 5 GW 59	0522660059	DEK 5 GW 131	0522660131
DEK 5 FW 401-450	0473460401	DEK 5 GS Q	0132961037	DEK 5 GW 60	0522660060	DEK 5 GW 132	0522660132
DEK 5 FW 451-500	0473460451	DEK 5 GS R	0132961038	DEK 5 GW 61	0522660061	DEK 5 GW 133	0522660133
DEK 5 FW 501-550	0473460501	DEK 5 GS S	0132961039	DEK 5 GW 62	0522660062	DEK 5 GW 134	0522660134
DEK 5 FW 51-100	0473460051	DEK 5 GS T	0132961040	DEK 5 GW 63	0522660063	DEK 5 GW 135	0522660135
DEK 5 FW 551-600	0473460551	DEK 5 GS U	0132961041	DEK 5 GW 64	0522660064	DEK 5 GW 136	0522660136
DEK 5 FW 601-650	0473460601	DEK 5 GS V	0132961042	DEK 5 GW 65	0522660065	DEK 5 GW 137	0522660137
DEK 5 FW 651-700	0473460651	DEK 5 GS W	0132961043	DEK 5 GW 66	0522660066	DEK 5 GW 138	0522660138
DEK 5 FW 701-750	0473460701	DEK 5 GS X	0132961044	DEK 5 GW 67	0522660067	DEK 5 GW 139	0522660139
DEK 5 FW 751-800	0473460751	DEK 5 GS Y	0132961045	DEK 5 GW 68	0522660068	DEK 5 GW 140	0522660140
DEK 5 FW 801-850	0473460801	DEK 5 GS Z	0132961046	DEK 5 GW 69	0522660069	DEK 5 GW 141	0522660141
DEK 5 FW 851-900	0473460851	DEK 5 GS $\downarrow$	0157261202	DEK 5 GW 70	0522660070	DEK 5 GW 142	0522660142
DEK 5 FW 901-950	0473460901	DEK 5 GS $\oplus$	0157261203	DEK 5 GW 71	0522660071	DEK 5 GW 143	0522660143
DEK 5 FW 951-999	0473460951	DEK 5 GW	0576260000	DEK 5 GW 72	0522660072	DEK 5 GW 144	0522660144
DEK 5 FW U1-PE1	0133161114	DEK 5 GW 1	0522660001	DEK 5 GW 73	0522660073	DEK 5 GW 145	0522660145
DEK 5 FW U2-PE2	0133161115	DEK 5 GW 2	0522660002	DEK 5 GW 74	0522660074	DEK 5 GW 146	0522660146
DEK 5 FW U3-PE3	0133161116	DEK 5 GW 3	0522660003	DEK 5 GW 75	0522660075	DEK 5 GW 147	0522660147
DEK 5 FW U4-PE4	0133161117	DEK 5 GW 4	0522660004	DEK 5 GW 76	0522660076	DEK 5 GW 148	0522660148
DEK 5 FW U5-PE5	0133161118	DEK 5 GW 5	0522660005	DEK 5 GW 77	0522660077	DEK 5 GW 149	0522660149
DEK 5 FW U6-PE6	0133161119	DEK 5 GW 6	0522660006	DEK 5 GW 78	0522660078	DEK 5 GW 150	0522660150
DEK 5 FW U7-PE7	0133161120	DEK 5 GW 7	0522660007	DEK 5 GW 79	0522660079	DEK 5 GW 151	0522660151
DEK 5 FW U8-PE8	0133161121	DEK 5 GW 8	0522660008	DEK 5 GW 80	0522660080	DEK 5 GW 152	0522660152
DEK 5 FW U9-PE9	0133161122	DEK 5 GW 9	0522660009	DEK 5 GW 81	0522660081	DEK 5 GW 153	0522660153
DEK 5 FW X1-Z1	0133261150	DEK 5 GW 10	0522660010	DEK 5 GW 82	0522660082	DEK 5 GW 154	0522660154
DEK 5 FW X10-Z10	0133261159	DEK 5 GW 11	0522660011	DEK 5 GW 83	0522660083	DEK 5 GW 155	0522660155
DEK 5 FW X2-Z2	0133261151	DEK 5 GW 12	0522660012	DEK 5 GW 84	0522660084	DEK 5 GW 156	0522660156
DEK 5 FW X3-Z3	0133261152	DEK 5 GW 13	0522660013	DEK 5 GW 85	0522660085	DEK 5 GW 157	0522660157
DEK 5 FW X4-Z4	0133261153	DEK 5 GW 14	0522660014	DEK 5 GW 86	0522660086	DEK 5 GW 158	0522660158
DEK 5 FW X5-Z5	0133261154	DEK 5 GW 15	0522660015	DEK 5 GW 87	0522660087	DEK 5 GW 159	0522660159



## Versions DEK

Type/Print	Order No.	Type/Print	Order No.	Type/Print	Order No.	Type/Print	Order No.
DEK 5 GW 160	0522660160	DEK 5 GW N	0522761034	DEK 6 FS 201-250	0468760201	DEK 6 FWZ L1-Ⓢ	0631961203
DEK 5 GW 161	0522660161	DEK 5 GW n	0522861060	DEK 6 FS 251-300	0468760251	DEK 6 FWZ L1-PE	0631961187
DEK 5 GW 162	0522660162	DEK 5 GW O	0522761035	DEK 6 FS 301-350	0468760301	DEK 6 FWZ R,S,T,N,Ⓡ	0631860000
DEK 5 GW 163	0522660163	DEK 5 GW o	0522861061	DEK 6 FS 351-400	0468760351	DEK 6 GE NEUTRAL	0468591687
DEK 5 GW 164	0522660164	DEK 5 GW P	0522761036	DEK 6 FS 401-450	0468760401	DEK 6 GN NEUTRAL	0468591688
DEK 5 GW 165	0522660165	DEK 5 GW p	0522861062	DEK 6 FS 451-500	0468760451	DEK 6 GR NEUTRAL	0468591691
DEK 5 GW 166	0522660166	DEK 5 GW PE	0537261187	DEK 6 FS 501-550	0468760501	DEK 6 GW 0	0526961000
DEK 5 GW 167	0522660167	DEK 5 GW PEN	0537261188	DEK 6 FS 51-100	0468760051	DEK 6 GW 1	0526960001
DEK 5 GW 168	0522660168	DEK 5 GW Q	0522761037	DEK 6 FS 551-600	0468760051	DEK 6 GW 2	0526960002
DEK 5 GW 169	0522660169	DEK 5 GW q	0522861063	DEK 6 FS 601-650	0468760061	DEK 6 GW 3	0526960003
DEK 5 GW 170	0522660170	DEK 5 GW R	0522761038	DEK 6 FS 651-700	0468760061	DEK 6 GW 4	0526960004
DEK 5 GW 171	0522660171	DEK 5 GW r	0522861064	DEK 6 FS 701-750	0468760071	DEK 6 GW 5	0526960005
DEK 5 GW 172	0522660172	DEK 5 GW RT/SW +	0576291737	DEK 6 FS 751-800	0468760071	DEK 6 GW 6	0526960006
DEK 5 GW 173	0522660173	DEK 5 GW S	0522761039	DEK 6 FS 801-850	0468760081	DEK 6 GW 7	0526960007
DEK 5 GW 174	0522660174	DEK 5 GW s	0522861065	DEK 6 FS 851-900	0468760081	DEK 6 GW 8	0526960008
DEK 5 GW 175	0522660175	DEK 5 GW T	0522761040	DEK 6 FS 901-950	0468760091	DEK 6 GW 9	0526960009
DEK 5 GW 176	0522660176	DEK 5 GW t	0522861066	DEK 6 FS 951-999	0468760091	DEK 6 GW 10	0526960010
DEK 5 GW 177	0522660177	DEK 5 GW U	0522761041	DEK 6 FS FSZ 1-10	0133360001	DEK 6 GW 11	0526960011
DEK 5 GW 178	0522660178	DEK 5 GW u	0522861067	DEK 6 FSZ 11-20	0133360011	DEK 6 GW 12	0526960012
DEK 5 GW 179	0522660179	DEK 5 GW V	0522761042	DEK 6 FSZ 21-30	0133360021	DEK 6 GW 13	0526960013
DEK 5 GW 180	0522660180	DEK 5 GW v	0522861068	DEK 6 FSZ 31-40	0133360031	DEK 6 GW 14	0526960014
DEK 5 GW 181	0522660181	DEK 5 GW W	0522761043	DEK 6 FSZ 41-50	0133360041	DEK 6 GW 15	0526960015
DEK 5 GW 182	0522660182	DEK 5 GW w	0522861069	DEK 6 FSZ 51-60	0133360051	DEK 6 GW 16	0526960016
DEK 5 GW 183	0522660183	DEK 5 GW W-STROM	0576261215	DEK 6 FSZ 61-70	0133360061	DEK 6 GW 17	0526960017
DEK 5 GW 184	0522660184	DEK 5 GW X	0522761044	DEK 6 FSZ 71-80	0133360071	DEK 6 GW 18	0526960018
DEK 5 GW 185	0522660185	DEK 5 GW x	0522861070	DEK 6 FSZ 81-90	0133360081	DEK 6 GW 19	0526960019
DEK 5 GW 186	0522660186	DEK 5 GW Y	0522761045	DEK 6 FSZ 91-100	0133360091	DEK 6 GW 20	0526960020
DEK 5 GW 187	0522660187	DEK 5 GW y	0522861071	DEK 6 FW 1,3,5...99	1358660000	DEK 6 GW 21	0526960021
DEK 5 GW 188	0522660188	DEK 5 GW Z	0522761046	DEK 6 FW 1-5 (10X)	0688660000	DEK 6 GW 22	0526960022
DEK 5 GW 189	0522660189	DEK 5 GW z	0522861072	DEK 6 FW 1-50	0468660001	DEK 6 GW 23	0526960023
DEK 5 GW 190	0522660190	DEK 5 GW +	0576261198	DEK 6 FW 101-150	0468660101	DEK 6 GW 24	0526960024
DEK 5 GW 191	0522660191	DEK 5 GW -	0576261199	DEK 6 FW 151-200	0468660151	DEK 6 GW 25	0526960025
DEK 5 GW 192	0522660192	DEK 5 GW Ⓡ	0576261202	DEK 6 FW 201-250	0468660201	DEK 6 GW 26	0526960026
DEK 5 GW 193	0522660193	DEK 5 GW Ⓢ	0576261203	DEK 6 FW 251-300	0468660251	DEK 6 GW 27	0526960027
DEK 5 GW 194	0522660194	DEK 5 NEUTRAL	0473360000	DEK 6 FW 301-350	0468660301	DEK 6 GW 28	0526960028
DEK 5 GW 195	0522660195	DEK 5 OR NEUTRAL	0473391690	DEK 6 FW 351-400	0468660351	DEK 6 GW 29	0526960029
DEK 5 GW 196	0522660196	DEK 5 RT NEUTRAL	0473391686	DEK 6 FW 401-450	0468660401	DEK 6 GW 30	0526960030
DEK 5 GW 197	0522660197	DEK 5 SW NEUTRAL	0473391694	DEK 6 FW 451-500	0468660451	DEK 6 GW 31	0526960031
DEK 5 GW 198	0522660198	DEK 5 VI NEUTRAL	0473391689	DEK 6 FW 501-550	0468660501	DEK 6 GW 32	0526960032
DEK 5 GW 199	0522660199			DEK 6 FW 551-600	0468660051	DEK 6 GW 33	0526960033
DEK 5 GW 200	0522660200	DEK 5/3,5 MC FS 1-10	1762320001	DEK 6 FW 601-650	0468660051	DEK 6 GW 34	0526960034
DEK 5 GW A	0522761021	DEK 5/3,5 MC FS 101-110	1762320101	DEK 6 FW 651-700	0468660051	DEK 6 GW 35	0526960035
DEK 5 GW a	0522861047	DEK 5/3,5 MC FS 11-20	1762320011	DEK 6 FW 701-750	0468660051	DEK 6 GW 36	0526960036
DEK 5 GW B	0522761022	DEK 5/3,5 MC FS 111-120	1762320111	DEK 6 FW 751-800	0468660701	DEK 6 GW 37	0526960037
DEK 5 GW b	0522861048	DEK 5/3,5 MC FS 121-130	1762320121	DEK 6 FW 801-850	0468660801	DEK 6 GW 38	0526960038
DEK 5 GW BL/SW -	0576291741	DEK 5/3,5 MC FS 131-140	1762320131	DEK 6 FW 851-900	0468660851	DEK 6 GW 39	0526960039
DEK 5 GW C	0522761023	DEK 5/3,5 MC FS 141-150	1762320141	DEK 6 FW 901-950	0468660901	DEK 6 GW 40	0526960040
DEK 5 GW c	0522861049	DEK 5/3,5 MC FS 21-30	1762320021	DEK 6 FW 951-999	0468660951	DEK 6 GW 41	0526960041
DEK 5 GW d	0522761024	DEK 5/3,5 MC FS 31-40	1762320031	DEK 6 FW L,N,PE	0632560000	DEK 6 GW 42	0526960042
DEK 5 GW d	0522861050	DEK 5/3,5 MC FS 41-50	1762320041	DEK 6 FWZ 1-10	0518960001	DEK 6 GW 43	0526960043
DEK 5 GW E	0522761025	DEK 5/3,5 MC FS 51-60	1762320051	DEK 6 FWZ 101-110	0518960101	DEK 6 GW 44	0526960044
DEK 5 GW e	0522861051	DEK 5/3,5 MC FS 61-70	1762320061	DEK 6 FWZ 111-120	0518960111	DEK 6 GW 45	0526960045
DEK 5 GW F	0522761026	DEK 5/3,5 MC FS 71-80	1762320071	DEK 6 FWZ 121-130	0518960121	DEK 6 GW 46	0526960046
DEK 5 GW f	0522861052	DEK 5/3,5 MC FS 81-90	1762320081	DEK 6 FWZ 131-140	0518960131	DEK 6 GW 47	0526960047
DEK 5 GW G	0522761027	DEK 5/3,5 MC FS 91-100	1762320091	DEK 6 FWZ 141-150	0518960141	DEK 6 GW 48	0526960048
DEK 5 GW g	0522861053	DEK 5/3,5 MC GW 0	1755281000	DEK 6 FWZ 151-160	0518960151	DEK 6 GW 49	0526960049
DEK 5 GW H	0522761028	DEK 5/3,5 MC GW 1	1755280001	DEK 6 FWZ 161-170	0518960161	DEK 6 GW 50	0526960050
DEK 5 GW h	0522861054	DEK 5/3,5 MC GW 2	1755280002	DEK 6 FWZ 171-180	0518960171	DEK 6 GW 51	0526960051
DEK 5 GW I	0522761029	DEK 5/3,5 MC GW 3	1755280003	DEK 6 FWZ 181-190	0518960181	DEK 6 GW 52	0526960052
DEK 5 GW i	0522861055	DEK 5/3,5 MC GW 4	1755280004	DEK 6 FWZ 191-200	0518960191	DEK 6 GW 53	0526960053
DEK 5 GW J	0522761030	DEK 5/3,5 MC GW 5	1755280005	DEK 6 FWZ 201-210	0518960201	DEK 6 GW 54	0526960054
DEK 5 GW j	0522861056	DEK 5/3,5 MC GW 6	1755280006	DEK 6 FWZ 21-30	0518960021	DEK 6 GW 55	0526960055
DEK 5 GW K	0522761031	DEK 5/3,5 MC GW 7	1755280007	DEK 6 FWZ 31-40	0518960031	DEK 6 GW 56	0526960056
DEK 5 GW k	0522861057	DEK 5/3,5 MC GW 8	1755280008	DEK 6 FWZ 41-50	0518960041	DEK 6 GW 57	0526960057
DEK 5 GW L	0522761032	DEK 5/3,5 MC GW 9	1755280009	DEK 6 FWZ 51-60	0518960051	DEK 6 GW 58	0526960058
DEK 5 GW I	0522861058			DEK 6 FWZ 61-70	0518960061	DEK 6 GW 59	0526960059
DEK 5 GW L1	0522361075	DEK 6 NEUTRAL	0468560000	DEK 6 FWZ 71-80	0518960071	DEK 6 GW 60	0526960060
DEK 5 GW L2	0522361076	DEK 6 BL NEUTRAL	0468591693	DEK 6 FWZ 81-90	0518960081	DEK 6 GW 61	0526960061
DEK 5 GW L3	0522361077	DEK 6 BR NEUTRAL	0468591692	DEK 6 FWZ 91-100	0518960091	DEK 6 GW 62	0526960062
DEK 5 GW M	0522761033	DEK 6 FS 1-50	0468760001			DEK 6 GW 63	0526960063
DEK 5 GW m	0522861059	DEK 6 FS 101-150	0468760101			DEK 6 GW 64	0526960064
DEK 5 GW MP	0537261235	DEK 6 FS 151-200	0468760151			DEK 6 GW 65	0526960065

## Versions DEK

Type/Print	Order No.
DEK 6 GW 66	0526960066
DEK 6 GW 67	0526960067
DEK 6 GW 68	0526960068
DEK 6 GW 69	0526960069
DEK 6 GW 70	0526960070
DEK 6 GW 71	0526960071
DEK 6 GW 72	0526960072
DEK 6 GW 73	0526960073
DEK 6 GW 74	0526960074
DEK 6 GW 75	0526960075
DEK 6 GW 76	0526960076
DEK 6 GW 77	0526960077
DEK 6 GW 78	0526960078
DEK 6 GW 79	0526960079
DEK 6 GW 80	0526960080
DEK 6 GW 81	0526960081
DEK 6 GW 82	0526960082
DEK 6 GW 83	0526960083
DEK 6 GW 84	0526960084
DEK 6 GW 85	0526960085
DEK 6 GW 86	0526960086
DEK 6 GW 87	0526960087
DEK 6 GW 88	0526960088
DEK 6 GW 89	0526960089
DEK 6 GW 90	0526960090
DEK 6 GW 91	0526960091
DEK 6 GW 92	0526960092
DEK 6 GW 93	0526960093
DEK 6 GW 94	0526960094
DEK 6 GW 95	0526960095
DEK 6 GW 96	0526960096
DEK 6 GW 97	0526960097
DEK 6 GW 98	0526960098
DEK 6 GW 99	0526960099
DEK 6 GW 100	0526960100
DEK 6 GW 200	0526960200
DEK 6 GW BL/SW -	1318091741
DEK 6 GW PE	1318061187
DEK 6 GW RT/SW +	1318091737
DEK 6 GW +	1318061198
DEK 6 GW -	1318061199
DEK 6 GW ↓	1318061202
DEK 6 GW ⊕	1318061203
DEK 6 NEUTRAL	0468560000
DEK 6 OR NEUTRAL	0468591690
DEK 6 RT NEUTRAL	0468591686
DEK 6 SW NEUTRAL	0468591694
DEK 6 VI NEUTRAL	0468591689
DEK 6,5 BL NEUTRAL	0468091693
DEK 6,5 FS 1-50	0468260001
DEK 6,5 FS 101-150	0468260101
DEK 6,5 FS 151-200	0468260151
DEK 6,5 FS 201-250	0468260201
DEK 6,5 FS 251-300	0468260251
DEK 6,5 FS 301-350	0468260301
DEK 6,5 FS 351-400	0468260351
DEK 6,5 FS 401-450	0468260401
DEK 6,5 FS 451-500	0468260451
DEK 6,5 FS 501-550	0468260501
DEK 6,5 FS 51-100	0468260051
DEK 6,5 FS 551-600	0468260551
DEK 6,5 FS 601-650	0468260601
DEK 6,5 FS 651-700	0468260651
DEK 6,5 FS 701-750	0468260701
DEK 6,5 FS 751-800	0468260751
DEK 6,5 FS 801-850	0468260801
DEK 6,5 FS 851-900	0468260851
DEK 6,5 FS 901-950	0468260901
DEK 6,5 FS 951-999	0468260951
DEK 6,5 FSZ 1-10	0407360001
DEK 6,5 FSZ 11-20	0407360011

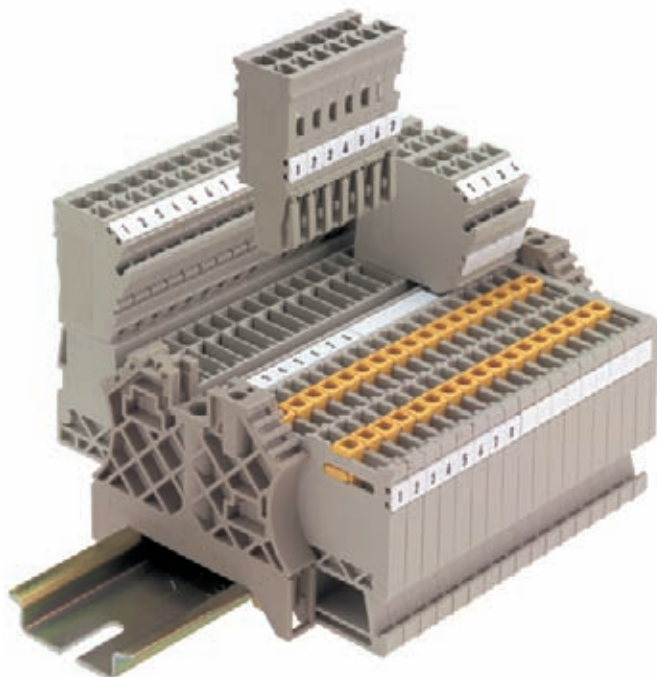
Type/Print	Order No.
DEK 6,5 FSZ 21-30	0407360021
DEK 6,5 FSZ 31-40	0407360031
DEK 6,5 FSZ 41-50	0407360041
DEK 6,5 FSZ 51-60	0407360051
DEK 6,5 FSZ 61-70	0407360061
DEK 6,5 FSZ 71-80	0407360071
DEK 6,5 FSZ 81-90	0407360081
DEK 6,5 FSZ 91-100	0407360091
DEK 6,5 FW 1-50	0468160001
DEK 6,5 FW 101-150	0468160101
DEK 6,5 FW 151-200	0468160151
DEK 6,5 FW 201-250	0468160201
DEK 6,5 FW 251-300	0468160251
DEK 6,5 FW 301-350	0468160301
DEK 6,5 FW 351-400	0468160351
DEK 6,5 FW 401-450	0468160401
DEK 6,5 FW 451-500	0468160451
DEK 6,5 FW 501-550	0468160501
DEK 6,5 FW 51-100	0468160051
DEK 6,5 FW 551-600	0468160551
DEK 6,5 FW 601-650	0468160601
DEK 6,5 FW 651-700	0468160651
DEK 6,5 FW 701-750	0468160701
DEK 6,5 FW 751-800	0468160751
DEK 6,5 FW 801-850	0468160801
DEK 6,5 FW 851-900	0468160851
DEK 6,5 FW 901-950	0468160901
DEK 6,5 FW 951-999	0468160951
DEK 6,5 FW L1- ⊕	0632161203
DEK 6,5 FW L1-PE	0632161187
DEK 6,5 FWZ 1-10	0519060001
DEK 6,5 FWZ 11-20	0519060011
DEK 6,5 FWZ 21-30	0519060021
DEK 6,5 FWZ 31-40	0519060031
DEK 6,5 FWZ 41-50	0519060041
DEK 6,5 FWZ 51-60	0519060051
DEK 6,5 FWZ 61-70	0519060061
DEK 6,5 FWZ 71-80	0519060071
DEK 6,5 FWZ 81-90	0519060081
DEK 6,5 FWZ 91-100	0519060091
DEK 6,5 FWZ R,S,T,N,ERD	0632060000
DEK 6,5 GE NEUTRAL	0468091687
DEK 6,5 GN NEUTRAL	0468091688
DEK 6,5 NEUTRAL	0468060000
DEK 6,5 OR NEUTRAL	0468091690
DEK 6,5 RT NEUTRAL	0468091686
DEK 6,5 SW NEUTRAL	0468091694
DEK 6,5 VI NEUTRAL	0468091689
DEK 8 BEDR./FARBIG	1289690000
DEK 8 FS 1-50 TAMPOPR.	1653350001
DEK 8 FS 1-50 TAMPOPR.	1653350001
DEK 8 FS 51-100 TAMPOPR.	1653350051
DEK 8 FS 51-100 TAMPOPR.	1653350051
DEK 8 FSZ 1-10	1289660001
DEK 8 FSZ 11-20	1289660011
DEK 8 FSZ 21-30	1289660021
DEK 8 FSZ 31-40	1289660031
DEK 8 FSZ 41-50	1289660041
DEK 8 FSZ 51-60	1289660051
DEK 8 FSZ 61-70	1289660061
DEK 8 FSZ 71-80	1289660071
DEK 8 FSZ 81-90	1289660081
DEK 8 FSZ 91-100	1289660091
DEK 8 FW 1-50 TAMPOPR.	1653340001
DEK 8 FW 1-50 TAMPOPR.	1653340001
DEK 8 FW 51-100 TAMPOPR.	1653340051
DEK 8 FW 51-100 TAMPOPR.	1653340051
DEK 8 FWZ 1-10	1276960001
DEK 8 FWZ 101-110	1276960101
DEK 8 FWZ 11-20	1276960011
DEK 8 FWZ 111-120	1276960111

Type/Print	Order No.
DEK 8 FWZ 121-130	1276960121
DEK 8 FWZ 131-140	1276960131
DEK 8 FWZ 141-150	1276960141
DEK 8 FWZ 21-30	1276960021
DEK 8 FWZ 31-40	1276960031
DEK 8 FWZ 41-50	1276960041
DEK 8 FWZ 51-60	1276960051
DEK 8 FWZ 61-70	1276960061
DEK 8 FWZ 71-80	1276960071
DEK 8 FWZ 81-90	1276960081
DEK 8 FWZ 91-100	1276960091
DEK 8 GE NEUTRAL	1277091687
DEK 8 GN NEUTRAL	1277091688
DEK 8 NEUTRAL	1277060000
DEK 8 OR NEUTRAL	1277091690
DEK 8 RT NEUTRAL	1277091686
DEK 8 SONDERDR. FARBIG	1326690000
DEK 8 SONDERDR. WEIß	1326660000
DEK 8 VI NEUTRAL	1277091689
WS 8/5 Karte	1773360000
WS 10/5 Karte	1773370000
WS 12/5 Karte	1773380000
WS 12/5 FSZ 1 - 10	1773430001
WS 12/5 FSZ 11 - 20	1773430011
WS 12/5 FSZ 21 - 30	1773430021
WS 12/5 FSZ 31 - 40	1773430031
WS 12/5 FSZ 41 - 50	1773430041
WS 12/5 FWZ 1 - 10	1773330001
WS 12/5 FWZ 11 - 20	1773330011
WS 12/5 FWZ 21 - 30	1773330021
WS 12/5 FWZ 31 - 40	1773330031
WS 12/5 FWZ 41 - 50	1773330041

# DEK MultiCard

The Dekafix marker in MultiCard format is the universal marker for all kinds of connectors and also electronic modules from the Weidmüller product range. The blank DEK marker is ideal for flexible, fast printing in situ with our innovative labelling systems SMark-Laser, PrintJet, MCP Plus Plotter or MC-Mobilo. The system is particularly suitable for short sequences of numbers and is also available with special printing.

- In strips for fast installation
- Flexible, fast printing on site during installation
- Excellent printing quality thanks to the Weidmüller MultiCard printers
- Available in 6 widths
- Custom printing with the MC Laser also possible



## Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C
Printing	black

## Ordering data

Colour	Available in all colours of the international colour code; for MC on request		
	● brown	● red	● orange
	● yellow	● green	● blue
	● violet	● grey	○ white
Special printing	Specify special printing and colours per diskette, Excel file or using the M-Print® PRO software.		
Minimum order quantity	1 pack		
Notes on mounting	Mount in strips when the marker pitch (width) corresponds to the pitch of the terminals. For example, DEK 5 mm pitch for terminals with 5 mm pitch such as the WDU 2.5. Mount individual markers when the terminal pitch is larger than the marker pitch (width). For example, DEK 6.5 mount individually on WDU 6 terminals.		

Dekafix - the universal marker for SAK series, W-series, Z-series, P-series and I-series plus WEICOS connectors and electronics devices.



### Clamping width: 3.5 mm

#### DEK - blank

### Ordering data

Type	Colour of material	Length	Qty.	Order No.
DEK 5/3,5 MC	white	5 mm	500	1755270000

#### DEK - Custom printing


Type	Colour of material	Length	Qty.	Order No.
DEK 5/3,5 MC	white	5 mm	100	1767730000

### Clamping width: 5.0 mm

#### DEK - blank


Type	Colour of material	Length	Qty.	Order No.
DEK 5/5 Plus MC	white	5 mm	1000	1854490000
DEK 5/5 Plus MC GE	yellow	5 mm	1000	1907520000
DEK 5/5 MC	white	5 mm	1000	1609801044
DEK 5/5 MC GE	yellow	5 mm	1000	1609801687
DEK 5/5 MC BL	blue	5 mm	1000	1609801693
DEK 5/5 MC GR	grey	5 mm	1000	1609801691
DEK 5/5 MC GN	green	5 mm	1000	1609801688
DEK 5/5 MC RT	red	5 mm	1000	1609801686
DEK 5/30 MC	white	30 mm	100	1951920000

#### DEK - Custom printing

Type	Colour of material	Length	Qty.	Order No.
DEK 5/5 MC	white	5 mm	200	1609810000
DEK 5/5 Plus MC	white	5 mm	200	1854500000
DEK 5/30 MC	 white	30 mm	20	1025680000

### Clamping width: 6.0 mm

#### DEK - blank

Type	Colour of material	Length	Qty.	Order No.
DEK 5/6 MC	white	5 mm	1000	1609820000
DEK 5/6 Plus MC	 white	5 mm	100	1011320000

#### DEK - Custom printing

Type	Colour of material	Length	Qty.	Order No.
DEK 5/6 MC	white	5 mm	200	1609830000

### Clamping width: 6.5 mm

#### DEK - blank

Type	Colour of material	Length	Qty.	Order No.
DEK 5/6,5 MC	white	5 mm	900	1609840000

#### DEK - Custom printing

Type	Colour of material	Length	Qty.	Order No.
DEK 5/6,5 MC	white	5 mm	180	1609850000

### Clamping width: 7.5 mm

#### DEK - blank

Type	Colour of material	Length	Qty.	Order No.
DEK 5/7,5 MC	white	5 mm	320	1720620000

#### DEK - Custom printing

Type	Colour of material	Length	Qty.	Order No.
DEK 5/7,5 MC	white	5 mm	320	1770490000

### Clamping width: 8.0 mm

#### DEK - blank

Type	Colour of material	Length	Qty.	Order No.
DEK 5/8 MC	white	5 mm	800	1856740000

#### DEK - Custom printing

Type	Colour of material	Length	Qty.	Order No.
DEK 5/8 MC	white	5 mm	160	1856750000

# WS

WS markers are designed specifically for W series terminals. But thanks to their system compatibility, WS markers can also be used with the I series, Z series and P series. The generous size of these markers permit long characters strings and multiple-line printing.

WS markers are ideal for labelling where long, individual character strings are required. And the proven MultiCard format makes labelling possible with the SMark-Laser, PrintJet, MCP Plus Plotter or MC-Mobilo as well.

- Mount in strips or individually
- Markers in the proven MultiCard format
- Excellent printing quality thanks to the Weidmüller MultiCard printers



## Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C
Printing	black

## Ordering data

Colour	Available in all colours of the international colour code; for MC on request									
	<table border="0"> <tr> <td>● brown</td> <td>● red</td> <td>● orange</td> </tr> <tr> <td>● yellow</td> <td>● green</td> <td>● blue</td> </tr> <tr> <td>● violet</td> <td>● grey</td> <td>○ white</td> </tr> </table>	● brown	● red	● orange	● yellow	● green	● blue	● violet	● grey	○ white
● brown	● red	● orange								
● yellow	● green	● blue								
● violet	● grey	○ white								
Special printing	Specify special printing and colours per diskette, Excel file or using the M-Print® PRO software.									
Minimum order quantity	1 pack									
Notes on mounting	<p>Mount in strips when the marker pitch (width) corresponds to the pitch of the terminals. For example, WS 10/6 = 6 mm pitch for terminals with 6 mm pitch such as the WDU 4.</p> <p>Mount individual markers when the terminal pitch is larger than the marker pitch (width). For example, WS 12/6.5 mount individually on WDU 6 terminals. Weidmüller markers with 5 mm pitch (width) are suitable for all widths of terminals.</p>									

# ZS

## ZS

ZS markers – in the proven MultiCard format – were specially developed for Z series terminals. They provide users with a large labelling area. Their unique hinged form means that cross-connectors, for example, are still readily accessible without having to remove the marker. Markers can be clipped on in strips to guarantee fast installation, but individual markers are easily separated.

- Hinged labelling area
- Mount in strips or individually
- Markers in the proven MultiCard format
- Flexible, fast printing on site during installation



### Technical data

Material	Polyamide 66, halogen-free
UL 94 flammability rating	V2
Temperature range	-40 °C to 100 °C
Printing	black

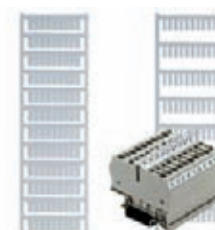
### Ordering data

Colour	white
Notes on mounting	height x width (pitch), e.g. ZS 10/5 10 mm high, 5 mm wide = 5 mm pitch
Special printing	Specify special printing and colours per diskette, Excel file or using the M-Print® PRO software.
Suitable printing systems	SMark-Laser, PrintJet, MCP Plus Plotter, MC-Mobilo
Minimum order quantity	1 pack



## Terminal markers – WS / ZS

WS markers are perfect for the connectors of the W-series, I-series, P-series and Z-series. The WS 10/5 and 10/6 Middle, are fitted with a centre foot and can be used for the I-series. The ZS markers are specially designed for the Z-series.



### Clamping width: 3.5 mm

#### WS - blank

### Ordering data

Type	Colour of material	Length	Qty.	Order No.
WS 12/3,5 MC	white	12 mm	600	1778270000

#### WS - Custom printing

Type	Colour of material	Length	Qty.	Order No.
WS 12/3,5 MC	white	12 mm	120	1778280000

### Clamping width: 5.0 mm

#### WS - blank

Type	Colour of material	Length	Qty.	Order No.
WS 8/5 MC	white	8 mm	720	1640740000
WS 8/5 MC GE	yellow	8 mm	720	1773521687
WS 8/5 MC RT	red	8 mm	720	1773521686
WS 8/5 MC BL	blue	8 mm	720	1773521693
WS 8/5 MC OR	orange	8 mm	720	1773521690
WS 8/5 PLUS MC	white	8 mm	600	1951870000
WS 10/5 MC	white	10 mm	720	1635000000
WS 10/5 MC Middle	white	10 mm	720	1792000000
WS 10/5 MC GE	yellow	10 mm	720	1773531687
WS 10/5 MC RT	red	10 mm	720	1773531686
WS 10/5 MC BL	blue	10 mm	720	1773531693
WS 12/5 MC	white	12 mm	720	1609860000
WS 12/5 MC GE	yellow	12 mm	720	1773541687
WS 12/5 MC RT	red	12 mm	720	1773541686
WS 12/5 MC BL	blue	12 mm	720	1773541693
WS 12/5 MC OR	orange	12 mm	720	1773541690
WS 12/5 MC PLUS	white	12 mm	600	1927510000
WS 14/5 MC	white	14 mm	480	1768090000
WS 15/5 MC	white	15 mm	480	1609880000
WS 15/5 MC GE	yellow	15 mm	480	1773571687

#### WS - Custom printing

Type	Colour of material	Length	Qty.	Order No.
WS 8/5 MC	white	8 mm	144	1640750000
WS 10/5 MC	white	10 mm	144	1635010000
WS 10/5 MC Middle	white	10 mm	144	1792010000
WS 12/5 MC	white	12 mm	144	1609870000
WS 12/5 MC PLUS	white	12 mm	60	1927520000
WS 15/5 MC	white	15 mm	96	1609890000

### Clamping width: 6.0 mm

#### WS - blank

Type	Colour of material	Length	Qty.	Order No.
WS 8/6 PLUS MC	white	8 mm	600	1951880000
WS 10/6 MC	white	10 mm	600	1828450000
WS 10/6 MC Middle	white	10 mm	600	1818400000
WS 10/6 MC Middle GN	green	10 mm	600	1917420000
WS 10/6 MC Middle GE	yellow	10 mm	600	1917430000
WS 10/6 MC Middle RT	red	10 mm	600	1917440000
WS 10/6 MC Middle OR	orange	10 mm	600	1917410000
WS 12/6 MC	white	12 mm	600	1609900000
WS 12/6 MC GE	yellow	12 mm	600	1773551687
WS 12/6 MC RT	red	12 mm	600	1773551686
WS 12/6 MC BL	blue	12 mm	600	1773551693
WS 12/6 MC OR	orange	12 mm	600	1773551690
WS 12/6 MC BR	brown	12 mm	600	1773551692
WS 12/6 MC VI	violet	12 mm	600	1773551689
WS 12/6 MC PLUS	white	12 mm	600	1927530000

WS markers are perfect for the connectors of the W-series, I-series, P-series and Z-series. WS 10/5 and 10/6 Middle are fitted with a centre foot and can be used for the I-series. The ZS markers are specially designed for the Z-series.



### WS - Custom printing

#### Ordering data

Type	Colour of material	Length	Qty.	Order No.
WS 10/6 MC	white	10 mm	120	1828460000
WS 10/6 MC Middle	white	10 mm	120	1818410000
WS 12/6 MC	white	12 mm	120	1609910000
WS 12/6 MC PLUS	white	12 mm	120	1927540000

### Clamping width: 6.5 mm

#### WS - blank

Type	Colour of material	Length	Qty.	Order No.
WS 12/6,5 MC	white	12 mm	540	1609920000
WS 12/6,5 MC GE	yellow	12 mm	540	1773561687
WS 12/6,5 MC RT	red	12 mm	540	1773561686
WS 12/6,5 MC BL	blue	12 mm	540	1773561693
WS 12/6,5 MC GN	green	12 mm	540	1773561688

### WS - Custom printing

Type	Colour of material	Length	Qty.	Order No.
WS 12/6,5 MC	white	12 mm	108	1609930000

### Clamping width: 8.0 mm

#### WS - blank

Type	Colour of material	Length	Qty.	Order No.
WS 10/8 MC	white	10 mm	420	1905950000
WS 12/8 MC	white	12 mm	420	1906000000

### WS - Custom printing

Type	Colour of material	Length	Qty.	Order No.
WS 10/8 MC	white	10 mm	84	1906030000
WS 12/8 MC	white	12 mm	84	1906010000

### Clamping width: 12.0 / 15.0 mm

#### WS - blank

Type	Colour of material	Length	Qty.	Order No.
WS 10/12 MC	white	10 mm	300	1905970000
WS 10/15 MC	white	10 mm	240	1854090000

### WS - Custom printing

Type	Colour of material	Length	Qty.	Order No.
WS 10/12 MC	white	10 mm	60	1906060000
WS 10/15 MC	white	10 mm	48	1854100000

### Clamping width: 5.0 mm

#### ZS - blank

Type	Colour of material	Length	Qty.	Order No.
ZS 10/5 MC	white	10 mm	480	1610000000
ZS 15/5 MC	white	15 mm	480	1646630000

### ZS - Custom printing

Type	Colour of material	Length	Qty.	Order No.
ZS 10/5 MC	white	10 mm	96	1610010000
ZS 15/5 MC	white	15 mm	96	1646640000

### Clamping width: 6.0 mm

#### ZS - blank

Type	Colour of material	Length	Qty.	Order No.
ZS 12/6 MC	white	12 mm	400	1610020000

### ZS - Custom printing

Type	Colour of material	Length	Qty.	Order No.
ZS 12/6 MC	white	12 mm	80	1610030000



## Terminal markers – Tag carrier



### Snap Mark

#### Technical specification

Material	Polyamide 66
UL 94 flammability rating	V2
Min. temperature, continuous	-40 °C
Max. temperature, continuous	100 °C
Colour of material	white

### Accessories

This tag holder is specially conceived for the IDK 1.5N two-tier terminal of the I-series. The flexible hinge mechanism allows cross-connections to be connected or disconnected at little effort. It can be fitted with four DEK 5 tags or two WS 10/5 Middle connector markers.

### Ordering data

Type	Length	Width	Qty.	Order No.
Snap Mark I	23 mm	5 mm	50	1805880000

Type	Length	Width	Qty.	Order No.
WS 10/5 MC Middle	10 mm	5 mm	720	1792000000
DEK 5/5 MC	5 mm	5 mm	1000	1609801044



### BZT1 / BZT2

#### Technical specification

Material	Polyamide
UL 94 flammability rating	V2
Min. temperature, continuous	-40 °C
Max. temperature, continuous	100 °C
Colour of material	beige

### Accessories

The BZT marker carrier enables clear labelling of the ZDU 2.5/4/6 and ZDUA terminal range. The BZT is equipped with the WS 10/5 connector marker. The ZA version ensures maximum stability due to block construction of the marker carrier.

### Ordering data

Type	Length	Width	Qty.	Order No.
BZT 1	8 mm	5 mm	100	1805490000
BZT 1 ZA	8 mm	5 mm	100	1805520000
BZT 2	12 mm	5 mm	100	1805480000
BZT 2 ZA	12 mm	5 mm	100	1805530000

Type	Length	Width	Qty.	Order No.
WS 10/5 MC	10 mm	5 mm	720	1635000000



## SCHT 5 / SCHT 5 S

### Technical specification

Material	Polyamide 66
UL 94 flammability rating	V2
Min. temperature, continuous	-40 °C
Max. temperature, continuous	100 °C
Colour	beige

### Accessories

The SCHT 5 & SCHT 5 S group marker carrier is clipped directly to the TS 32 DIN rail (G-rail) or the TS 35 DIN rail (top-hat rail). It is therefore possible to provide terminal strip labelling irrespective of the terminal and the type of terminal.

### Ordering data

Type	Length	Width	Qty.	Order No.
SCHT 5	44,5 mm	19.5 mm	20	0292460000
SCHT 5 S	44,5 mm	9.5 mm	20	1631930000

Type	Length	Width	No. per sheet	Qty.	Order No.
ESO 5 white	40 mm	16.5 mm	60	10	1607710000
ESO 5 yellow	40 mm	16.5 mm	60	10	1631350000
ESO 5P white	40 mm	16.5 mm	60	10	1670370000
ESO 5P yellow	40 mm	16.5 mm	60	10	1670380000
ESO 5 S white	40 mm	7 mm	140	10	1631920000
STR 5 F.SCHT 5	40 mm	16.5 mm		20	0294000000
STR 5 S. F.SCHT 5 S	40 mm	7 mm		20	1631940000



## SCHT 7

### Technical specification

Material	Polyamide 66
UL 94 flammability rating	V2
Min. temperature, continuous	-40 °C
Max. temperature, continuous	100 °C
Colour	white

### Accessories

The SCHT 7 is a hinged group marker carrier for inlay tags which still allows easy access to the clamping screw. To equip with ESO 7, 4 tags of DEK 5/5 or 2 tags of WS 10/5 Middle.

### Ordering data

Type	Length	Width	Qty.	Order No.
SCHT 7	39.3 mm	8 mm	20	0517960000

Type	Length	Width	No. per sheet	Qty.	Order No.
DEK 5/5 MC	5 mm	5 mm		1000	1609801044
ESO 7 white	27 mm	6.3 mm	240	10	1607720000
ESO 7 yellow	27 mm	6.3 mm	240	10	1634780000
ESO 7P white	27 mm	6.3 mm	240	10	1670390000
ESO 7P yellow	27 mm	6.3 mm	240	10	1670400000
STR 7 SCHT 7	27 mm	6.3 mm		20	0515300000
WS 10/5 MC Middle	10 mm	5 mm		720	1792000000

## Terminal markers – Tag carrier



SCHT 9/4 and SCHT 14/6 are hinged group marker carriers for single dekafix and WS tags, allowing easy access to the clamping screws.

### SCHT 9/4 / SCHT 14/6

#### Technical specification

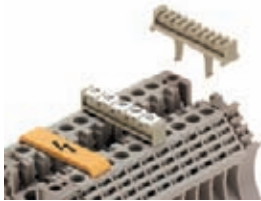
Material	Polyamide 66
UL 94 flammability rating	V2
Min. temperature, continuous	-40 °C
Max. temperature, continuous	100 °C
Colour	beige

#### Accessories

#### Ordering data

Type	Length	Width	Qty.	Order No.
SCHT 14/6	44.3 mm	6 mm	20	1269060000
SCHT 9/4	32 mm	4 mm	20	1278460000

Type	Length	Width	Qty.	Order No.
DEK 5/5 MC	5 mm	5 mm	1000	1609801044
WS 12/5 MC	12 mm	5 mm	720	1609860000



WGB group marker carrier for single dekafix and WS tags. The WGB also covers the cross-connection channels.

Blank WAD covers for labelling with STI pen, or a special printing for the W-series. Cross-connection channels are covered. Also available with lightning flash warning symbol to DIN 30600.

### WGB 5 / WGB 8 / WAD

#### Technical specification

Material	Polyamide 66
UL 94 flammability rating	V2
Min. temperature, continuous	-40 °C
Max. temperature, continuous	100 °C

#### Ordering data

Type	Length	Width	Colour	Qty.	Order No.
WGB 5	33.5 mm	5 mm	beige	50	1050760000
WGB 8	33.5 mm	7.7 mm	beige	50	1050960000
WAD 5	33.5 mm	5 mm	white	50	1056060000
WAD 5 lightning flash	33.5 mm	5 mm	yellow	50	1053460000
WAD 8	33.5 mm	8 mm	white	50	1056160000
WAD 8 lightning flash	33.5 mm	8 mm	yellow	50	1053560000
WAD 12	36.2 mm	12 mm	white	50	1056260000
WAD 12 lightning flash	36.2 mm	12 mm	yellow	50	1055960000
WAD 27	64 mm	27 mm	white	10	1062960000
WAD 27 lightning flash	64 mm	27 mm	yellow	10	1062860000

### WAD – Custom printing

Type	Length	Width	Colour	Qty.	Order No.
WAD 5	33.5 mm	5 mm	white	100	1790060000
WAD 8	33.5 mm	8 mm	white	50	1667700000

### Accessories – WGB 5 / WGB 8

Type	Length	Width	Qty.	Order No.
DEK 5/5 MC	5 mm	5 mm	1000	1609801044
DEK 5/30 MC	5 mm	30 mm	100	1951920000
WS 12/5 MC	12 mm	5 mm	720	1609860000



## ZGB 15 / ZGB 30

### Technical specification

Material	Polyamide 66
UL 94 flammability rating	V2
Min. temperature, continuous	-40 °C
Max. temperature, continuous	100 °C
Colour	white

### Accessories

The ZGB 15 / ZGB 30 is a hinged marker carrier. The tag holder can be fitted with the dekafix 5, WS 12/5 connector markers or with the push-in tag ESO 15 / ESO 7.

### Ordering data

Type	Length	Width	Qty.	Order No.
ZGB 15	15 mm	7 mm	20	1636530000
ZGB 30	32 mm	7 mm	20	1611930000

Type	Length	Width	No. per sheet	Qty.	Order No.
DEK 5/5 MC	5 mm	5 mm		1000	1609801044
ESO 7 white	27 mm	6.3 mm	240	10	1607720000
ESO 7 yellow	27 mm	6.3 mm	240	10	1634780000
ESO 7P white	27 mm	6.3 mm	240	10	1670390000
ESO 7P yellow	27 mm	6.3 mm	240	10	1670400000
ESO 15 white	15 mm	6 mm	120	1	1636510000
STR 7 SCHT 7	27 mm	6.3 mm		20	0515300000
STR 15 ZGB 15	15 mm	6.3 mm		20	1636520000
WS 12/5 MC	12 mm	5 mm		720	1609860000



## EM 8/30

### Technical specification

Material	Polypropylene
UL 94 flammability rating	HB
Min. temperature, continuous	-40 °C
Max. temperature, continuous	80 °C
Colour	transparent

### Accessories

The EM 8/30 end bracket marker is suitable for labelling the WEW 35/2 and ZEW 35/2 end brackets as well as marker carrier for W-series terminals. The EM 8/30 can be fitted with the ESO 7 and ESO 7P inlay tags. The pocket guarantees that the labelling is well protected against environmental influences.

### Ordering data

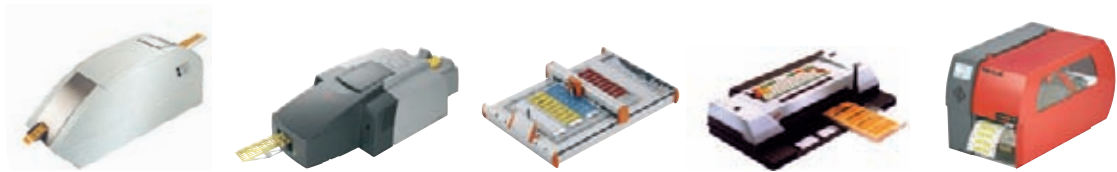
Type	Length	Width	Qty.	Order No.
EM 8/30	30 mm	8 mm	50	1806120000

Type	Length	Width	No. per sheet	Qty.	Order No.
ESO 7 white	27 mm	6.3 mm	240	10	1607720000
ESO 7 yellow	27 mm	6.3 mm	240	10	1634780000
ESO 7P white	27 mm	6.3 mm	240	10	1670390000
ESO 7P yellow	27 mm	6.3 mm	240	10	1670400000

# Printing systems and software

The Weidmüller labelling systems are the quick and efficient way of producing markers for connectors, wires, cables and devices, plus labels for general use. The **M-Print® PRO** software enables users to mark electrical equipment quickly and simply. For professional and fast design, printing and ordering of your marking requirements. Borders, barcodes, graphics or photos can all be easily integrated. The multitude of data conversion routines presents you with fast and flexible options for data integration. The Weidmüller **SMark-Laser**, **PrintJet PRO**, **MCP Plus** and **MC-Mobilo** printers plus those of the ThermoMark series can be used for printing.

The unique printing speed of the **SMark-Laser** makes it a real winner. The **PrintJet PRO** is the reference model in industrial marking for high-resolution printing and maximum wipe and scratch resistance. The **MCP Plus** plotter provides you with good flexibility because with its positioning frame it can handle more than 120 different types of marker in the MultiCard format. The **MC-Mobilo** is the ideal printer for labelling on site without a PC and a mains power supply, directly during installation work. The printers of the ThermoMark series are ideal for printing labels and/or shrinkable sleeves in excellent quality.



	Printer				
Type of marker	SMark-Laser	PrintJet PRO	MCP Plus plotter	MC-Mobilo	ThermoMark
<b>Connector markers</b>					
DEK	●	●	●	●	
WS	●	●	●	● <sup>1</sup>	
ZS	●	●	●	●	
MF	●	●	●	●	
<b>Cable and wire markers</b>					
SF	●	●	● <sup>2</sup>	● <sup>2</sup>	
SFX	●	●	●	●	
SFC	●	●	●	●	
TM-I	●	●	●	●	
TwinMark					●
<b>Device markers</b>					
DMC	●	●	●	●	
ESG	●	●	●	●	
SM	●	●	●	●	
ClipCard	●	●	●	●	
<b>Labels</b>					
THM MT					●
THM WriteOn					●

<sup>1</sup> Except WS 15/5

<sup>2</sup> SF 4 to 6 only with corresponding positioning frame

## SMark-Laser

The **SMark-Laser** is a laser printer for printing on markers in the MultiCard format. The fast production of large numbers of individually printed markers is the special feature of this printer. The automatic feed function of the **SMark-Laser** increases productivity even further and ensures that your markers are available without delay.

- Fast printing speed, 4 MultiCards per minute
- Markers can be used immediately
- Fast operation irrespective of the file size
- Good flexibility thanks to production of markers in MultiCard format to meet users' requirements
- Reduces stocks because only blank markers are required
- Printing of graphics and logos as well
- Optional automatic feed for large quantities
- Can be used together with the Weidmüller **M-Print® PRO** software



### Technical data

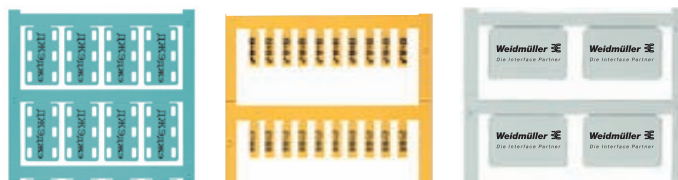
Type	SMark-Laser
Application	Prints all MultiCards
Technology	Laser printer
Printing speed	4 MultiCards per minute
Print quality	600 dpi
Printer drivers	WIN 9.x, NT, 2000/XP
Software	M-Print® PRO
System requirements	Windows® 2000/XP/Vista
Feed	Manual or with optional loader
Interfaces	Centronics
Power supply	AC 230 V / 50 Hz / 16 A
Ambient conditions	20 °C – 35 °C
Dimensions: (L x W x H)	1000 x 430 x 380 mm
Scope of supply	Laser printer, power cable, printer drivers, manual, interface cable, M-Print® PRO software

### Ordering data

### SMark-Laser

Type	Order No.
SMark-Laser	1767090000
Rack	1782880000
Special toner cartridge	1770070000

### Print options



**PrintJet PRO**



The **PrintJet PRO** inkjet printer prints markers for electric connectivity. These markers can be used for clear equipment identification on devices, cables and connectors. The labelling makes servicing, maintenance and troubleshooting much easier. Water-based ink is used for the black or spot colour printing. The print is crystal clear and resistant to environmental influences. The **PrintJet PRO** prints plastic markers in **MultiCard** format. In combination with the user-friendly **M-Print® PRO** software and the attached loader, the printer becomes an essential part of the production. The inkjet process being used, the subsequent fusing, as well as the printer cartridge and ink have all been specially adapted by Weidmüller for industrial use. The printer has excellent long-term use capabilities, thanks to its integrated loader.



- Top-quality, resistant printing
- Spot colour print
- Perfect for constant use
- Integrated loader for 20 MultiCards
- Ideal for large quantities
- The display shows all relevant information
- Flexible connection options, from LAN ports to USB ports

**Technical data**

<b>PrintJet PRO</b>	
Type	PrintJet PRO
Application	Prints MultiCard markers
Technology	Inkjet process
Print quality	600 / 1.200 dpi
Printer drivers	Windows® 2000/XP/VISTA
Print software	M-Print® PRO
System requirements	Windows® 2000/XP/VISTA
Feed	Integrated loader
Fusing	Thermal fusing
Interface	USB, LAN
Power supply	AC 230 V or AC 115 V
Location	Office conditions
Ambient temperature	20° to 35 °C
Dimensions (L x W x H)	1060 x 500 x 310 mm
Weight	33 kg
Cartridge system	Ink cartridge, CMYK (480.000 characters, Arial font size 6)
Scope of supply	PrintJet printer, power cable, printer drivers, manuals (CD), USB cable, M-Print® PRO software

**Ordering data**

**PrintJet PRO**

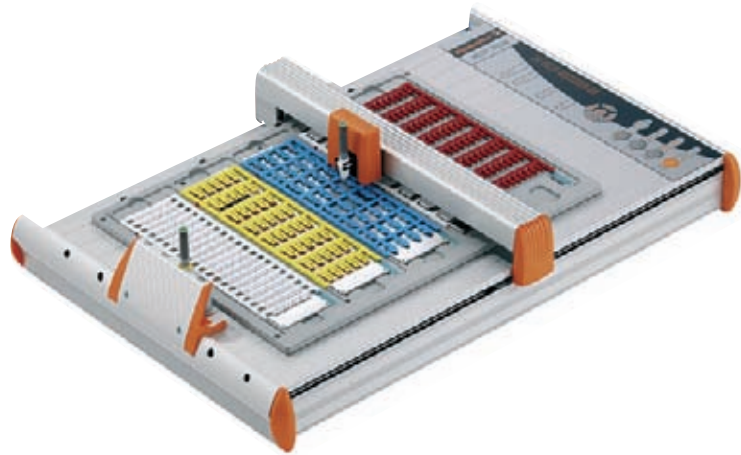
Type	Order No.
PrintJet PRO 115V	1024050000
PrintJet PRO 230V	1001180001
<b>Accessories</b>	
PJ PRO TNTK INK SET BK	Ink tank starter set, black 1027090000
PJ PRO TNTK INK SET COL	Ink tank starter set, colour 1027110000
PJ PRO TNTK INK K	● Ink tank Black 1027040000
PJ PRO TNTK INK C	● Ink tank Cyan 1027050000
PJ PRO TNTK INK M	● Ink tank Magenta 1027060000
PJ PRO TNTK INK Y	● Ink tank Yellow 1027070000
PJ PRO TNTK FL	Ink tank fluid 1027080000
Ink tank PrintJet II	1858920000
Clean Unit PrintJet II	1858950000
Ink tank PrintJet	1797460000
Clean Unit PrintJet	4062150000

Note: Available starting third quarter, 2008

## MCP Plus

The plotter **MCP Plus** complements the Weidmüller MultiCard concept. It is suitable for smaller quantities of markers and when only part of a MultiCard is to be printed on. The special positioning frame for five MultiCards increases productivity by 20 % over comparable systems. With the positioning frame for SlimFix markers sizes 4 to 6, printing on more than 120 MultiCard types for terminals, cables, wires and equipment is possible. Labels are printed with the MCP-Label positioning frame. Suitable for use with the Weidmüller **M-Print® PRO** software.

- 2 positioning frames for more than 120 MultiCard types
- MultiCards easily fitted into the frame
- Easy to use with partly used MultiCards
- Automatic pen activation function
- Safe storage of the plotter pens



### Technical data

Type	Plotter
Application	printing of MultiCard markers and labels
Technology	plotting technique
Print software	M-Print® PRO
System requirements	Windows® 2000/XP/Vista
Interface	Parallel Centronics
Power supply	230/115 V AC
Feed	manual
Location	office conditions
Ambient temperature	10 °C - 35 °C
Dimensions (L x W x H)	660 x 440 x 125 mm
Weight	approx. 8 kg
Scope of supply	MCP Plus with Centronics cable, USB cable, power pack (100-240 V AC/50-60 Hz), Euro and US plugs, MultiCard positioning frame, 0.25 mm plotter pen, M-Print® PRO software and manual

### Ordering data

### MCP Plus

Type	Order No.
MCP Plus plotter set	192500000
<b>Note:</b>	



## Printing systems – MCP Plus



### MCP positioning frames

#### Technical specification

### Ordering data

Type	for	Qty.	Order No.
MCP AP	MultiCards	1	1924360000
MCP AP SF 4-6	SlimFix sizes 4 to 6	1	1924310000
MCP AP Labels	Labels	1	1924370000

### MCP plotter pens

#### Technical specification

Type	for	Qty.	Order No.
Plotter Pen 0.18	Reusable pen	1	1768570000
Plotter Pen 0.25	Reusable pen	1	1768540000
Plotter Pen 0.25 P-Ink	Disposable pen 8 ml	1	1920640000
Plotter Pen 0.35	Reusable pen	1	1768550000
Plotter Pen 0.35 P-Ink	Disposable pen 8 ml	1	1920650000
Plotter Pen 0.50	Reusable pen	1	1768560000
Plotter Pen 0.50 P-Ink	Disposable pen 8 ml	1	1005710000
Plotter Pen 0.70	Reusable pen	1	1011440000
Plotter Pen 0.70 P-Ink	Disposable pen 8 ml	1	1011450000

### MCP ink

#### Technical specification

Type	Contents	Qty.	Order No.
P-Ink	22 ml	1	1924340000
Ink 2000	25 ml	1	1772120000

### MCP miscellaneous

#### Technical specification

Type	Contents	Qty.	Order No.
MCP adhesive strips		1	1924320000
P cleaner	22 ml	1	1924330000
MCP cover		1	1924350000
Cleaner Clean 2000	25 ml	1	1772130000
Cleaning beaker		1	1288300000
Inlay for MCP Plus		1	1935130000

### MCP software

#### Technical specification

Type	Qty.	Order No.
M-PRINT PRO	1	1905490000



### Accessories - STI pen

#### Technical specification

### Ordering data

Type	Qty.	Order No.
Adapter aluminium STI pen	1	1762440000
STI pen SW	10	0508401694

The STI-S felt tip pen is suitable for labelling blank Weidmüller marking products. It can be used for handwritten labels or, in conjunction with the STI-S adapter, for a plotter printout. A black, waterproof ink is used.

## MC-Mobilo

The MC-Mobilo allows users to work directly at place. There is no need for a PC and no need for a power supply so electrical equipment can be labelled anywhere, anytime. The rechargeable battery provides power for up to 3 hours. The universal inlay enables up to 120 different marker types of the MultiCard range to be processed.



### Technical data

Type	Plotter
Application	Printing of MultiCard markers
Technology	Plotting technique
Print software	WM-Print
Interface	RS 232
Power supply	AC 230 / AC 115 V
Feed	manual
Location	can be used anywhere
Ambient temperature	15 – 30 °C
Dimensions (L x W x H)	380 x 190 x 68 mm
Weight	3 kg
Scope of supply	MC-Mobilo, universal power unit, including adapters (EURO, UK, USA), data cassette, operating instructions, PowerPack, PC connecting cable, WM-Print, universal MultiCard mounting frame, 0.25 mm plotter pen, carry case

### Ordering data

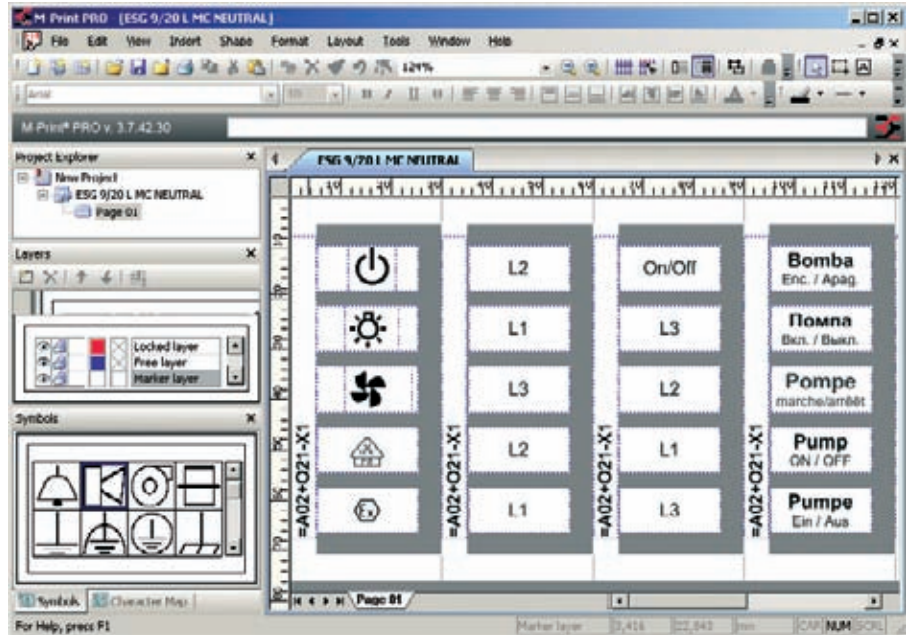
### MC-Mobilo

MC-Mobilo	Qty.	Order No.
MC-Mobilo 110/220 V	1	1741260001
<b>MC-Mobilo Accessories</b>		
Printkit (Ink 2000, Clean 2000, Plotter-Pen 0,25)	1	1686920000
Frame inlay SF 4-6	1	1802180000
<b>Accessories Plotter IP220/MC-Mobilo</b>		
P-Ink	1	1924340000
Ink 2000 25 ml	1	1772120000
P cleaner	1	1924330000
Cleaner Clean 2000 25 ml	1	1772130000
Plotter pen 0.18	1	1768570000
Plotter pen 0.25	1	1768540000
Plotter pen 0.25 P-Ink	1	1920640000
Plotter pen 0.35	1	1768550000
Plotter pen 0.35 P-Ink	1	1920650000
Plotter pen 0.50	1	1768560000
Plotter pen 0.50 P-Ink	1	1005710000
Plotter pen 0.70	1	1011440000
Plotter pen 0.70 P-Ink	1	1011450000
<b>Accessories – STI pen</b>		
Adapter aluminium STI pen	1	1762440000
STI pen SW	10	0508401694

## M-Print® PRO Label Designer

**Print and ordering software** for markers and labels

M-Print® PRO is a professional software for printing and ordering Weidmüller markers and labels under Windows®. This software helps you to optimise your processes for marking electrical equipment. You can design, print and order your marking materials effortlessly, professionally and quickly: texts, frames, lines, graphics, barcodes, serial numbers and photos.



### Technical data

#### Here is an overview of the main functions

- Integrated product catalogue for all labels and markers, including images and links to the relevant web pages and product data sheets
- Markers and labels can be designed in as many levels as required
- Custom formatting of individual text characters (RTF)
- Perform copy-and-paste functions with texts and their formats
- Supports UNICODE for foreign-language texts, such as Russian, Chinese, Polish, etc.
- Enter data on labels or worksheet
- Permanent print preview: see how the printout will look during the design phase
- Alphanumeric counts and sequences
- Extensive range of image formats (\*.bmp, \*.wmf, \*.png, \*.ico, \*.jpeg, \*.tif, \*.gif)
- Image library including all the important symbols used in electrical engineering
- Assign product to specific printer; for example, ESG 9/20 to PrintJet, LaserMark to laser printer, etc.
- Output devices supported: PrintJet I+II, SMark-Laser, ThermoCard, THM as well as standard printers with Windows drivers, plotter MCP Plus
- Optimum and rapid adjustment of the output devices
- Online update service via the Internet
- Interface to RailDesigner®
- Import assistant to create your own import filter for numerous file formats (\*.txt, \*.asc, \*.mak, \*.wei, \*.tmf, etc.)
- Imports data from CAE systems

#### Operating systems supported

WINDOWS® 2000/XP/Vista

#### System requirements

RAM	> 64 MB
Processor	> Pentium PIII or comparable model
Graphics	> 800 x 600 pixels with 256 colours optimum: 1024 x 768 with 16-bit High Colour
Hard drive	> 90 MB free storage
Miscellaneous	mouse, keyboard, CD-ROM drive (to install the software)

M-Print® PRO is available in two editions:

- M-Print® PRO Standard Edition for professional printing results with all of Weidmüller's marking materials
- M-Print® PRO Advanced Edition for professional printing results with all of Weidmüller's marking materials plus labels to customer specification

### Ordering data

### M-Print® PRO

Type	Order No.
M-Print® PRO	1905490000
M-Print® PRO advanced	1905500000



## Tools

### Cutter

- Cutting formation for different cable sizes increases the quality of the cuts for smaller cross-sections.

#### KT 8

##### Notching tool



Cutting tool that does not damage the conductor; for cutting copper and aluminium cables with a diameter of up to 8 mm.

- Not suitable for steel wires, steel-armoured cables, aluminium alloys and hard-drawn copper conductors!

#### KT 12

##### Notching tool



Cutting tool that does not damage the conductor; for cutting copper and aluminium cables with a diameter of up to 12 mm.

- Not suitable for steel wires, steel-armoured cables, aluminium alloys and hard-drawn copper conductors!

### Technical data

Max. cutting performance copper cable	
Solid (max. conductor cross-section)	mm <sup>2</sup> / AWG
Stranded (max. conductor cross-section)	mm <sup>2</sup> / AWG
Flexible (max. conductor cross-section)	mm <sup>2</sup> / AWG
Flexible, Stranded (max. diameter)	mm
Sector line	
Max. cutting performance aluminium cable	
Stranded (max. conductor cross-section)	mm <sup>2</sup> / AWG
Stranded (max. diameter)	mm
Solid	mm <sup>2</sup>
Data-/ telephone-/ control cable	
O.D. max.	mm
Tool data	
Length / width / height	mm
Weight	g
Information	

KT8	
16 / 6	
16 / 6	
16 / 6	
8	
16 / 6	
8	
16	
8	
165 / 65 / 25	
180	
Tool closed	

KT12	
16 / 6	
25 / 3	
35 / 2	
12	
25 / 6	
8	
25	
12	
215 / 66 / 28	
300	
Tool closed	

### Ordering data

Version	
Information	

Type	Qty.	Order No.
KT 8	1	9002650000
Information		

Type	Qty.	Order No.
KT 12	1	9002660000
Information		

### Accessories

Type	Qty.	Order No.
Information		

Type	Qty.	Order No.
Information		

Type	Qty.	Order No.
Information		

**WAW 1**

Notching tool



Tool for trimming poles from WQV 2.5 to WQV 35 cross connections used in Weidmüller W-Series terminals.

**Technical data**

Length	167 mm
Weight	227 g

**Ordering data**

Type	Qty.	Order No.
WAW 1	1	9004500000

**WAW 2**

Notching tool



Tool for punching out the cross-connection windows of the Weidmüller W-Series, Test-disconnect terminal WTR 2.5, Fuse terminal WSI 6.

**Technical data**

Length	205 mm
Weight	338 g

**Ordering data**

Type	Qty.	Order No.
WAW 2	1	9004510000

**KT ZQV**

Cutter



Cutter for non-pinch cutting of Weidmüller Z-series cross-connections.

**Technical data**

Length	215 mm
Weight	300 g

**Ordering data**

Type	Qty.	Order No.
KT ZQV	1	9002170000

**Tools**

**TSLD**

**Terminal rail cutting and punching tool**



Mounting rail cutting and punching tool for:

- TS35/7.5 mm to EN 50022 (s = 1.0 mm)
- TS35/15 mm to EN 50022 (s = 1.5 mm)
- TS32 mm to EN 50035 (s = 1.5 mm)
- TS15/5.5 mm to EN 50045 (s = 1.0 mm)
- Copper grounding rail 10 mm x 3 mm

**Punching**

Cross- and lengthwise punches (elongated hole 12 x 6.4 mm)  
(s = material density of the mounting rail)

**Technical data**

Width	205 mm
Length	270 mm
Height	200 mm
Weight	19000 g

**Ordering data**

Type	Qty.	Order No.
TSLD	1	9918700000

## Cable cutter

- Easy handling
- Minimal hand force required
- Release option in every cutting position

## KT 45 R



### Technical data

Max. cutting capacity copper cable	
Solid (max. conductor cross-section)	mm <sup>2</sup> / kcmil
Stranded (max. conductor cross-section)	mm <sup>2</sup> / kcmil
Flexible (max. conductor cross-section)	mm <sup>2</sup> / kcmil
Flexible, Stranded (max. diameter)	mm
Sector conductor	
Max. cutting capacity aluminium cable	
Stranded (max. conductor cross-section)	mm <sup>2</sup> / kcmil
Stranded (max. diameter)	mm
Sector conductor	mm <sup>2</sup>
Data-/ telephone-/ control cable	
O.D. max.	mm
Tool data	
Length / width / height	mm
Weight	g
Information	

KT 45 R	
	300 / 600
	400 / 800
	45
	3 x 70 SM
	400 / 800
	45
	3 x 70 SE
	45
	290 / 40 / 85
	740
	Tool closed

### Ordering data

Version
Information

Type	Qty.	Order No.
KT 45 R	1	9202040000
The dimensions of the cable cutter refer to the delivery condition, i.e. the point of the hinged blade parallel to the fixed blade.		

### Accessories

Version
Information

Type	Qty.	Order No.
Spare hinged blade KT 45 R	1	9204270000
Information		





### Stripping and cutting tools

- For flexible and massive conductors with PVC-insulation
- Stripping length adjustable with shoulder
- automatic opening of the clamping jaws after stripping
- no splicing of the single conductor
- adjustable to different insulation thicknesses
- cable with double insulation in two processing steps without special adjustment
- Blade-device free from float and self-adjustable
- long durability
- optimised ergonomically design

### stripax®



### stripax® 16



Stripping and cutting tool for flexible conductors with PVC-insulation of 0.08...6 mm<sup>2</sup> (~AWG 28...10)

- No damaging of the conductor due to special, self-adjustable stripping blades
- Processing of multi-conductors, with thin flat ribbon cables even multiple conductors in one operation

Stripping and cutting tool for flexible and massive conductors with PVC-insulation of 6...16 mm<sup>2</sup> (~AWG 10... 6)

- Cutting of flexible and massive conductors up to 6 mm<sup>2</sup> (AWG 10)
- No damaging of the conductor due to special blade forms

### Technical data

Max. stripping performance	
Cable model	
Conductor cross-section	mm <sup>2</sup>
Conductor diameter	mm
Max. stripping length	mm
Adjustable depth of cut	mm
Cutting performance	
Max. cutting performance	mm <sup>2</sup>
Tool data	
Length	mm
Weight	g

### Information

### Ordering data

Version
Information

### Accessories

Type	Qty.	Order No.
Cleaning brush	5	9005450000
Spare stripping blades	1	9054030000
Information		

stripax®	
flexible & solid conductors with PVC insulation	
Conductor cross-section	mm <sup>2</sup>
Conductor diameter	mm
Max. stripping length	mm
Adjustable depth of cut	mm
Max. cutting performance	mm <sup>2</sup>
Tool data	
Length	mm
Weight	g

### Information

Type	Qty.	Order No.
STRIPAX	1	9005000000
Information		

Type	Qty.	Order No.
Cleaning brush	5	9005450000
Spare stripping blades	1	9054030000
Information		

stripax® 16	
flexible & solid conductors with PVC insulation	
Conductor cross-section	mm <sup>2</sup>
Conductor diameter	mm
Max. stripping length	mm
Adjustable depth of cut	mm
Max. cutting performance	mm <sup>2</sup>
Tool data	
Length	mm
Weight	g

### Information

Type	Qty.	Order No.
STRIPAX 16	1	9005610000
Information		

Type	Qty.	Order No.
Cleaning brush	5	9005450000
Spare stripping blades	1	9054080000
Information		

**Tools**

**Crimping and cutting tool for wire end ferrules**

- Cutting
- Stripping
- Crimping
- Conductor entry sideways
- Wire end ferrules according to DIN 46228-4
- Ratchet for precise crimping
- Efficient operation:  
Change of tools not necessary, therefore significant saving of time
- automatic transport of wire end ferrules
- Only wire end ferrules in strips of 50 pieces may be used with this tool. The use of wire end ferrules on reels can lead to damage.

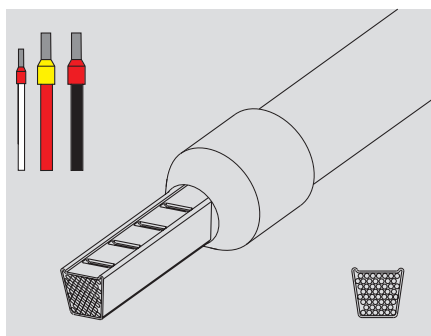
**stripax® plus 2.5**

**Cutting, stripping and crimping tool for wire end ferrules**



Cutting, stripping and crimping tool for linked wire end ferrules on strip with 0.5...2.5 mm<sup>2</sup> (~AWG 20...14) from Weidmüller

- Easy handling of wire end ferrules
- Automatic feeding of wire end ferrules



**Technical data**

Description of contact	
Type of contact	
Crimping range	mm <sup>2</sup>
Crimping range 1 (with multiple crimping positions)	mm <sup>2</sup>
Crimping range 2 (with multiple crimping positions)	mm <sup>2</sup>
Crimping range 3 (with multiple crimping positions)	mm <sup>2</sup>
Plug width	mm

stripax® plus 2.5	
Strip of wire end ferrules	
	0.5 ... 2.5
	0.5 ... 0.75
	1 ... 1.5
	2.5

Tool data	
Length	mm
Weight	g
Information	

210
260
Only Weidmüller wire end ferrules on strips à 50 pieces may be used. The usage of wire end ferrules supplied by the metre may cause failures.

**Ordering data**

Version
---------

Type	Qty.	Order No.
stripax plus 2,5	1	902000000

Information
-------------

Spare cutter (order no.: 9050340000)
--------------------------------------

**Accessories**

Information
-------------

--

### Crimping tools for wire end ferrules

- Ratchet for precise crimping
- Release mechanism in case of incorrect operation
- Entry for wire end ferrule on the side

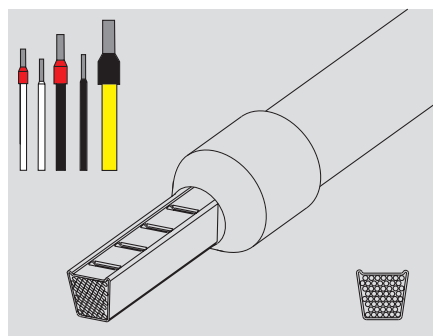
#### PZ 4

Crimping tool for wire end ferrules from 0.5...4 mm<sup>2</sup>



Crimping tool for wire end ferrules (to DIN 46228 part 1 and 4) with and without plastic collar and twin wire end ferrules of 0.5...2.5 mm<sup>2</sup>

- Only one crimping station for the whole cross-section



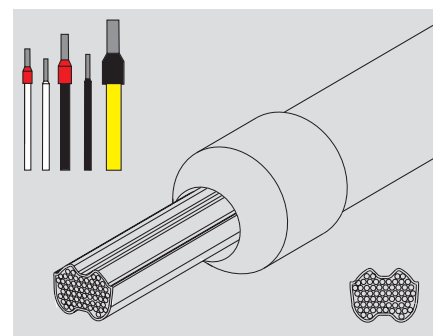
#### PZ 6/5

Crimping tool for wire end ferrules from 0.25...6 mm<sup>2</sup>



Crimping tool for wire end ferrules (to DIN 46228 pt. 1 and 4) with and without plastic collar of 0.25...6 mm<sup>2</sup> (~ AWG 24...10) and twin wire end ferrules of 0.5...4.0 mm<sup>2</sup>

- Crimp according to Euro-Norm EN 60947-1
- Five crimping stations corresponding to the conductor cross-section
- Approval according to VG 95211 (military designation VG 95 236 T 14 B 002)



### Technical data

Description of contact	
Type of contact	
Crimping range	mm <sup>2</sup>
Crimping range 1 (with multiple crimping positions)	mm <sup>2</sup>
Crimping range 2 (with multiple crimping positions)	mm <sup>2</sup>
Crimping range 3 (with multiple crimping positions)	mm <sup>2</sup>
Crimping range 4 (with multiple crimping positions)	mm <sup>2</sup>
Crimping range 5 (with multiple crimping positions)	mm <sup>2</sup>

Tool data	
Length	mm
Weight	g
Information	

### Ordering data

Version

Information

### Accessories

Information

PZ 4		
Wire end ferrules with/without plastic collar		
Crimping range		0.5 ... 4
Crimping range 1 (with multiple crimping positions)		
Crimping range 2 (with multiple crimping positions)		
Crimping range 3 (with multiple crimping positions)		
Crimping range 4 (with multiple crimping positions)		
Crimping range 5 (with multiple crimping positions)		

Tool data	
Length	mm
Weight	g
Information	

Type	Qty.	Order No.
PZ 4	1	9012500000

Information

### Accessories

Information

PZ 6/5		
Wire end ferrules with/without plastic collar		
Crimping range		0.25 ... 6
Crimping range 1 (with multiple crimping positions)		0.25 ... 0.5
Crimping range 2 (with multiple crimping positions)		0.75 ... 1.5
Crimping range 3 (with multiple crimping positions)		2.5
Crimping range 4 (with multiple crimping positions)		4
Crimping range 5 (with multiple crimping positions)		6

Tool data	
Length	mm
Weight	g
Information	

Type	Qty.	Order No.
PZ 6/5	1	9011460000

Information

### Accessories

Information

**Tools**

**Crimping tools for wire end ferrules**

- Ratchet for precise crimping
- Release mechanism in case of incorrect operation

**PZ 3**

**Crimping tool for wire end ferrules from 0.5...6 mm<sup>2</sup>**



Crimping tool for wire end ferrules of 0.5...6 mm<sup>2</sup> with and without plastic collar according to DIN 46228 part 1 and 4 (~ AWG 20...10) and twin-wire end ferrules of 0.5...4 mm<sup>2</sup>

- Only one die for the whole cross-section
- Wire end ferrule insertion from the front

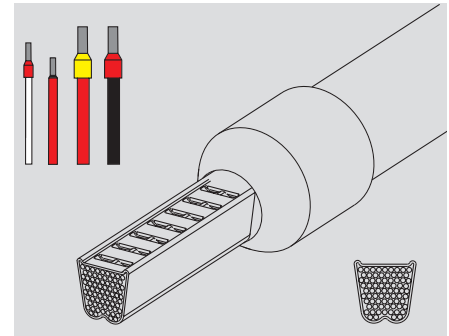
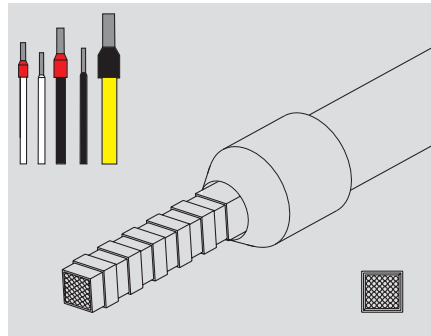
**PZ 6 roto**

**Crimping tool for wire end ferrules from 0.14...6 mm<sup>2</sup>**



Crimping tool for wire end ferrules of 0.14...6 mm<sup>2</sup> with and without plastic collar to DIN 46228 part 1 and 4 (~ AWG 26...10) and twin-wire end ferrules of 0.5...4 mm<sup>2</sup>

- Only one die for the whole cross-section
- Pivoted die for wire end ferrule-insertion
- Wire end ferrule insertion from the front or from the side



**Technical data**

Description of contact	
Type of contact	
Crimping range	mm <sup>2</sup>
Crimping range 1 (with multiple crimping positions)	mm <sup>2</sup>
Crimping range 2 (with multiple crimping positions)	mm <sup>2</sup>
Crimping range 3 (with multiple crimping positions)	mm <sup>2</sup>
Plug width	mm
Tool data	
Length	mm
Weight	g
Information	

PZ 3	
Wire end ferrules with/without plastic collar	
Crimping range	0.5 ... 6
Tool data	
Length	200
Weight	426
Information	

PZ 6 roto	
Wire end ferrules with/without plastic collar	
Crimping range	0.14 ... 6
Tool data	
Length	200
Weight	428
Information	

**Ordering data**

Version
Information

Type	Qty.	Order No.
PZ 3	1	0567300000
Information		

Type	Qty.	Order No.
PZ 6 roto	1	9014350000
Information		

**Accessories**

Information

Information

Information

**Crimping tools for wire end ferrules**

- Ratchet for precise crimping
- Release mechanism in case of incorrect operation
- Entry for wire end ferrule on the side

**PZ 16**

**Crimping tool for wire end ferrules from 6...16 mm<sup>2</sup>**



Crimping tool for wire end ferrules (to DIN 46228 part 1 and 4) with and without plastic collar from 6...16 mm<sup>2</sup> (~ AWG 10...6)

- Three crimping stations corresponding to the conductor cross-sections
- Crimp according to Euro-Norm EN 60947-1
- Approval according to VG 95211 (military designation VG 95 236 T 14 B 002)

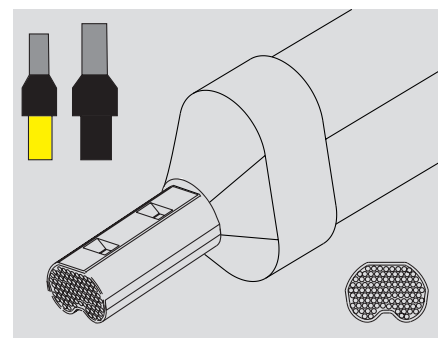
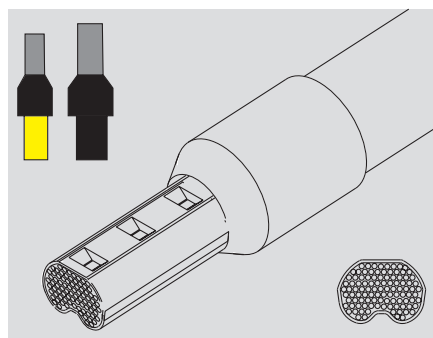
**PZ ZH 16**

**Crimping tool for twin wire end ferrules, 6...16 mm<sup>2</sup>**



Crimping tool for twin wire end ferrules (to DIN 46228 pt.4) with plastic collar from 6...16 mm<sup>2</sup> (~AWG 10...6)

- Three crimping stations corresponding to the conductor cross-sections



**Technical data**

Description of contact	
Type of contact	
Crimping range	mm <sup>2</sup>
Crimping range 1 (with multiple crimping positions)	mm <sup>2</sup>
Crimping range 2 (with multiple crimping positions)	mm <sup>2</sup>
Crimping range 3 (with multiple crimping positions)	mm <sup>2</sup>
Plug width	mm

PZ 16	
Wire end ferrules with/without plastic collar	
6 ... 16	
6	
10	
16	

PZ ZH 16	
Twin wire end ferrules	
6 ... 16	
6	
10	
16	

Tool data	
Length	mm
Weight	g

200	
418	

260	
700	

**Information**

**Ordering data**

Version
---------

Type	Qty.	Order No.
PZ 16	1	9012600000

Type	Qty.	Order No.
PZ ZH 16	1	9013600000

**Information**

**Accessories**

**Information**

**Information**

**Information**

**Information**

**Information**

**Tools**

**Crimping tools for wire end ferrules**

- Ratchet for precise crimping
- Release mechanism in case of incorrect operation

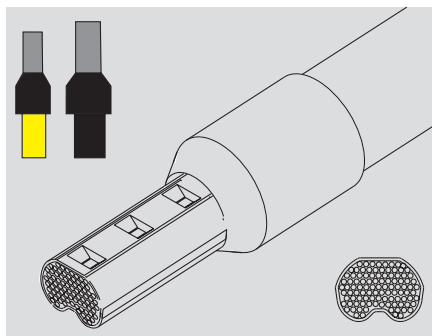
**PZ 50**

**Crimping tool for wire end ferrules with 25, 35 and 50 mm<sup>2</sup>**



Crimping tool for wire end ferrules of 25, 35 and 50 mm<sup>2</sup> with and without plastic collar to DIN 46228 part 1 and 4(- AWG 3...1)

- Three crimping stations corresponding to the conductor cross-sections
- Crimp according to Euro-Norm EN 60947-1
- Approval according to VG 95211 (military designation VG 95 236 T 14 B 002)



**Technical data**

Description of contact	
Type of contact	
Crimping range	mm <sup>2</sup>
Crimping range 1 (with multiple crimping positions)	mm <sup>2</sup>
Crimping range 2 (with multiple crimping positions)	mm <sup>2</sup>
Crimping range 3 (with multiple crimping positions)	mm <sup>2</sup>
Plug width	mm

PZ 50	
Wire end ferrules with/without plastic collar	
25 ... 50	
25	
35	
50	

Tool data	
Length	mm
Weight	g

260
700

Information
-------------

**Ordering data**

Version
---------

Type	Qty.	Order No.
PZ 50	1	9006450000

Information
-------------

**Accessories**

Information
-------------

## Rechargeable torque screwdriver

## DMS 3



## DMS 3 Set



## DMS 3 rechargeable torque screwdriver

- One-hand operation under all working conditions
- Switchable forward and reverse
- Two speeds: 200 and 400 rpm
- Precise torque settings from approx. 0.2 ... 3 Nm in 6 steps
- Consistent performance during battery discharge
- Grip swings easily from rod to pistol form
- Takes 1/4" bits held ball-bearing clamping mechanism (form E6.3)
- Safety lock prevents inadvertent operation
- Easy changeover from battery drive to manual operation up to 15 Nm

## Technical data

Screwdriver	
Motor	2.4 V DC
Idling speed	200/400 min <sup>-1</sup>
Max. torque	3.0 Nm
Chuck	1/4" E 6.3 DIN 3126
Length	239 mm
Weight	400 g
Battery	
Type	2 Ni-Cd batteries each 1.2 V
Weight	122 g
Charger	
Input	230 V AC, 50 Hz, 50 mA
Output	2.9 V AC, 1.4 A, 4.1 VA
Charging time	1 hour
Weight	700 g

## Ordering data

Type	Qty.	Order No.
DMS 3	1	9007440000
Screwdriver incl. battery		

## Accessories

Type	Qty.	Order No.
Spare battery	1	9007450000
Charger	1	9007460000

Type	Qty.	Order No.
DMS 3 set 1 (screwdriver incl. battery, charger, bits, plastic carrying case)*	1	9007470000
DMS 3 set 2 (as set 1 with 1 additional battery)	1	9007480000

\*) refer to figure



## Tools

## Electric torque screwdriver

## DMS 2 Set



- Torque adjustable in four steps for standard screws M2.5 to M4
- Selectable electric power cut-off upon reaching a preselected torque
- High repetition accuracy
- Start-up in low gear and switchover to operating rpm is controlled via the pressure on the screw head
- Switchable forward and reverse
- Fatigue-free working due to ergonomic design and low weight
- Ideal design for one-hand operation under all working conditions and at different working locations
- Low noise
- Low energy consumption

## Technical data

Rated voltage	230 V
Frequency	60 Hz
Rated power	45 W
Current consumption	0.2 A
rpm of spindle in search gear	350 min <sup>-1</sup>
in working mode	700 min <sup>-1</sup>

## Torques

Level 1 (M 2.5)	0.5 ± 0.1 Nm
Level 2 (M 3)	0.7 ± 0.15 Nm
Level 3 (M 3.5)	1.2 ± 0.2 Nm
Level 4 (M4)	1.7 ± 0.25 Nm

Weight incl. supply cable	0.990 kg
Weight	0.820 kg
Noise level to DIN 45 634	58 db (A)

Protection class II to DIN 57 740  
DIN/VDE 0740 T.1 and T.2  
EMC to EC directive 89/336/EWG  
CE mark

## Ordering data

## Standard equipment

Type	Qty.	Order No.
DMS 2 with 1/4" drive Form E 6.3 DIN 3126 with hang-up clip and 4 bits for slotted screws (Length: 50 mm) Blade dimensions 0.5 x 3 / 0.6 x 3.5 / 0.8 x 4 / 1.0 x 5.5	1	0664600000

## Accessories

Balancer for hanging up the DMS 2

Type	Qty.	Order No.
BAL 2 (balancer for hanging up the DMS 2)	1	0181800000

### Combined cutting and screw driving tool

that does not damage the edge; for cutting of copper cables with a diameter of up to 1.5 mm<sup>2</sup> solid and 2.5 mm<sup>2</sup> flexible.

#### swifty®



#### swifty®

- Cable cutting tool to mount on non-insulated screw drivers with a blade diameter of 3.5 mm
- Minimum manual force required
- Automatic opening of the cutter
- Ergonomically designed grip

#### swifty®set

- Efficient operation:
- Only one tool for cable-processing in IDC-technology
- Suitable for screw and tension clamps
- Readily available pocket size
- For right-handed and left-handed use
- One-hand operation

#### swifty®set



### Technical data

Maximum cutting capacity		
<b>Copper cable:</b>		
Solid cable (conductor cross-section)	mm <sup>2</sup>	1.5
Flexible cable (conductor cross-section)	mm <sup>2</sup>	2.5
<b>Tool data</b>		
Length x width x height	mm	35 / 18 / 40
Weight	g	20

### Ordering data

Type	Qty.	Order No.
swifty® (without screwdriver)	1	9006020000

Type	Qty.	Order No.
swifty®set (with screwdriver)	1	9006060000
Screwdriver (SD 0.6 3.5x100)	1	9008330000

## Tools

### VDE insulated screwdriver

VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900, IEC 900. safety tested GS, every one tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gunmetal finish.



#### SDI S

VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, output to DIN 5264, ISO 2380/1, SoftFinish grip



Type	Size / SW	A	B	C	Order No.
SDI 0.4 x 2.5 x 75		0.4	2.5	80	9008370000
SDI 0.5 x 3.0 x 100		0.5	3.0	100	9008380000
SDI 0.6 x 3.5 x 100		0.6	3.5	100	9008390000
0.8 x 4.0 x 100		0.8	4.0	100	9008400000
SDI 1.0 x 4.5 x 125		1.0	4.5	125	9008910000
SDI 1.0 x 5.5 x 125		1.0	5.5	125	9008410000
SDI 1.2 x 6.5 x 150		1.2	6.5	125	9025870000
SDI 1.6 x 8.0 x 175		1.6	8.0	175	9008430000
SDI 0.4 x 2.0 x 60		0.4	2.0	60	9205690000
SDI 1.0 x 4.5 x 175		1.0	4.5	175	9205700000
SDI 1.0 x 5.5 x 175		1.0	5.5	175	9205710000

#### SDIK PH

VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip



SDIK PH0	0	60	9008560000
SDIK PH1	1	80	9008570000
SDIK PH2	2	100	9008580000
SDIK PH3	3	150	9008590000

#### SDIK PZ

VDE insulated crosshead screwdriver type Pozidriv SDIK PZ DIN 7438, ISO 8764/2-PZ, output to ISO 8764-PZ, SoftFinish grip



SDIK PZ1	1	80	9008900000
SDIK PZ2	2	100	9008900000

#### SDIT

VDE insulated Torx®-screwdriver, SDIT SoftFinish grip



SDI T8	8	60	9201940000
SDI T10	10	80	9009640000
SDI T15	15	80	9009650000
SDI T20	20	80	9009660000
SDI T25	25	80	9009670000
SDI T30	30	100	9009680000
SDI T35	40	150	9009690000

#### SKI

VDE insulated hexagon socket wrench, SKI SoftFinish grip



SKI 5.0 x 125	5	125	9009000000
SKI 5.5 x 125	5.5	125	9008990000
SKI 6.0 x 125	6	125	9008980000
SKI 7.0 x 125	7	125	9008970000
SKI 8.0 x 125	8	125	9008960000
SKI 9.0 x 125	9	125	9008950000
SKI 10.0 x 125	10	125	9008940000
SKI 11.0 x 125	11	125	9008930000
SKI 13.0 x 125	13	125	9008920000

Information

## Uninsulated screwdriver

Weidmüller SoftFinish screwdriver for general uses, blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, matt chrome finish.



### SDI S

Slotted screwdriver with round blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1, ChromTop tip, SoftFinish grip



Type	Size / SW	A	B	C	Order No.
SD 0.4 x 2.0 x 60		0.4	2.0	60	9037160000
SD 0.4 x 2.5 x 75		0.4	2.5	75	9009030000
SD 0.5 x 3.0 x 80		0.5	3.0	80	9008320000
SD 0.6 x 3.5 x 100		0.6	3.5	100	9008330000
SD 0.6 x 3.5 x 200		0.6	3.5	200	9010110000
SD 0.8 x 4.0 x 100		0.8	4.0	100	9008340000
SD 1.2 x 6.5 x 150		1.2	6.5	150	9009010000
SD 0.8 x 4.5 x 125		0.8	4.5	125	9009020000
SD 1.0 x 5.5 x 150		1.0	5.5	150	9008350000

### SDK PH

Crosshead screwdriver, Phillips, SDK PH DIN 5262, ISO 8764/2-PH, output to ISO 8764-PH, ChromTop tip, SoftFinish grip



SDK PH0	0	60	9008470000
SDK PH1	1	80	9008480000
SDK PH2	2	100	9008490000
SDK PH3	3	150	9008500000

### SDK PZ

Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, output to ISO 8764/1-PZ, ChromTop tip, SoftFinish grip



SDK PZ0	0	60	9008520000
SDK PZ1	1	80	9008530000
SDK PZ2	2	100	9008540000
SDK PZ3	3	150	9008550000

### SD TH

Torx® TH screwdriver with hole in tip of blade (tamper-resistant), SD TH for screwing Torx® and Torx®-TH security screws (pin in centre of Torx recess), ChromTop tip, SoftFinish grip



SD TH8	8	60	9009190000
SD TH10	10	80	9009180000
SD TH15	15	80	9009170000
SD TH20	20	100	9009160000
SD TH25	25	100	9009150000
SD TH30	30	115	9009140000

### SK

Hexagon socket wrench SK DIN 3125, output to DIN 3125, SoftFinish grip



SK 5.5 x 125	5,5	125	9009120000
SK 6.0 x 125	6	125	9009110000
SK 7.0 x 125	7	125	9009100000
SK 8.0 x 125	8	125	9009090000
SK 9.0 x 125	9	125	9009080000
SK 10.0 x 125	10	125	9009070000
SK 11.0 x 125	11	125	9009060000
SK 12.0 x 125	12	125	9009050000
SK 13.0 x 125	13	125	9009040000

Information

## Tools

### Wrench set Weidmüller

Allen key made from fully hardened, high-alloy chromium-vanadium-steel, to DIN ISO 2936 L (DIN 911), surface high-quality refined.



#### SK WSD S

**9-piece offset screwdriver set in Prostar holder**, with **MagicRing**: holds standard screws (size 3 and larger) in any position thanks to spring steel ring, with **ball point**: for working at angles up to 25°.



Type	Size / SW	A	B	C	Order No.
	1.5				
	2				
	2.5				
	3				
	4				
	5				
	6				
	8				
	10				
SK WSD-S 1.5-10.0					9008850000

#### SK S

**7-piece Allen key set**



	2				
	2.5				
	3				
	4				
	5				
	8				
	6				
SKS 2.0-8.0					9008860000

#### SK S

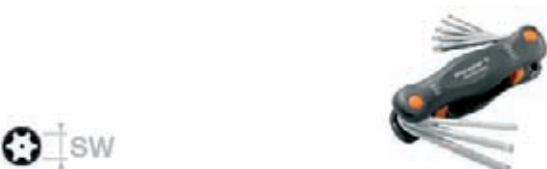
**7-piece Allen key set with MagicRing and ball point**: holds standard screws (size 3 and larger) in any position thanks to spring steel ring, with ball point: for working at angles up to 25°.



	2				
	2.5				
	3				
	4				
	5				
	6				
	8				
SKS 2.0-8.0 MR					9008870000

#### TH S

**8-piece Torx®-TH screwdriver set** with hole in the blade point (tamper-proof), for screwing Torx® and Torx®-TH tamper-proof screws (centre pin in profile)



	9				
	10				
	15				
	20				
	25				
	27				
	30				
	40				
TH-S 9-40					9008880000

Information

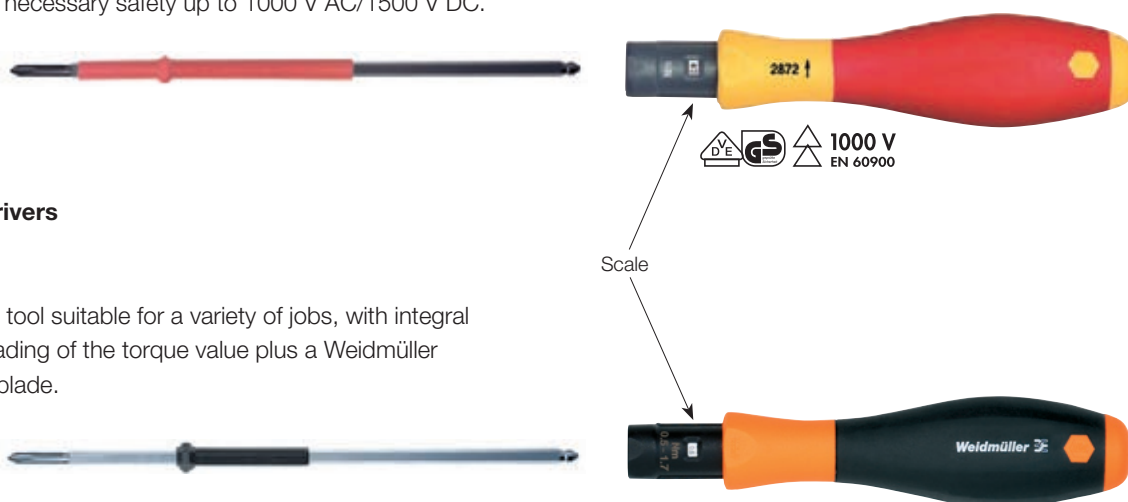
# DMS manual / DMSI manual

## Torque screwdrivers with insulation up to 1000 V (VDE)

### • DMSI manual

The “DMSI manual” with integral window torque scale combined with a Weidmüller 1000 V insulated (VDE) interchangeable blade ensures controlled tightening of screws plus reliability in electrical applications.

Every 1000 V insulated handle (VDE) and blade (VDE) is tested and provides the necessary safety up to 1000 V AC/1500 V DC.



## Torque screwdrivers

### • DMS manual

This is a versatile tool suitable for a variety of jobs, with integral scale for easy reading of the torque value plus a Weidmüller interchangeable blade.



## Each model is available with two torque ranges:

- 0.5 to 1.7 Nm
- 2.0 to 8.0 Nm
- setting tool included

## Advantages:

- Compact and especially lightweight design
- Torque set with special tool (included) to ensure the right setting
- Ergonomic handle size to match the torque range
- Every tool checked and given an ID No., 100% quality control with verification and product reference
- Audible, unmistakable click upon reaching the torque, no unnecessary effort
- Interchangeable blade made from high-quality wear-resistant tool steel
- All tools comply with the accuracy stipulations of: EN ISO 6798, BS EN 26789, ASME B107.14M
- Operating accuracy:  $\pm 6\%$  of set scale value



Setting tool

Tools

Uninsulated torque screwdriver



**DMS manual**

Torque-screwdriver  
EN ISO 6798, BS EN 26789, ASME B107.14M



Type	Size / SW	A	B	C	Order No.
DMS MANUELL 0.5-1.7	0.5 - 1.7 Nm				9918370000
DMS MANUELL 2.0-8.0	2.0 - 8.0 Nm				9918380000

**WK K S**

Interchangeable blades for torque-screwdriver  
output according to DIN 5264, ISO 2380/1



WK S 0.4 x 2.5	max. 0.6 Nm	0.4	2.5	175	9918520000
WK S 0.5 x 3.0	max. 0.6 Nm	0.5	3.0	175	9918530000
WK S 0.6 x 3.5	max. 1.1 Nm	0.6	3.5	175	9918540000
WK S 0.8 x 4.0	max. 2.5 Nm	0.8	4.0	175	9918550000
WK S 1.0 x 5.5	max. 3.8 Nm	1.0	5.5	175	9918560000

**WK K PZ**

Interchangeable blades for torque-screwdriver  
output according to DIN 5260-PZ, ISO 8764/1-PZ



WK K PZ0	max. 0.9 Nm			175	9918600000
WK K PZ1	max. 3.8 Nm			175	9918610000
WK K PZ2	max. 5.5 Nm			175	9918620000

**WK K PH**

Interchangeable blades for torque-screwdriver  
output according to DIN 5260-PH, ISO 8764/1-PH



WK K PH0	max. 0.9 Nm			175	9918570000
WK K PH1	max. 3.8 Nm			175	9918580000
WK K PH2	max. 5.5 Nm			175	9918590000

Information

### VDE insulated torque screwdriver

VDE insulated torque screwdriver Weidmüller SoftFinish electric for work on live parts up to 1000 Vac and 1500 Vdc, DIN EN 60900, IEC 900. GS symbol, every one tested.



### DMSI manual

VDE insulated torque-screwdriver  
EN ISO 6798, BS EN 26789, ASME B107.14M



Type	Size / SW	A	B	C	Order No.
DMSI MANUELL 0.5-1.7	0.5 - 1.7 Nm				9918390000
DMSI MANUELL 2.0-8.0	2.0 - 8.0 Nm				9918400000

### WK SI

VDE insulated interchangeable blades for VDE insulated torque-screwdriver  
output according to DIN 5264, ISO 2380/1



Type	Size / SW	A	B	C	Order No.
WK SI 0.4 x 2.5	max. 0.6 Nm	0.4	2.5	175	9918410000
WK SI 0.5 x 3.0	max. 0.6 Nm	0.5	3.0	175	9918420000
WK SI 0.6 x 3.5	max. 1.1 Nm	0.6	3.5	175	9918430000
WK SI 0.8 x 4.0	max. 2.5 Nm	0.8	4.0	175	9918440000
WK SI 1.0 x 5.5	max. 3.8 Nm	1.0	5.5	175	9918450000

### WK IK PH

VDE insulated interchangeable blades for VDE insulated torque-screwdriver  
output according to DIN 5260-PH, ISO 8764/1-PH



Type	Size / SW	A	B	C	Order No.
WK IK PH0	max. 0.9 Nm			175	9918460000
WK IK PH1	max. 3.8 Nm			175	9918470000
WK IK PH2	max. 5.5 Nm			175	9918480000

### WK IK PZ

VDE insulated interchangeable blades for VDE insulated torque-screwdriver  
output according to DIN 5260-PZ, ISO 8764/1-PZ



Type	Size / SW	A	B	C	Order No.
WK IK PZ0	max. 0.9 Nm			175	9918490000
WK IK PZ1	max. 3.8 Nm			175	9918500000
WK IK PZ2	max. 5.5 Nm			175	9918510000

Information





## Tools

## Tools for insulated cable lugs

Tool	Order No.	0.5 - 1.5	Type of contact 1.5 - 2.5	4.0 - 6.0
CTI 6	9006120000	●	●	●
CTI 6 S	9006210000	●	●	●
HTI 15	9014400000	●	●	●
Station		red	blue	yellow

## Crimping tools for ferrules

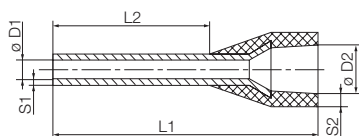
	PZ 1.5	stripax® plus 2.5	PZ 3	PZ 4	PZ 6 roto	PZ 6 HEX	PZ 6/5	PZ 16	PZ 50
	Order No.								
	9005990000	9020000000	0567300000	9012500000	9014350000	9013650000	9011460000	9012600000	9006450000
Ferrule mm <sup>2</sup>									
H 0.25	●				●	●	●		
H 0.34	●				●	●	●		
H 0.5	●	● <sup>1</sup>	●	●	●	●	●		
H 0.75	●	● <sup>1</sup>	●	●	●	●	●		
H 1.0	●	● <sup>1</sup>	●	●	●	●	●		
H 1.5	●	● <sup>1</sup>	●	●	●	●	●		
H 2.5		● <sup>1</sup>	●	●	●	●	●		
H 4.0			●	●	●	●	●		
H 6.0			●		●	●	●	●	
H 10.0								●	
H 16.0								●	
H 25.0									●
H 35.0									●
H 50.0									●

●<sup>1</sup> = ferrules in strip form only

## Twin wire end ferrules are to be crimped according to the following table:

Tool	Order No.	H 0.5	H 0.75	H 1.0	H 1.5	Ferrules H 2.5	H 4.0	H 6.0	H 10.0	H 16.0
PZ 1.5	9005990000	●	●							
PZ 3	0567300000	●	●	●	●	●				
PZ 4	9012500000	●	●	●	●	●				
PZ 6 roto	9014350000	●	●	●	●	●	●			
PZ 6/5	9011460000		●	●	●	●	●			
Station		1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	4 mm <sup>2</sup>	6 mm <sup>2</sup>			
PZ ZH 16	9013600000							●	●	●

## Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 0.14 to 150 mm<sup>2</sup> (AWG 26-300MCM)  
Tin-plated copper  
Dimensional tolerances to DIN 46228 part 4

## Weidmüller colour code

packed loose

## Ordering data

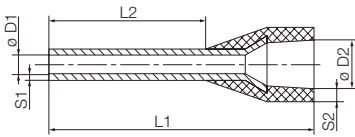
Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.25/10	0.25	24	10.0	6.0	0.8	1.8	0.15	0.25	8.0	● light blue	500	9025740000
H0.25/12	0.25	24	12.0	8.0	0.8	1.8	0.15	0.25	10.0	● light blue	500	9025760000
H0.34/10	0.34	22	10.0	6.0	0.8	2.0	0.15	0.25	8.0	● turquoise	500	9025750000
H0.34/12	0.34	22	12.0	8.0	0.8	2.0	0.15	0.25	10.0	● turquoise	500	9025770000
H0.5/12	0.50	20	12.0	6.0	1.0	2.6	0.15	0.25	8.0	● orange	500	0409500000
H0.5/14	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	● orange	500	0690700000
H0.5/16	0.50	20	16.0	10.0	1.0	2.6	0.15	0.25	12.0	● orange	500	9025870000
H0.75/12	0.75	18	12.0	6.0	1.2	2.8	0.15	0.25	8.0	○ white	500	0409600000
H0.75/14	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	○ white	500	0462900000
H0.75/16	0.75	18	16.0	10.0	1.2	2.8	0.15	0.25	12.0	○ white	500	9025860000
H0.75/18	0.75	18	18.0	12.0	1.2	2.8	0.15	0.25	14.0	○ white	500	9025910000
H1.0/12	1.00	17	12.0	6.0	1.4	3.0	0.15	0.25	8.0	● yellow	500	0409700000
H1.0/14	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	● yellow	500	0463000000
H1.0/16	1.00	17	16.0	10.0	1.4	3.0	0.15	0.25	12.0	● yellow	500	9025950000
H1.0/18	1.00	17	18.0	12.0	1.4	3.0	0.15	0.25	15.0	● yellow	500	9025930000
H1.5/14	1.50	16	14.0	8.0	1.7	3.5	0.15	0.25	10.0	● red	500	0463100000
H1.5/16	1.50	16	16.0	10.0	1.7	3.5	0.15	0.25	12.0	● red	500	0635100000
H1.5/24	1.50	16	24.0	18.0	1.7	3.5	0.15	0.25	20.0	● red	500	0565600000
H2.5/14D	2.50	14	14.0	8.0	2.2	4.2	0.15	0.25	10.0	● blue	500	9019160000
H2.5/18D	2.50	14	18.0	12.0	2.2	4.2	0.15	0.25	14.0	● blue	500	9019170000
H2.5/24D	2.50	14	24.0	18.0	2.2	4.2	0.15	0.25	20.0	● blue	500	9019180000
H4.0/17D	4.00	12	17.0	10.0	2.8	4.8	0.2	0.3	12.0	● grey	500	9019190000
H4.0/20D	4.00	12	20.0	12.0	2.8	4.8	0.2	0.3	14.0	● grey	500	9019200000
H4.0/26D	4.00	12	26.0	18.0	2.8	4.8	0.2	0.3	20.0	● grey	100	9019210000
H6.0/20	6.00	10	20.0	12.0	3.5	6.3	0.2	0.3	14.0	● black	100	0533500000
H6.0/26	6.00	10	26.0	18.0	3.5	6.3	0.2	0.3	20.0	● black	100	0565700000
H10.0/22	10.00	7	22.0	12.0	4.5	7.6	0.2	0.4	15.0	● ivory	100	0534200000
H10.0/28	10.00	7	28.0	18.0	4.5	7.6	0.2	0.4	21.0	● ivory	100	0565800000
H16.0/24	16.00	6	24.0	12.0	5.8	8.8	0.2	0.4	15.0	● green	100	0565900000
H16.0/28	16.00	6	28.0	18.0	5.8	8.8	0.2	0.4	21.0	● green	100	0566000000
H25.0/30	25.00	3	30.0	16.0	7.3	11.2	0.2	0.4	18.0	● brown	50	0317000000
H25.0/36	25.00	3	36.0	22.0	7.3	11.2	0.2	0.4	24.0	● brown	50	0317100000
H35.0/30	35.00	2	30.0	16.0	8.3	12.7	0.2	0.4	19.0	● beige	50	0317200000
H35.0/39	35.00	2	39.0	25.0	8.3	12.7	0.2	0.4	28.0	● beige	50	0317300000
H50.0/36	50.00	1	36.0	20.0	10.3	15.0	0.3	0.5	26.0	● olive green	50	0444200000
H70.0/40	70.00	2/0	37.0	20.0	12.7	16.0	0.35	0.6	26.0	● yellow	25	9028200000
H95.0/44	95.00	3/0	44.0	25.0	14.7	18.0	0.35	0.6	31.0	● red	25	9028210000
H120.0/50	120.00	4/0	50.0	30.0	16.5	21.0	0.5	0.7	36.0	● blue	25	9028220000
H150.0/54	150.00	300 MCM	54.0	32.0	18.5	23.5	0.5	0.75	38.0	● yellow	25	9028230000

## Weidmüller colour code

lin multipack bag

## Ordering data

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.14/10	0.14	26	10.0	6.0	0.6	1.5	0.15	0.25	8.0	● grey	500	9005180000
H0.14/12	0.14	26	12.0	8.0	0.6	1.5	0.15	0.25	10.0	● grey	500	9028240000
H0.25/10	0.25	24	10.0	6.0	0.8	1.8	0.15	0.25	8.0	● light blue	500	9026050000
H0.25/12	0.25	24	12.0	8.0	0.8	1.8	0.15	0.25	10.0	● light blue	500	9025780000
H0.34/10	0.34	22	10.0	6.0	0.8	2.0	0.15	0.25	8.0	● turquoise	500	9026030000
H0.34/12	0.34	22	12.0	8.0	0.8	2.0	0.15	0.25	10.0	● turquoise	500	9025790000
H0.5/10	0.50	20	10.0	6.0	1.0	2.6	0.15	0.25	8.0	● orange	500	9028260000
H0.5/14	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	● orange	500	9026060000
H0.5/16	0.50	20	16.0	10.0	1.0	2.6	0.15	0.25	12.0	● orange	500	9028270000
H0.75/12	0.75	18	12.0	6.0	1.2	2.8	0.15	0.25	8.0	○ white	500	9028280000
H0.75/14	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	○ white	500	9026070000
H0.75/16	0.75	18	16.0	10.0	1.2	2.8	0.15	0.25	12.0	○ white	500	9028290000
H0.75/18	0.75	18	18.0	12.0	1.2	2.8	0.15	0.25	14.0	○ white	500	9028300000
H1.0/12	1.00	17	12.0	6.0	1.4	3.0	0.15	0.25	8.0	● yellow	500	9028310000
H1.0/14	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	● yellow	500	9026080000
H1.0/16	1.00	17	16.0	10.0	1.4	3.0	0.15	0.25	12.0	● yellow	500	9028320000
H1.0/18	1.00	17	18.0	12.0	1.4	3.0	0.15	0.25	15.0	● yellow	500	9028340000
H1.5/14	1.50	16	14.0	8.0	1.7	3.5	0.15	0.25	10.0	● red	500	9026090000
H1.5/16	1.50	16	16.0	10.0	1.7	3.5	0.15	0.25	12.0	● red	500	9028350000
H2.5/14	2.50	14	14.0	8.0	2.2	4.2	0.15	0.25	10.0	● blue	500	9026100000
H4.0/17	4.00	12	17.0	10.0	2.8	4.8	0.2	0.3	12.0	● grey	250	9026010000



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 0.5 to 2.5 mm<sup>2</sup> (AWG 22-14)  
 Tin-plated copper  
 Dimensional tolerances to DIN 46228 part 4

### Weidmüller colour code

#### Strip of wire end ferrules

### Ordering data

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/14	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	● orange	500	9004270000
H0.75/14	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	○ white	500	9004290000
H1.0/14	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	● yellow	500	9004320000
H1.5/14	1.50	16	14.0	8.0	1.7	3.2	0.15	0.25	10.0	● red	500	9004340000
H2.5/14D	2.50	14	14.0	8.0	2.2	4.0	0.15	0.25	11.0	● blue	500	9004360000

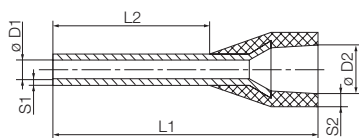
### Weidmüller colour code

#### Reel of wire end ferrules

### Ordering data

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.34/12	0.34	22	12.0	8.0	0.8	2.0	0.15	0.25	10.0	● turquoise	5000	9004390000
H0.5/14	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	● orange	5000	9005810000
H0.75/14	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	○ white	5000	9005820000
H1.0/14	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	11.0	● yellow	5000	9005830000
H1.5/14	1.50	16	14.0	8.0	1.7	3.2	0.15	0.25	10.0	● red	5000	9005840000
H2.5/14D	2.50	14	14.0	8.0	2.2	4.0	0.15	0.25	11.0	● blue	3000	9005850000

## Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 0.5 to 50 mm<sup>2</sup> (AWG 20-1)  
Tin-plated copper  
Dimensional tolerances to DIN 46228 part 4

## DIN colour code

packed loose

## Ordering data

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	VG*	Qty.	Order No.
H0.5/12D	0.50	20	12.0	6.0	1.0	2.6	0.15	0.25	8.0	○ white	T 20A 001 A	500	9019000000
H0.5/14D	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	○ white	T 20A 002 A	500	9019010000
H0.5/16D	0.50	20	16.0	10.0	1.0	2.6	0.15	0.25	12.0	○ white	T 20A 003 A	500	9019020000
H0.75/12D	0.75	18	12.0	6.0	1.2	2.8	0.15	0.25	8.0	● grey	T 20A 004 A	500	9019030000
H0.75/14D	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	● grey	T 20A 005 A	500	9019040000
H0.75/16D	0.75	18	16.0	10.0	1.2	2.8	0.15	0.25	12.0	● grey	T 20A 006 A	500	9019050000
H0.75/18D	0.75	18	18.0	12.0	1.2	2.8	0.15	0.25	14.0	● grey	T 20A 007 A	500	9019060000
H1.0/12D	1.00	17	12.0	6.0	1.4	3.0	0.15	0.25	8.0	● red	T 20A 008 A	500	9019070000
H1.0/14D	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	● red	T 20A 009 A	500	9019080000
H1.0/16D	1.00	17	16.0	10.0	1.4	3.0	0.15	0.25	12.0	● red	T 20A 010 A	500	9019100000
H1.0/18D	1.00	17	18.0	12.0	1.4	3.0	0.15	0.25	15.0	● red	T 20A 011 A	500	9019110000
H1.5/14D	1.50	16	14.0	8.0	1.7	3.5	0.15	0.25	10.0	● black	T 20A 012 A	500	9019120000
H1.5/16D	1.50	16	16.0	10.0	1.7	3.5	0.15	0.25	12.0	● black	T 20A 013 A	500	9019130000
H1.5/18D	1.50	16	18.0	12.0	1.7	3.5	0.15	0.25	15.0	● black	T 20A 014 A	500	9019140000
H1.5/24D	1.50	16	24.0	18.0	1.7	3.5	0.15	0.25	20.0	● black	T 20A 015 A	500	9019150000
H2.5/14D	2.50	14	14.0	8.0	2.2	4.2	0.15	0.25	10.0	● blue	T 20A 016 A	500	9019160000
H2.5/18D	2.50	14	18.0	12.0	2.2	4.2	0.15	0.25	14.0	● blue	T 20A 017 A	500	9019170000
H2.5/24D	2.50	14	24.0	18.0	2.2	4.2	0.15	0.25	20.0	● blue	T 20A 018 A	500	9019180000
H4.0/17D	4.00	12	17.0	10.0	2.8	4.8	0.2	0.3	12.0	● grey	T 20A 019 A	500	9019190000
H4.0/20D	4.00	12	20.0	12.0	2.8	4.8	0.2	0.3	14.0	● grey	T 20A 020 A	500	9019200000
H4.0/26D	4.00	12	26.0	18.0	2.8	4.8	0.2	0.3	20.0	● grey	T 20A 021 A	100	9019210000
H6.0/20D	6.00	10	20.0	12.0	3.5	6.3	0.2	0.3	14.0	● yellow	T 20A 022 A	100	9019220000
H6.0/26D	6.00	10	26.0	18.0	3.5	6.3	0.2	0.3	20.0	● yellow	T 20A 023 A	100	9019230000
H10.0/22D	10.00	7	22.0	12.0	4.5	7.6	0.2	0.4	15.0	● red	T 20A 024 A	100	9019240000
H10.0/28D	10.00	7	28.0	18.0	4.5	7.6	0.2	0.4	21.0	● red	T 20A 025 A	100	9019250000
H16.0/24D	16.00	6	24.0	12.0	5.8	8.8	0.2	0.4	15.0	● blue	T 20A 026 A	100	9019260000
H16.0/28D	16.00	6	28.0	18.0	5.8	8.8	0.2	0.4	21.0	● blue	T 20A 027 A	100	9019270000
H25.0/30D	25.00	3	30.0	16.0	7.3	11.2	0.2	0.4	18.0	● yellow	T 20A 028 A	50	9019280000
H25.0/36D	25.00	3	36.0	22.0	7.3	11.2	0.2	0.4	24.0	● yellow	T 20A 030 A	50	9019300000
H35.0/30D	35.00	2	30.0	18.0	8.3	12.7	0.2	0.4	21.0	● red	T 20A 032 A	50	9019320000
H35.0/30D	35.00	2	30.0	16.0	8.3	12.7	0.2	0.4	19.0	● red	T 20A 031 A	50	9019310000
H35.0/39D	35.00	2	39.0	25.0	8.3	12.7	0.2	0.4	28.0	● red	T 20A 033 A	50	9019330000
H50.0/36D	50.00	1	36.0	20.0	10.3	15.0	0.3	0.5	26.0	● blue	T 20A 034 A	50	9019340000
H50.0/40D	50.00	1	40.0	25.0	10.3	15.0	0.3	0.5	31.0	● blue	T 20A 035 A	50	9019350000

## DIN colour code

lin multipack bag

## Ordering data

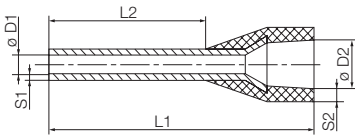
Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	VG*	Qty.	Order No.
H0.5/14D	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	○ white	T 20A 002 A	500	9019400000
H0.75/14D	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	● grey	T 20A 005 A	500	9019410000
H1.0/14D	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	● red	T 20A 009 A	500	9019420000
H1.5/14D	1.50	16	14.0	8.0	1.7	3.5	0.15	0.25	10.0	● black	T 20A 012 A	500	9019430000
H1.5/24D	1.50	16	24.0	18.0	1.7	3.5	0.15	0.25	20.0	● black	T 20A 015 A	500	9004140000
H2.5/14	2.50	14	14.0	8.0	2.2	4.2	0.15	0.25	10.0	● blue		500	9026100000
H4.0/17	4.00	12	17.0	10.0	2.8	4.8	0.2	0.3	12.0	● grey		250	9026010000

## DIN colour code

Strip of wire end ferrules

## Ordering data

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	VG*	Qty.	Order No.
H0.5/14D	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	○ white	T 20A 002 A	500	9004280000
H0.75/14D	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	● grey	T 20A 005 A	500	9004300000
H1.0/14D	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	● red	T 20A 009 A	500	9004330000
H1.5/14D	1.50	16	14.0	8.0	1.7	3.2	0.15	0.25	10.0	● black	T 20A 012 A	500	9004350000
H2.5/14D	2.50	14	14.0	8.0	2.2	4.0	0.15	0.25	11.0	● blue	T 20A 016 A	500	9004360000



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 0.5 to 2.5 mm<sup>2</sup> (AWG 20-14)  
 Tin-plated copper  
 Dimensional tolerances to DIN 46228 part 4

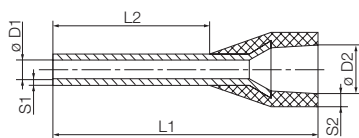
### DIN colour code

#### Reel of wire end ferrules

### Ordering data

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	VG*	Qty.	Order No.
H0.5/14D	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	○ white		5000	9005860000
H0.75/14	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	● grey		5000	9005870000
H1.0/14D	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	11.0	● red		5000	9005880000
H1.5/14D	1.50	16	14.0	8.0	1.7	3.2	0.15	0.25	10.0	● black		5000	9005890000
H2.5/14D	2.50	14	14.0	8.0	2.2	4.0	0.15	0.25	11.0	● blue		3000	9005850000

## Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 0.14 to 25 mm<sup>2</sup> (AWG 26-3)  
Tin-plated copper  
Dimensional tolerances to DIN 46228 part 4

## other colour code

packed loose

## Ordering data

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.25/10T	0.25	24	10.0	6.0	0.8	1.8	0.15	0.25	8.0	● yellow	500	9021010000
H0.25/12T	0.25	24	12.0	8.0	0.8	1.8	0.15	0.25	10.0	● yellow	500	9021020000
H0.5/12D	0.50	20	12.0	6.0	1.0	2.6	0.15	0.25	8.0	○ white	500	9019000000
H0.5/14D	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	○ white	500	9019010000
H0.5/16D	0.50	20	16.0	10.0	1.0	2.6	0.15	0.25	12.0	○ white	500	9019020000
H0.75/12T	0.75	18	12.0	6.0	1.2	2.8	0.15	0.25	8.0	● light blue	500	9021030000
H0.75/14	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	● light blue	500	9021040000
H0.75/16T	0.75	18	16.0	10.0	1.2	2.8	0.15	0.25	12.0	● light blue	500	9021050000
H0.75/18T	0.75	18	18.0	12.0	1.2	2.8	0.15	0.25	14.0	● light blue	500	9021060000
H1.0/12D	1.00	17	12.0	6.0	1.4	3.0	0.15	0.25	8.0	● red	500	9019070000
H1.0/14D	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	● red	500	9019080000
H1.0/16D	1.00	17	16.0	10.0	1.4	3.0	0.15	0.25	12.0	● red	500	9019100000
H1.0/18D	1.00	17	18.0	12.0	1.4	3.0	0.15	0.25	15.0	● red	500	9019110000
H1.5/14D	1.50	16	14.0	8.0	1.7	3.5	0.15	0.25	10.0	● black	500	9019120000
H1.5/16D	1.50	16	16.0	10.0	1.7	3.5	0.15	0.25	12.0	● black	500	9019130000
H1.5/18D	1.50	16	18.0	12.0	1.7	3.5	0.15	0.25	15.0	● black	500	9019140000
H1.5/24D	1.50	16	24.0	18.0	1.7	3.5	0.15	0.25	20.0	● black	500	9019150000
H2.5/14T	2.50	14	14.0	8.0	2.2	4.2	0.15	0.25	10.0	● grey	500	9021070000
H2.5/18T	2.50	14	18.0	12.0	2.2	4.2	0.15	0.25	14.0	● grey	500	9021080000
H2.5/24T	2.50	14	24.0	18.0	2.2	4.2	0.15	0.25	20.0	● grey	500	9021090000
H4.0/17T	4.00	12	17.0	10.0	2.8	4.8	0.2	0.3	12.0	● orange	500	9021100000
H4.0/20T	4.00	12	20.0	12.0	2.8	4.8	0.2	0.3	14.0	● orange	500	9021110000
H4.0/26T	4.00	12	26.0	18.0	2.8	4.8	0.2	0.3	20.0	● orange	100	9021120000
H6.0/20T	6.00	10	20.0	12.0	3.5	6.3	0.2	0.3	14.0	● green	100	9021130000
H6.0/26T	6.00	10	26.0	18.0	3.5	6.3	0.2	0.3	20.0	● green	100	9021140000
H10.0/22T	10.00	7	22.0	12.0	4.5	7.6	0.2	0.4	15.0	● brown	100	9021150000
H10.0/28T	10.00	7	28.0	18.0	4.5	7.6	0.2	0.4	21.0	● brown	100	9021160000
H16.0/24T	16.00	6	24.0	12.0	5.8	8.8	0.2	0.4	15.0	○ white	100	9021170000
H16.0/28T	16.00	6	28.0	18.0	5.8	8.8	0.2	0.4	21.0	○ white	100	9021180000
H25.0/30T	25.00	3	30.0	16.0	7.3	11.2	0.2	0.4	18.0	● black	50	9021190000
H25.0/36T	25.00	3	36.0	22.0	7.3	11.2	0.2	0.4	24.0	● black	50	9021200000

## other colour code

lin multipack bag

## Ordering data

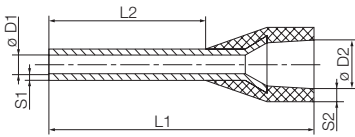
Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.14/10T	0.14	26	10.0	6.0	0.6	1.5	0.15	0.25	8.0	● brown	500	9028250000
H0.25/10T	0.25	24	10.0	6.0	0.8	1.8	0.15	0.25	8.0	● yellow	500	9021210000
H0.25/12T	0.25	24	12.0	8.0	0.8	1.8	0.15	0.25	10.0	● yellow	500	9021220000
H0.5/14D	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	○ white	500	9019400000
H0.75/14T	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	● light blue	500	9021230000
H1.0/14D	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	● red	500	9019420000
H1.5/14D	1.50	16	14.0	8.0	1.7	3.5	0.15	0.25	10.0	● black	500	9019430000
H1.5/24D	1.50	16	24.0	18.0	1.7	3.5	0.15	0.25	20.0	● black	500	9004140000
H2.5/14T	2.50	14	14.0	8.0	2.2	4.2	0.15	0.25	10.0	● grey	500	9021240000
H4.0/17T	4.00	12	17.0	10.0	2.8	4.8	0.2	0.3	12.0	● orange	250	9021250000

## other colour code

Strip of wire end ferrules

## Ordering data

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/14D	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	○ white	500	9004280000
H0.75/14T	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	● light blue	500	9004310000
H1.0/14D	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	10.0	● red	500	9004330000
H1.5/14D	1.50	16	14.0	8.0	1.7	3.2	0.15	0.25	10.0	● black	500	9004350000
H2.5/14T	2.50	14	14.0	8.0	2.2	4.0	0.15	0.25	11.0	● grey	500	9004370000



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 0.5 to 2.5 mm<sup>2</sup> (AWG 20-14)  
Tin-plated copper  
Dimensional tolerances to DIN 46228 part 4

### other colour code

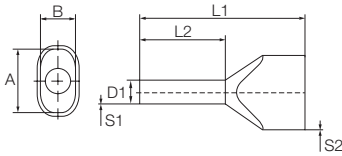
#### Reel of wire end ferrules

### Ordering data

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/14D	0.50	20	14.0	8.0	1.0	2.6	0.15	0.25	10.0	○ white	5000	9005860000
H0.75/14T	0.75	18	14.0	8.0	1.2	2.8	0.15	0.25	10.0	● light blue	5000	9005900000
H1.0/14D	1.00	17	14.0	8.0	1.4	3.0	0.15	0.25	11.0	● red	5000	9005880000
H1.5/14D	1.50	16	14.0	8.0	1.7	3.2	0.15	0.25	10.0	● black	5000	9005890000
H2.5/14T	2.50	14	14.0	8.0	2.2	4.0	0.15	0.25	11.0	● grey	3000	9005910000



## Twin-wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 2 x 0,5-2 x 16 mm<sup>2</sup> (2 x AWG 20-2 x AWG 6)  
Tin-plated copper  
Dimensional tolerances to DIN 46228 part 4

## Weidmüller colour code

packed loose

## Ordering data

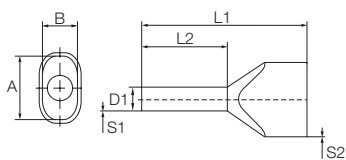
Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/15	0.50	20	15.0	8.0	1.4		0.15	0.3	11.0	● orange	500	9037200000
H0.5/16.5	0.50	20	16.0	10.0	1.4		0.15	0.3	13.0	● orange	500	9037210000
H0.5/18.5	0.50	20	19.0	12.0	1.4		0.15	0.3	15.0	● orange	500	9037220000
H0.75/15	0.75	18	15.0	8.0	1.7		0.15	0.3	11.0	○ white	500	9037230000
H0.75/17	0.75	18	17.0	10.0	1.7		0.15	0.3	13.0	○ white	500	9037240000
H0.75/19S	0.75	18	19.0	12.0	1.4		0.15	0.3	21.0	○ white	500	9202820000
H0.75/24.5	0.75	18	24.0	18.0	1.7		0.15	0.3	21.0	○ white	500	9037250000
H1.0/15	1.00	17	15.0	8.0	2.0		0.15	0.3	12.0	● yellow	500	9037260000
H1.0/15S	1.00	17	16.0	8.0	2.2		0.15	0.3	12.0	● yellow	500	9018690000
H1.0/20	1.00	17	19.0	12.0	2.0		0.15	0.3	16.0	● yellow	500	9037270000
H1.0/25.6	1.00	17	25.0	18.0	2.0		0.15	0.3	22.0	● yellow	500	9037280000
H1.5/16	1.50	16	16.0	8.2	2.2		0.15	0.3	11.0	● red	500	9037290000
H1.5/20	1.50	16	20.0	12.0	2.2		0.15	0.3	15.0	● red	500	9037300000
H1.5/25.6	1.50	16	26.0	18.0	2.2		0.15	0.3	21.0	● red	100	9037310000
H2.5/18.5D	2.50	14	19.0	10.0	2.8		0.15	0.4	13.0	● blue	500	9037500000
H2.5/20.5D	2.50	14	21.0	12.0	2.8		0.15	0.4	15.0	● blue	100	9037510000
H2.5/26.5D	2.50	14	27.0	18.0	2.8		0.15	0.4	21.0	● blue	100	9037520000
H4.0/22D	4.00	12	22.0	12.0	3.5		0.2	0.5	15.0	● grey	100	9037530000
H4.0/28D	4.00	12	28.0	18.0	3.5		0.2	0.5	21.0	● grey	100	9037540000
H6.0/25	6.00	10	25.0	12.0	4.5		0.2	0.5	20.0	● black	100	9037320000
H6.0/29	6.00	10	29.0	18.0	4.5		0.2	0.5	24.0	● black	100	9037330000
H10.0/24S	10.00	7	24.0	12.0	6.5		0.2	0.5	17.0	● ivory	100	9018860000
H10.0/26	10.00	7	24.0	12.0	5.8		0.2	0.5	17.0	● ivory	100	9037340000
H10.0/30	10.00	7	30.0	18.0	5.8		0.2	0.5	23.0	● ivory	100	9037350000
H10.0/30S	10.00	7	30.0	18.0	6.5		0.2	0.5	23.0	● ivory	100	9018870000
H16.0/29	16.00	6	29.0	16.0	8.3		0.3	0.6	20.0	● green	50	9037360000
H16.0/38	16.00	6	38.0	25.0	8.3		0.3	0.6	29.0	● green	50	9037370000

## Weidmüller colour code

lin multipack bag

## Ordering data

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/15	0.50	20	15.0	8.0	1.4		0.15	0.3	11.0	● orange	500	9004440000
H0.75/15	0.75	18	15.0	8.0	1.7		0.15	0.3	11.0	○ white	500	9018510000
H0.75/17	0.75	18	17.0	10.0	1.7		0.15	0.3	13.0	○ white	500	9004900000
H1.0/15	1.00	17	15.0	8.0	2.0		0.15	0.3	12.0	● yellow	500	9018530000
H1.0/15S	1.00	17	16.0	8.0	2.2		0.15	0.3	12.0	● yellow	500	9018650000
H1.0/20	1.00	17	19.0	12.0	2.0		0.15	0.3	16.0	● yellow	500	9004910000
H1.5/16	1.50	16	16.0	8.2	2.2		0.15	0.3	11.0	● red	500	9004410000
H1.5/20	1.50	16	20.0	12.0	2.2		0.15	0.3	15.0	● red	500	9004920000
H2.5/18.5D	2.50	14	19.0	10.0	2.8		0.15	0.4	13.0	● blue	250	9004430000
H2.5/20.5D	2.50	14	21.0	12.0	2.8		0.15	0.4	15.0	● blue	250	9004740000
H4.0/22D	4.00	12	22.0	12.0	3.5		0.2	0.5	15.0	● grey	100	9004730000
H6.0/25	6.00	10	25.0	12.0	4.5		0.2	0.5	20.0	● black	100	9004930000
H10.0/26	10.00	7	24.0	12.0	5.8		0.2	0.5	17.0	● ivory	100	9004940000



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 2 x 0,5-2 x 16 mm<sup>2</sup> (2 x AWG 20-2 x AWG 6)  
 Tin-plated copper  
 Dimensional tolerances to DIN 46228 part 4

**DIN colour code**

packed loose

**Ordering data**

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/15D	0.50	20	15.0	8.0	1.4		0.15	0.3	11.0	○ white	500	9037380000
H0.5/16.5D	0.50	20	16.0	10.0	1.4		0.15	0.3	13.0	○ white	500	9037390000
H0.5/18.4D	0.50	20	19.0	12.0	1.4		0.15	0.3	15.0	○ white	500	9037400000
H0.75/15D	0.75	18	15.0	8.0	1.7		0.15	0.3	11.0	● grey	500	9037410000
H0.75/17D	0.75	18	17.0	10.0	1.7		0.15	0.3	13.0	● grey	500	9037420000
H0.75/19DS	0.75	18	19.0	12.0	1.4		0.15	0.3	21.0	● grey	500	9202830000
H0.75/24.5D	0.75	18	24.0	18.0	1.7		0.15	0.3	21.0	● grey	500	9037430000
H1.0/15D	1.00	17	16.0	8.0	2.2		0.15	0.3	12.0	● red	500	9037440000
H1.0/20D	1.00	17	19.0	12.0	2.0		0.15	0.3	16.0	● red	500	9037450000
H1.0/25.6D	1.00	17	25.0	18.0	2.0		0.15	0.3	22.0	● red	500	9037460000
H1.5/16D	1.50	16	16.0	8.0	2.2		0.15	0.3	11.0	● black	500	9037470000
H1.5/20D	1.50	16	20.0	12.0	2.2		0.15	0.3	15.0	● black	500	9037480000
H1.5/25.6D	1.50	16	26.0	18.0	2.2		0.15	0.3	21.0	● black	100	9037490000
H2.5/18.5D	2.50	14	19.0	10.0	2.8		0.15	0.4	13.0	● blue	500	9037500000
H2.5/20.5D	2.50	14	21.0	12.0	2.8		0.15	0.4	15.0	● blue	100	9037510000
H2.5/26.5D	2.50	14	27.0	18.0	2.8		0.15	0.4	21.0	● blue	100	9037520000
H4.0/22D	4.00	12	22.0	12.0	3.5		0.2	0.5	15.0	● grey	100	9037530000
H4.0/28D	4.00	12	28.0	18.0	3.5		0.2	0.5	21.0	● grey	100	9037540000
H6.0/25D	6.00	10	25.0	12.0	4.5		0.2	0.5	20.0	● yellow	100	9037550000
H6.0/29D	6.00	10	29.0	18.0	4.5		0.2	0.5	24.0	● yellow	100	9037560000
H10.0/24DS	10.00	7	24.0	12.0	6.5		0.2	0.5	17.0	● red	100	9018880000
H10.0/26D	10.00	7	24.0	12.0	5.8		0.2	0.5	17.0	● red	100	9037570000
H10.0/30D	10.00	7	30.0	18.0	5.8		0.2	0.5	23.0	● red	100	9037580000
H10.0/30DS	10.00	7	30.0	18.0	6.5		0.2	0.5	23.0	● red	100	9018890000
H16.0/29D	16.00	6	29.0	16.0	8.3		0.3	0.6	20.0	● blue	50	9037590000
H16.0/38D	16.00	6	38.0	25.0	8.3		0.3	0.6	29.0	● blue	50	9037600000

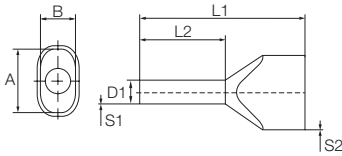
**DIN colour code**

lin multipack bag

**Ordering data**

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/15D	0.50	20	15.0	8.0	1.4		0.15	0.3	11.0	○ white	500	9004780000
H0.75/15D	0.75	18	15.0	8.0	1.7		0.15	0.3	11.0	● grey	500	9018520000
H0.75/17D	0.75	18	17.0	10.0	1.7		0.15	0.3	13.0	● grey	500	9004770000
H1.0/15D	1.00	17	16.0	8.0	2.2		0.15	0.3	12.0	● red	500	9018540000
H1.0/20D	1.00	17	19.0	12.0	2.0		0.15	0.3	16.0	● red	500	9004760000
H1.5/16D	1.50	16	16.0	8.0	2.2		0.15	0.3	11.0	● black	500	9004420000
H1.5/20D	1.50	16	20.0	12.0	2.2		0.15	0.3	15.0	● black	500	9004750000
H2.5/18.5D	2.50	14	19.0	10.0	2.8		0.15	0.4	13.0	● blue	250	9004430000
H2.5/20.5D	2.50	14	21.0	12.0	2.8		0.15	0.4	15.0	● blue	250	9004740000
H4.0/22D	4.00	12	22.0	12.0	3.5		0.2	0.5	15.0	● grey	100	9004730000
H6.0/25D	6.00	10	25.0	12.0	4.5		0.2	0.5	20.0	● yellow	100	9004720000
H10.0/26D	10.00	7	24.0	12.0	5.8		0.2	0.5	17.0	● red	100	9004710000

## Twin-wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 2 x 0,5-2 x 16 mm<sup>2</sup> (2 x AWG 20-2 x AWG 6)  
Tin-plated copper  
Dimensional tolerances to DIN 46228 part 4

## other colour code

packed loose

## Ordering data

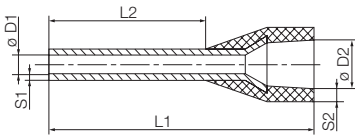
Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/15	0.50	20	15.0	8.0	1.4		0.15	0.3	11.0	● orange	500	9037200000
H0.5/16.5	0.50	20	16.0	10.0	1.4		0.15	0.3	13.0	● orange	500	9037210000
H0.5/18.5	0.50	20	19.0	12.0	1.4		0.15	0.3	15.0	● orange	500	9037220000
H0.75/15T	0.75	18	15.0	8.0	1.7		0.15	0.3	11.0	● light blue	500	9037610000
H0.75/17T	0.75	18	17.0	10.0	1.7		0.15	0.3	13.0	● light blue	500	9037620000
H0.75/19TS	0.75	18	19.0	12.0	1.4		0.15	0.3	21.0	● light blue	500	9202840000
H0.75/24.5T	0.75	18	24.0	18.0	1.7		0.15	0.3	21.0	● light blue	500	9037630000
H1.0/15D	1.00	17	16.0	8.0	2.2		0.15	0.3	12.0	● red	500	9037440000
H1.0/20D	1.00	17	19.0	12.0	2.0		0.15	0.3	16.0	● red	500	9037450000
H1.0/25.6D	1.00	17	25.0	18.0	2.0		0.15	0.3	22.0	● red	500	9037460000
H1.5/16D	1.50	16	16.0	8.0	2.2		0.15	0.3	11.0	● black	500	9037470000
H1.5/20D	1.50	16	20.0	12.0	2.2		0.15	0.3	15.0	● black	500	9037480000
H1.5/25.6D	1.50	16	26.0	18.0	2.2		0.15	0.3	21.0	● black	100	9037490000
H2.5/18.5T	2.50	14	19.0	10.0	2.8		0.15	0.4	13.0	● grey	500	9037640000
H2.5/20.5T	2.50	14	21.0	12.0	2.8		0.15	0.4	15.0	● grey	100	9037650000
H2.5/26.5T	2.50	14	27.0	18.0	2.8		0.15	0.4	21.0	● grey	100	9037660000
H4.0/22T	4.00	12	22.0	12.0	3.5		0.2	0.5	15.0	● orange	100	9037670000
H4.0/28T	4.00	12	28.0	18.0	3.5		0.2	0.5	21.0	● orange	100	9037680000
H6.0/25T	6.00	10	25.0	12.0	4.5		0.2	0.5	20.0	● green	100	9037690000
H6.0/29T	6.00	10	29.0	18.0	4.5		0.2	0.5	24.0	● green	100	9037700000
H10.0/26T	10.00	7	24.0	12.0	5.8		0.2	0.5	17.0	● brown	100	9037710000
H10.0/30T	10.00	7	30.0	18.0	5.8		0.2	0.5	23.0	● brown	100	9037720000
H16.0/19T	16.00	6	29.0	16.0	8.3		0.3	0.6	20.0	○ white	50	9037730000
H16.0/38T	16.00	6	38.0	25.0	8.3		0.3	0.6	29.0	○ white	50	9037740000

## other colour code

lin multipack bag

## Ordering data

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.75/17T	0.75	18	17.0	10.0	1.7		0.15	0.3	13.0	● light blue	500	9005140000
H1.0/15D	1.00	17	16.0	8.0	2.2		0.15	0.3	12.0	● red	500	9018540000
H1.0/20D	1.00	17	19.0	12.0	2.0		0.15	0.3	16.0	● red	500	9004760000
H1.5/16D	1.50	16	16.0	8.0	2.2		0.15	0.3	11.0	● black	500	9004420000
H1.5/20D	1.50	16	20.0	12.0	2.2		0.15	0.3	15.0	● black	500	9004750000
H2.5/18.5T	2.50	14	19.0	10.0	2.8		0.15	0.4	13.0	● grey	250	9018580000
H2.5/20.5	2.50	14	21.0	12.0	2.8		0.15	0.4	15.0	● grey	250	9005150000
H4.0/22T	4.00	12	22.0	12.0	3.5		0.2	0.5	15.0	● orange	100	9018590000
H6.0/25T	6.00	10	25.0	12.0	4.5		0.2	0.5	20.0	● green	100	9005160000
H10.0/26T	10.00	7	24.0	12.0	5.8		0.2	0.5	17.0	● brown	100	9005170000



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 1.5 to 16 mm<sup>2</sup> (AWG 16-6)  
 Tin-plated copper  
 Dimensional tolerances to DIN 46228 part 4

**Weidmüller colour code**

packed loose

**Ordering data**

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H1.5/24 XS	1.50	16	24.0	18.0	1.8	6.8	0.15	0.3	20.0	● black	100	9202870000
H2.5/24 XS	2.50	14	24.0	18.0	2.3	7.6	0.15	0.3	20.0	● blue	100	9202880000

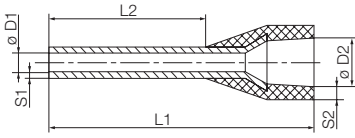
**Weidmüller colour code**

lin multipack bag

**Ordering data**

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H1.5/17.5X	1.50	16	17.5	8.0	1.8	6.8	0.15	0.3	13.0	● black	100	9006590000
H1.5/19.5X	1.50	16	19.5	10.0	1.8	6.8	0.15	0.3	15.0	● black	100	9006630000
H2.5/17.5X	2.50	14	17.5	8.0	2.3	7.6	0.15	0.3	14.0	● blue	100	9006670000
H2.5/21.5X	2.50	14	21.5	12.0	2.3	7.6	0.15	0.3	17.0	● blue	100	9006710000
H4.0/19.5X	4.00	12	19.5	10.0	2.9	7.8	0.2	0.3	14.0	● grey	100	9006750000
H6.0/23.0X	6.00	10	23.0	12.0	3.6	8.1	0.2	0.3	17.0	● yellow	100	9006790000
H10.0/24.5X	10.00	7	24.0	12.0	4.6	9.6	0.2	0.3	17.0	● red	100	9006830000
H16.0/25.5X	16.00	6	25.5	12.0	6.0	11.9	0.2	0.3	26.0	● blue	100	9006870000

## Wire end ferrules with plastic collar, special sizes



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a not readily flammable material on request

For conductors from 0.5 to 2.5 mm<sup>2</sup> (AWG 20-14)  
Tin-plated copper  
Dimensional tolerances to DIN 46228 part 4

## Weidmüller colour code

packed loose

## Ordering data

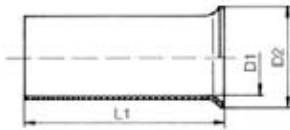
Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.5/14S	0.50	20	14.0	8.0	1.0	2.9	0.15	0.25	10.0	● orange	500	9004560000
H0.5/14S	0.50	20	14.0	8.0	1.0	2.9	0.15	0.25	10.0	○ white	500	9004590000
H0.5/16DS	0.50	20	16.0	10.0	1.0	2.9	0.15	0.25	12.0	○ white	500	9202910000
H0.5/16S	0.50	20	16.0	10.0	1.0	2.9	0.15	0.25	12.0	● orange	500	9202900000
H0.75/14S	0.75	18	14.0	8.0	1.2	3.4	0.15	0.25	10.0	○ white	500	9025960000
H0.75/14TS	0.75	18	14.0	8.0	1.2	3.4	0.15	0.25	10.0	● light blue	500	9018550000
H1.0/14S	1.00	17	14.0	8.0	1.4	3.5	0.15	0.25	10.0	● yellow	500	9025970000
H1.0/14S	1.00	17	14.0	8.0	1.4	3.5	0.15	0.25	10.0	● red	500	9018560000
H1.5/12S	1.50	16	12.0	6.0	1.7	3.5	0.15	0.25	8.0	● red	500	9025690000
H1.5/14S	1.50	16	14.0	8.0	1.7	3.9	0.15	0.25	10.0	● red	500	9025980000
H1.5/14S	1.50	16	14.0	8.0	1.7	3.9	0.15	0.25	10.0	● black	500	9025240000
H2.5/12DS	2.50	14	12.0	6.0	2.2	4.2	0.15	0.25	8.0	● blue	500	9028490000
H2.5/12TS	2.50	14	12.0	6.0	2.2	4.2	0.15	0.25	8.0	● grey	500	9036200000
H2.5/14S	2.50	14	14.0	8.0	2.2	4.0	0.15	0.25	10.0	● blue	500	1333100000
H2.5/14TS	2.50	14	14.0	8.0	2.2	4.0	0.15	0.25	10.0	● grey	500	9426770000
H2.5/16DS	2.50	14	16.0	10.0	2.2	4.2	0.15	0.25	13.0	● blue	500	9036220000

## Weidmüller colour code

lin multipack bag

## Ordering data

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.75/14S	0.75	18	14.0	8.0	1.2	3.4	0.15	0.25	10.0	○ white	500	9025700000
H1.0/14S	1.00	17	14.0	8.0	1.4	3.5	0.15	0.25	10.0	● yellow	500	9025710000
H1.5/14DS	1.50	16	14.0	8.0	1.7	3.9	0.15	0.25	10.0	● black	500	9028360000
H1.5/14S	1.50	16	14.0	8.0	1.7	3.9	0.15	0.25	10.0	● red	500	9025720000



For conductors 0.25-185 mm<sup>2</sup> (AWG 24-350MCM)  
Material: tin-plated copper  
Dimensional tolerances to DIN 46228 part 1

## without plastic collar

packed loose

## Ordering data

Type	ø mm <sup>2</sup>	AWG	L1	L2	D1	D2	S1	S2	Stripping length	Colour	Qty.	Order No.
H0.25/5	0.25	24	5.0		0.7	1.6			5.0		1000	9018910000
H0.5/10	0.50	20	10.0		1.0	2.1			10.0		1000	9004050000
H0.5/6	0.50	20	6.0		1.0	2.1			6.0		1000	0282600000
H0.75/10	0.75	18	10.0		1.2	2.3			10.0		1000	0542500000
H0.75/6	0.75	18	6.0		1.2	2.3			6.0		1000	0282700000
H1.0/10	1.00	17	10.0		1.4	2.5			10.0		1000	0282800000
H1.0/6	1.00	17	6.0		1.4	2.5			6.0		1000	0372600000
H1.5/7	1.50	16	7.0		1.7	2.8			7.0		1000	0372700000
H1.5/10	1.50	16	10.0		1.7	2.8			10.0		1000	0186500000
H1.5/12	1.50	16	12.0		1.7	2.8			12.0		1000	9004060000
H1.5/18	1.50	16	18.0		1.7	2.8			18.0		1000	9004070000
H2.5/7	2.50	14	7.0		2.2	3.4			7.0		1000	0373000000
H2.5/10	2.50	14	10.0		2.2	3.4			10.0		1000	9004080000
H2.5/12	2.50	14	12.0		2.2	3.4			12.0		1000	0186100000
H2.5/18	2.50	14	18.0		2.2	3.4			18.0		1000	9004090000
H4.0/9	4.00	12	9.0		2.8	4.0			9.0		500	0373100000
H4.0/15	4.00	12	15.0		2.8	4.0			15.0		500	9004100000
H4.0/12	4.00	12	12.0		2.8	4.0			12.0		1000	0244100000
H4.0/18	4.00	12	18.0		2.8	4.0			18.0		500	9004110000
H6.0/10	6.00	10	10.0		3.5	4.7			10.0		500	9004120000
H6.0/12	6.00	10	12.0		3.5	4.7			12.0		500	0191900000
H6.0/15	6.00	10	15.0		3.5	4.7			15.0		500	0124700000
H6.0/18	6.00	10	18.0		3.5	4.7			18.0		500	9004130000
H10.0/12	10.00	7	12.0		4.5	5.8			12.0		500	0282900000
H10.0/15	10.00	7	15.0		4.5	5.8			15.0		500	0124800000
H10.0/18	10.00	7	18.0		4.5	5.8			18.0		500	0379300000
H16.0/12	16.00	6	12.0		5.8	7.5			12.0		500	0492500000
H16.0/15	16.00	6	15.0		5.8	7.5			15.0		500	0124300000
H16.0/18	16.00	6	18.0		5.8	7.5			18.0		100	0375200000
H16.0/25	16.00	6	25.0		5.8	7.5			25.0		100	9004150000
H16.0/32	16.00	6	32.0		5.8	7.5			32.0		100	9004160000
H25.0/15	25.00	3	15.0		7.3	9.5			15.0		250	0124400000
H25.0/18	25.00	3	18.0		7.3	9.5			18.0		100	0375300000
H25.0/25	25.00	3	25.0		7.3	9.5			25.0		250	9004170000
H25.0/32	25.00	3	32.0		7.3	9.5			32.0		100	9004180000
H35.0/18	35.00	2	18.0		8.3	11.0			18.0		100	0368900000
H35.0/25	35.00	2	25.0		8.3	11.0			25.0		100	9004190000
H35.0/30	35.00	2	30.0		8.3	11.0			30.0		100	9451000000
H35.0/32	35.00	2	32.0		8.3	11.0			32.0		100	9004200000
H50.0/18	50.00	1	18.0		10.3	13.0			18.0		100	9004210000
H50.0/25	50.00	1	25.0		10.3	13.0			25.0		100	9025880000
H50.0/32	50.00	1	32.0		10.3	13.0			32.0		100	9004220000
H70.0/25	70.00	2/0	25.0		12.5	15.0			25.0		50	9004230000
H70.0/32	70.00	2/0	32.0		12.5	15.0			32.0		50	9004240000
H95.0/25	95.00	3/0	25.0		14.5	17.0			25.0		50	9004250000
H95.0/32	95.00	3/0	32.0		14.5	17.0			32.0		50	9004260000
H120.0/32	120.00	4/0	32.0		16.5	19.0			32.0		25	9036240000
H150.0/32	150.00	300 MCM	32.0		18.5	21.0			32.0		25	9036250000
H185.0/32	185.00	350 MCM	32.0		20.0	23.5			32.0		25	9036260000

## Insulated cable connectors, PVC, with conical cable entry



## Ring cable connector



## Ordering data

Type	Cross-section, mm <sup>2</sup>	Colour	Dimensions	Qty.	Order No.
LIR 1.5M3 V	0.5 - 1.5	●	M 3	100	9200070000
LIR 1.5M3.5 V	0.5 - 1.5	●	M 3.5	100	9200080000
LIR 1.5M4 V	0.5 - 1.5	●	M 4	100	9200090000
LIR 1.5M5 V	0.5 - 1.5	●	M 5	100	9200100000
LIR 1.5M6 V	0.5 - 1.5	●	M 6	100	9200110000
LIR 1.5M8 V	0.5 - 1.5	●	M 8	100	9200120000
LIR 2.5M3 V	1.5 - 2.5	●	M 3	100	9200150000
LIR 2.5M3.5 V	1.5 - 2.6	●	M 3.5	100	9200160000
LIR 2.5M4 V	1.5 - 2.7	●	M 4	100	9200170000
LIR 2.5M5 V	1.5 - 2.8	●	M 5	100	9200180000
LIR 2.5M6 V	1.5 - 2.9	●	M 6	100	9200190000
LIR 2.5M8 V	1.5 - 2.1	●	M 8	100	9200200000
LIR 2.5M10 V	1.5 - 2.5	●	M 10	100	9200210000
LIR 6.0M4 V	4 - 6	●	M 4	100	9200230000
LIR 6M5 V	4 - 6	●	M 5	100	9200240000
LIR 6M6 V	4 - 6	●	M 6	100	9200250000
LIR 6M8 V	4 - 6	●	M 8	100	9200260000
LIR 6.0M10 V	4 - 6	●	M 10	100	9200270000

## Fork-type cable connector



## Ordering data

Type	Cross-section, mm <sup>2</sup>	Colour	Dimensions	Qty.	Order No.
LIS 1.5M3 V	0.5 - 1.5	●	M 3	100	9200290000
LIS 1.5M3.5 V	0.5 - 1.5	●	M 3.5	100	9200300000
LIS 1.5M4 V	0.5 - 1.5	●	M 4	100	9200310000
LIS 1.5M5 V	0.5 - 1.5	●	M 5	100	9200320000
LIS 1.5M6 V	0.5 - 1.5	●	M 6	100	9200330000
LIS 2.5M3 V	1.5 - 2.5	●	M 3	100	9200350000
LIS 2.5M3.5 V	1.5 - 2.5	●	M 3.5	100	9200360000
LIS 2.5M4 V	1.5 - 2.5	●	M 4	100	9200370000
LIS 2.5M5 V	1.5 - 2.5	●	M 5	100	9200380000
LIS 2.5M6 V	1.5 - 2.5	●	M 6	100	9200390000
LIS 6.0M4 V	4 - 6	●	M 4	100	9200410000
LIS 6.0M5 V	4 - 6	●	M 5	100	9200420000
LIS 6.0M6 V	4 - 6	●	M 6	100	9200430000
LIS 6.0M8 V	4 - 6	●	M 8	100	9200440000
LIS 6.0M10 V	4 - 6	●	M 10	100	9200450000

## Pin-type cable connector

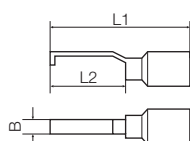


## Ordering data

Type	Cross-section, mm <sup>2</sup>	Colour	Dimensions	Qty.	Order No.
LIP 1.5R12 V	0.5 - 1.5	●	12.0	100	9200460000
LIP 2.5R12 V	1.5 - 2.5	●	12.0	100	9200470000
LIP 6.0R14 V	4 - 6	●	14.0	100	9200480000

## Hook-type cable connector

to ESI 50-18 part 2



## Ordering data

Type	Cross-section, mm <sup>2</sup>	Colour	L1	L2	L3	Qty.	Order No.
HB 1-17	0.25 - 1.5	●	27.2	16.75	4.6	100	9036290000
HB 1-13	1.0 - 2.5	●	27.2	16.75	3.0	100	9036300000



**Butt connector**



**Ordering data**

Type	Cross-section, mm <sup>2</sup>	Colour	Dimensions	Qty.	Order No.
LIB 1.5B25 VF	0,5 - 1,5	●	24,5	100	9200490000
LIB 2.5B25 VF	1,5 - 2,5	●	24,5	100	9200500000
LIB 6.0B26 VF	4 - 6	●	26,0	100	9200510000

**Flat blade receptacles**

with copper sleeve



**Ordering data**

Type	Cross-section, mm <sup>2</sup>	Colour	Dimensions	Qty.	Order No.
LIF 1.5F288 R	0,5 - 1,5	●	2,8 x 0,8 mm	100	9200520000
LIF 1.5F488 R	0,5 - 1,5	●	4,8 x 0,8 mm	100	9200530000
LIF 1.5F638 R	0,5 - 1,5	●	6,3 x 0,8 mm	100	9200540000
LIF 2.5F488 R	1,5 - 2,5	●	4,8 x 0,8 mm	100	9200550000
LIF 2.5F638 R	1,5 - 2,5	●	6,3 x 0,8 mm	100	9200560000
LIF 6.0F638 R	4 - 6	●	6,3 x 0,8 mm	100	9200570000

**Flat blade connector**

with copper sleeve



**Ordering data**

Type	Cross-section, mm <sup>2</sup>	Colour	Dimensions	Qty.	Order No.
LIF 1.5M638 R	0,5 - 1,5	●	6,3 x 0,8 mm	100	9200580000
LIF 2.5M638 R	1,5 - 2,5	●	6,3 x 0,8 mm	100	9200590000
LIF 6.0M638 R	4 - 6	●	6,3 x 0,8 mm	100	9200600000

**Flat blade receptacles. piggy-back**

with copper sleeve



**Ordering data**

Type	Cross-section, mm <sup>2</sup>	Colour	Dimensions	Qty.	Order No.
LIF 1.5T638 R	0,5 - 1,5	●	6,3 x 0,8 mm	100	9200610000
LIF 2.5T638 R	1,5 - 2,5	●	6,3 x 0,8 mm	100	9200620000
LIF 6.0T638 R	4 - 6	●	6,3 x 0,8 mm	100	9200630000

**Flat blade receptacles. full insulation**

with copper sleeve



**Ordering data**

Type	Cross-section, mm <sup>2</sup>	Colour	Dimensions	Qty.	Order No.
LIF 1.5F638 RF	0,5 - 1,5	●	6,3 x 0,8 mm	100	9200640000
LIF 2.5F638 RF	1,5 - 2,5	●	6,3 x 0,8 mm	100	9200650000
LIF 6.0F638 RF	4 - 6	●	6,3 x 0,8 mm	100	9200660000



## Insulated cable connectors, PVC, with conical cable entry



## Round plug

with copper sleeve



## Sockets for round plugs

with copper sleeve



## Ordering data

Type	Cross-section, mm <sup>2</sup>	Colour	Dimensions	Qty.	Order No.
LID 1.5M4 R	0.5 - 1.5	●	∅ 4 mm	100	9200670000
LID 2.5M5 R	1.5 - 2.5	●	∅ 5 mm	100	9200680000
LID 6.0M5 R	4 - 6	●	∅ 5 mm	100	9200690000

## Ordering data

Type	Cross-section, mm <sup>2</sup>	Colour	Dimensions	Qty.	Order No.
LID 1.5F4 RF	0.5 - 1.5	●	∅ 4 mm	100	9200700000
LID 2.5F5 RF	1.5 - 2.5	●	∅ 5 mm	100	9200710000
LID 6.0F5 RF	4 - 6	●	∅ 5 mm	100	9200720000

# Components for installations

<b>Components for installations</b>	Terminals for building installations	H.2
	Junction box terminals D-Series	H.3
	Lighting terminals D-Pack / D-Lux	H.4
	Packs	H.5
	Sets	H.6
	Eurostrips D-Strip	H.7

# Terminals for building installations

## Junction box terminals



- Suitable for rigid and stranded conductors (up to 7 strands)
- Connecting: strip conductor and push into terminal opening – finished!
- Disconnecting: twist end of conductor and terminal in opposite directions and simultaneously pull apart

## Lighting terminals



- Installation side is suitable for two rigid conductors so that the line is ready for a further loop
- Lighting side is suitable for a flexible conductor for connecting the light fitting
- Strip rigid conductors and insert into contact openings. Strip flexible conductor and open the clamping spring by squeezing the sides of the terminal. Insert the conductor and release the pressure on the sides

## Eurostrips

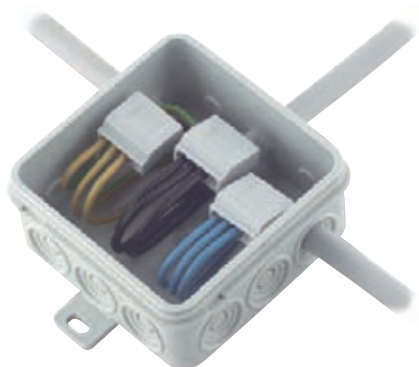


- Suitable for rigid and flexible conductors
- The 12-pole strip is easily cut into smaller pieces with the appropriate number of poles

D-Series



Installation terminals without screws



- Conductors can be removed again by twisting and pulling.
- When using aluminium conductors, we recommend using Alu-Top 30 contact paste.
- Opening for voltage tester.
- Slots on the underside for specifying the necessary stripping length.
- For connecting solid and stranded copper conductors (7 strands) with Push In technology.

Technical data

Material		
housing	Polyamide PA 66, light grey RAL 7035	
current bar	Coated electrolytic copper	
Connected load	EN 60998	for aluminium conductors <sup>1)</sup>
D1.5/2.5	450 V / 25 A	450 V / 16 A
D4.0	450 V / 35 A	450 V / 22 A
Clamping range	EN 60998	UL 486C
D1.5/2.5	0.75 ... 2.5 mm <sup>2</sup> solid	AWG 18/1 - AWG 14/1
D1.5/2.5	1.5 ... 2.5 mm <sup>2</sup> flexible (7-strand)	
D4.0	1.5 ... 4.0 mm <sup>2</sup> solid	AWG 16/1 - 12/1
D4.0	1.5 ... 4.0 mm <sup>2</sup> flexible (7-strand)	AWG 12/7
Temperature range		
when using copper conductors	-40 °C ... +100 °C	
when using aluminium conductors <sup>1)</sup>	-40 °C ... +60 °C	
temperature limit of insulating material	to UL 130°C	
Approvals		

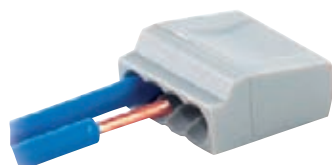
<sup>1)</sup> in conjunction with Alu-Top 30 contact paste

Conductor diameter/Clamping points

	2 clamping points	3 clamping points	4 clamping points	5 clamping points	8 clamping points
0.75 mm <sup>2</sup> – 2.5 mm <sup>2</sup>	X	X	X	X	X
1.5 mm <sup>2</sup> – 4.0 mm <sup>2</sup>		X			

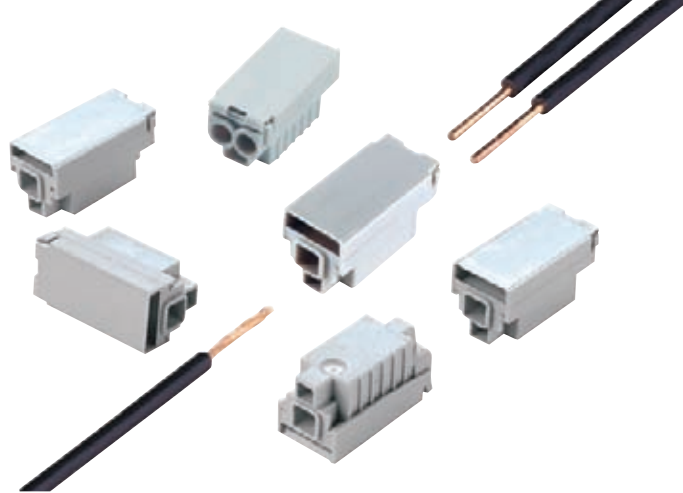
Ordering data

Accessories	Qty	Order No.
Alu-Top 30 (contact paste)	5	1778260000



## Lighting terminals D-Pack / D-Lux

### Lighting terminals D-Pack / D-Lux



- Quick, simple and secure installation of light fittings.
- Detachable connection, no tools needed.
- Two solid conductors connected on the installation side.
- One flexible conductor connected on the lighting side.
- Spring contact makes screws unnecessary
- Opening for voltage tester.
- Minimum space requirement.

H

#### Technical data

Material		
housing	Polyamide PA 66, light grey RAL 7035	
current bar	Tin-plated electrolytic copper	
Clamping range		
	<b>EN 60998</b>	<b>UL 486C</b>
installation side	2 x 1.0 – 2.5 mm <sup>2</sup> solid copper conductor	AWG 17 – 14
lighting side	1 x 0.5 – 2.5 mm <sup>2</sup> flexible copper conductor	AWG 20 – 14
Connected load		
rated current/voltage	24 A / 400 V	20 A / 600 V
rated impulse withstand voltage	4 kV	
pollution severity	2	
Temperature range		
continuous operating temperature	+105°C to UL 746B	
ambient temperature	-40 °C ... +60 °C	
Approvals		



Strip solid conductors 8-9 mm and insert into connector.



Strip flexible conductor 8-9 mm, squeeze sides of connector together and insert conductor.

**D-Packs packed in bag**

The D-Packs for small jobs



**Ordering data**

Packed in bag	Clamping points	Qty	Order No.
D-Pack D 1.5/2.5-2	2	25	1781450000
D-Pack D 1.5/2.5-3	3	25	1781460000
D-Pack D 1.5/2.5-4	4	25	1781470000
D-Pack D 1.5/2.5-5	5	25	1781480000
D-Pack D 1.5/2.5-8	8	20	1781490000
D-Pack D 4.0-3	3	20	1781500000
D-Pack D Lux2/1	2	25	1791260000

**D-Packs packed in box**

The Standard Packs for everyday jobs



**Ordering data**

Packed in box	Clamping points	Qty	Order No.
D 1.5/2.5-2	2	100	1746420000
D 1.5/2.5-3	3	100	1746430000
D 1.5/2.5-4	4	100	1746440000
D 1.5/2.5-5	5	100	1746450000
D 1.5/2.5-8	8	50	1746460000
D 4.0-3	3	50	1746470000
D Lux2/1	2	100	1774270000

**D-Packs packed in box (BigPack)**

The BigPacks with the big price advantage



**Ordering data**

Packed in box	Clamping points	Qty	Order No.
D 1.5/2.5-2 BigPack	2	1000	1858110000
D 1.5/2.5-3 BigPack	3	1000	1858060000
D 1.5/2.5-4 BigPack	4	1000	1858070000
D 1.5/2.5-5 BigPack	5	1000	1858080000
D 1.5/2.5-8 BigPack	8	500	1858090000
D 4.0-3 BigPack	3	500	1858100000
D Lux2/1 BigPack	2	1000	1858050000

Sets

**Insta-Set D plus Clamping**



**Ordering data**

Contents	Clamping points	Order No.
1 stripax® wire stripper		
200 junction box terminals D 1.5 / 2.5-3	3	
400 junction box terminals D 1.5 / 2.5-5	5	<b>1904990000</b>

**Insta-Set D plus VDE SDI screwdriver**



**Ordering data**

Contents	Clamping points	Order No.
1 Stripper round top sheathing stripper		
1 SDI 0.4 x 2.5 x 75 insulated screwdriver		
1 SDI 0.8 x 4.0 x 100 insulated screwdriver		
1 SDIK PZ 1 insulated screwdriver		
1 SDIK PZ 2 insulated screwdriver		
200 junction box terminals D 1.5 / 2.5-3	3	
400 junction box terminals D 1.5 / 2.5-5	5	<b>1905010000</b>

H

**Insta-Set D plus SD screwdriver**



**Ordering data**

Contents	Clamping points	Order No.v
1 Stripper round top sheathing stripper		
1 SD 0.4 x 2.5 x 75 screwdriver		
1 SD 0.8 x 4.0 x 100 screwdriver		
1 SDK PZ 1 screwdriver		
1 SDK PZ 2 screwdriver		
200 junction box terminals D 1.5 / 2.5-3	3	
400 junction box terminals D 1.5 / 2.5-5	5	<b>1905020000</b>

**Insta-Set D plus VDE pliers**



**Ordering data**

Contents	Clamping points	Order No.
1 KBZ 160 combination pliers		
1 SE HD 140 side-cutting pliers		
1 AIZ 160 wire stripper		
400 junction box terminals D 1.5 / 2.5-5	5	
100 junction box terminals D 1.5 / 2.5-8	8	<b>1908440000</b>

## Eurostrips D-Strip



- 12-pole terminal strip for conductor cross-sections up to 25 mm<sup>2</sup>
- Available with polyamide or polyethylene insulation.
- Captive screws, supplied open.
- Also available with wire guard.
- Various international approvals.



## Technical data

<b>Material</b>	<b>Polyamide (natural)</b>
inserts	brass, passivated
screws	steel, passivated
<b>Rated voltage</b>	
D-Strip 2.5-4/12 bis D-Strip 16/12	450 V
D-Strip 25/12	750 V
<b>Temperature range</b>	
max. ambient temperature	+85 °C / +110 °C <sup>1)</sup>
max. test temperature to EN 60998	+115 °C / +140 °C <sup>1)</sup>
<b>Approvals</b>	

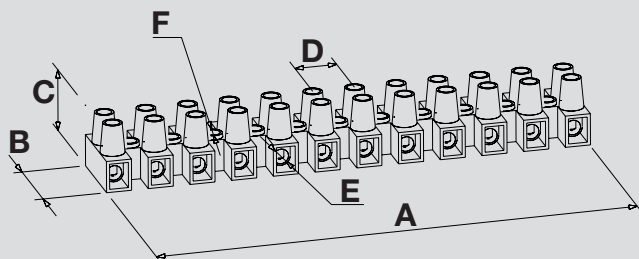
<sup>1)</sup> for D-Strip 16/12 PA and D-Strip 25/12 PA

## Ordering data

Polyamide, natural	Nom. cross-section mm <sup>2</sup>	Max. cross-section mm <sup>2</sup>	Qty	Order No.
D-Strip 2.5-4/12 PA	2.5	4.0	10	1837100000
D-Strip 4-6/12 PA	4.0	6.0	10	1837130000
D-Strip 6-10/12 PA	6.0	10.0	10	1837160000
D-Strip 16/12 PA	16.0	16.0	10	1837190000
D-Strip 25/12 PA	25.0	25.0	10	1837220000
<b>with wire guard</b>				
D-Strip 2,5/12 PA WP	2.5	2.5	10	1866640000
D-Strip 4/12 PA WP	4.0	4.0	10	1866650000
D-Strip 6/12 PA WP	6.0	6.0	10	1866660000
D-Strip 16/12 PA WP	16.0	16.0	10	1866670000

## Dimensions in mm

Type	A	B	C	D	E	F
D-Strip 2,5-4...	93.6	16.2	13.4	8.0	ø 2.8	ø 2.8
D-Strip 4-6...	117.0	18.6	15.0	10.0	ø 3.6	ø 3.5
D-Strip 6-10	133.5	22.2	17.3	11.5	ø 4.2	ø 3.6
D-Strip 16...	175.0	25.2	20.8	15.0	ø 5.8	ø 5.2
D-Strip 25...	187.3	30.0	28.0	16.0	ø 7.5	ø 4.0







# Weidmüller Service

<b>Weidmüller Service</b>	Bespoke services: best advice, best solutions	V.2
	Overview of services	V.3
	Digital support: RailDesigner®, M-Print® PRO, Online catalogue	V.6

## Best advice, best solutions

### Services tailored to customers' needs

Service – at Weidmüller that means diversity. And it also means that you can take advantage of our comprehensive resources:

- Production of terminal rails and enclosures fitted with our modular terminals and other modules, and prewired
- Fitting of cable glands and the marking of terminals, conductors and enclosures according to your specification
- Competence in the processing of enclosure materials such as aluminium, plastics, sheet steel and stainless steel
- Flexibility in the product selection: besides Weidmüller products we can also integrate yours and even those of other manufacturers

This range of services enables Weidmüller to act as an external service provider to increase your capacities. And demanding standards guarantee a high level of quality every time.

### The best advice for the best solutions

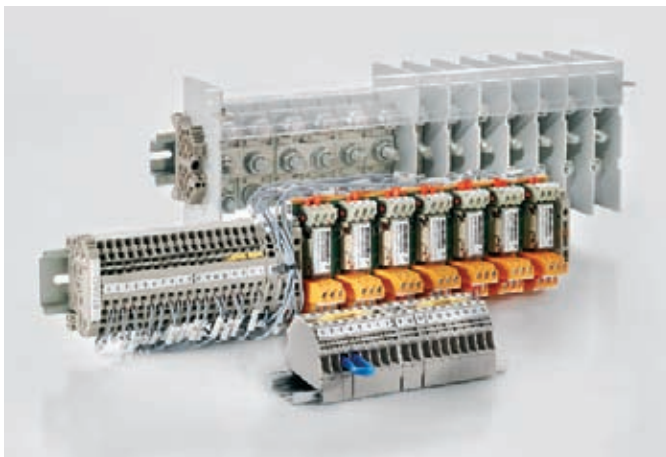
The start of a good partnership is always characterised by an intensive exchange of information to define the respective positions. Our contribution focuses on detailed advice with respect to:

- Optimum choice of products
- Practical pre-assembly
- Integration into your systems
- Consideration of requirements such as certification, classes of protection or hazard protection as required by your industry

That avoids mistakes right from the start – totally in keeping with the effective handling of the project, totally in keeping with perfect results. Our experience helps you create the foundation for good business and satisfied customers.



## Overview of services



### Production of terminal rails

Terminal rails are manufactured from steel, stainless steel, aluminium or copper to suit the diverse applications. And we can produce terminal rails with elongated or round holes, or in other forms to suit your requirements exactly. Terminal rails are fitted with modular terminals or electronic products, prewired and marked according to your specification.

#### The benefits for you

- No need to procure individual components
- No need to mount individual components
- No unnecessary stocks
- Just one order number for your pre-assembled terminal rail
- Constant high quality



### Production of enclosures

High-tech brings benefits. Our state-of-the-art production methods open up new options for you:

- Inclusion of holes and threads in the enclosure
- Enclosure cover with hinges and other accessories if required
- More complex machining such as milling of contours or reaming of holes
- Special paint finishes: To protect against the effects of the weather, your enclosures can be painted individually. Simply specify the colour and printing you require. Special paint finishes and powder coating are also possible.

Enclosures are adapted to suit the intended application exactly. You get a tailored, individual product and the quality is guaranteed by our adherence to demanding standards. Does your product require a special approval? Our accredited laboratory can test the complete product and confirm that its design complies with the standards! With every delivery we document the corresponding approvals (e.g., ATEX, GL, UL, GOST, etc.).



#### The benefits for you

- Enclosures in various sizes and materials
- Inclusion of optional accessories such as hinges and locks
- Complex machining processes and special packaging
- Ready-to-use, certified products for all types of applications.

## Overview of services



### Electronics production

We manufacture according to your specifications: ranging from PCB assembly to 100%-tested component assemblies. We bring the individual parts together according to your documents: whether for materials procurement, provision, or withdrawal from our stock. All production processes and the entire range of qualified expertise are at our disposal: from hand assembly to SMD assembly. Our state-of-the-art production and testing facilities guarantee consistent quality.

#### The benefits for you

- Solutions for custom tasks
- Complex component assemblies including enclosures from a single-source supplier
- Reduction of your procurement and storage of individual parts



### „RockStar“ heavy-duty connectors and cable assembly

To help ensure that your switchgear cabinets and installations are put into operation without delay, Weidmüller can supply pre-fabricated components such as heavy-duty connectors. These are assembled and prewired according to your specification and are supplied ready to connect. If required, we can also supply the finished enclosure with the heavy-duty connectors already integrated. An entire spectrum of application possibilities are available with our ConCept modular connector system. This modular system enables the flexible combination of diverse modules. Custom crimping and cabling is included on request! Do you prefer a personal touch? We can laser-label your company logo and article number onto our RockStars! In total compliance with your requirements.

#### The benefits for you

- Special requirements with respect to font, number of characters, material and printing durability for your markers
- Prewiring of connectors saves you valuable installation time
- Modular connector system can be ordered pre-crimped





### Marking

Whether multi-line labelling, white or coloured terminal markers or group designations, the Weidmüller range can cater for every marking task – fast, clear and according to European standards. However, we can also supply you with preprinted markers to match your specification. Simply tell us the type of marker you require, the colour, the printing sequence and the text, and we'll look after the rest. If required, we can also install the finished markers during assembly.

### Equipment labelling

Device markers are essential for marking your electrical installations. Therefore, Weidmüller can supply rating plates designed specially for your application. A wide range of different shapes, colours, materials and fixings – riveted, screwed or bonded with adhesive – are available from which to choose. And a whole range of different fonts mean that we can handle every request.

### Integration of special accessories

In some cases it is necessary to integrate special accessories. This is no problem for Weidmüller because we can integrate buttons, switches, warning lamps, plugs or couplings – all properly planned, fitted, connected and tested. And that includes the products of other manufacturers as well as our own. We shall also be happy to advise you on standard accessories such as hinges.

### The benefits for you

- Rating plates in various materials
- Individual printing or laser engraving
- Equipment and accessories to your specification



## Digital support

### RailDesigner®

RailDesigner® is a Weidmüller program for planning, assembling and ordering both terminal rails and enclosures. And it's so easy to use:

- Fast acquisition of all necessary data
- Realistic-looking graphic user interface and ideal conditions for simple assembly of your terminal rails and enclosures with all the necessary components
- Simply click on all the products you need and add accessories such as markers or cross-connectors
- To configure an individual enclosure, simply choose an enclosure type from a standard range and then add holes and other accessories to suit your requirements

These parameters form the foundation for a perfect software assistant. You can view the enclosure on the screen complete with all the configured products, and print out a hardcopy, or simply send the file to Weidmüller via e-mail in the form of an order. RailDesigner® provides you with optimum planning security and clarity during the design phase. And hence simplifies the ordering process enormously.

### M-Print® PRO label designer

The comprehensive range of Weidmüller services includes the M-Print® PRO software.

This is a professional-standard, Windows®-based program for printing and ordering labels and markers that is coordinated with our current printing systems and marking materials.

M-Print® PRO enables you to design your labelling materials professionally and quickly. Texts, borders, lines, graphics, barcodes, serial numbers and photographs are all possible. The interface to RailDesigner® or your CAE system enables the transfer of all your configured data.

### Online catalogue

If you have questions about the specifications and details of our products, perhaps even outside normal business hours, then our online catalogue at <http://catalog.weidmueller.com> open 24 hours a day, 365 days a year – is the perfect source of information. Besides product features and part numbers, it contains extensive additional information on all product groups. And for further information, offers and your personal contact, simply consult the Weidmüller website at [www.weidmueller.com](http://www.weidmueller.com).



# Technical appendix

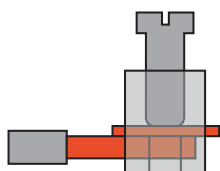
---

<b>Technical appendix</b>	
Connection systems	W.2
Definitions of the various types	W.4
Materials – Insulating materials	W.6
Materials – Metals	W.8
Standards, directives, terminology	W.10
General technical information	W.12
Electrical data	W.14
Installation instructions	W.18
ATEX Modular terminals for explosive conditions	W.24
ATEX directives	W.26
ATEX codes	W.27
ATEX cross-connection instructions	W.28

---

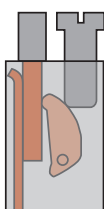


# Free choice of connection technology



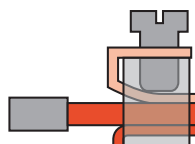
**Clamping yoke connection technology**

The **Weidmüller clamping yoke system** is an optimum combination of the specific properties of steel and copper. This clamping yoke system has proved its worth in billions of Weidmüller products over many decades. Both the clamping yoke and the clamping screw are made from hardened steel. This clamping yoke arrangement generates the necessary contact force. The clamping yoke presses the incoming conductor against a current bar made of copper or high-quality brass. The hardened Weidmüller clamping yoke ensures a gas-tight, vibration-resistant connection between conductor and current bar.



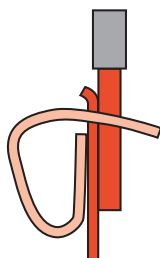
**TOP connection technology**

The Weidmüller **TOP connection system** ensures that the conductor can be inserted and the clamping screw tightened from the same direction. Such an arrangement eases the wiring work in certain installations, e.g. when there is little space at the sides in terminal boxes. The TOP connection system combines the specific properties of steel and copper. The hardened steel lever presses the conductor directly against a current bar made of copper or high-quality brass. The high contact force guarantees a gas-tight connection between conductor and current bar.



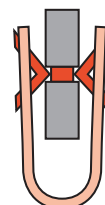
**Leaf spring connection technology**

Weidmüller's patented **leaf clamp connection system** is a screw connection system for large conductor cross-sections. The insertion of large conductors into the clamping point is made easier here by the fact that the clamping unit can be removed first. The conductor can then be placed directly on the current bar before re-inserting the clamping unit and tightening the screw to grip the conductor.



**Tension clamp connection technology**

The **Weidmüller tension clamp system** functions similarly to the tried-and-tested clamping yoke. Here again, the mechanical and electrical functions are kept separate. The spring made from high-quality rustproof and acid-proof steel pulls the conductor against the tin-plated copper current bar. Treating the copper in this way ensures low contact resistance and high corrosion resistance. The compensating effect of the spring ensures a secure contact for the lifetime of the terminal.



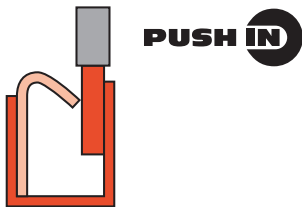
**IDC connection technology**

The **IDC connection technology** (Insulation Displacement Connection) is a type of connection for copper conductors that does not require the conductor to be prepared in any way – so no stripping and no crimping.

When connecting the conductor, the insulation of the conductor is penetrated and an electrically conductive contact between conductor and current bar produced at the same time.

The Weidmüller IDC principle, like Weidmüller's other types of connection, again keeps mechanical and electrical functions separate.

A spring made from rustproof stainless steel presses the current bar onto the conductor and therefore guarantees a low contact resistance and a gas-tight, vibration-resistant connection.



**Push In-Connection technology**

In the **Push In connection technology** the stripped solid conductor is simply inserted into the clamping point as far as it will go. And that completes the connection! No tools are required and the result is a reliable, vibration-resistant and gas-tight connection. Even flexible conductors with crimped wire end ferrules or ultrasonic-welded conductors can be connected without any problems. A stainless steel spring, which is fitted in a separate housing, guarantees a high contact force between the conductor and the current bar (tin-plated copper). The conductor pull-out force for this system is even higher than that for the tension clamp system. Spring stop plus conductor stop in a steel housing ensure optimum connection conditions and a guide for the screwdriver needed to detach the conductor.

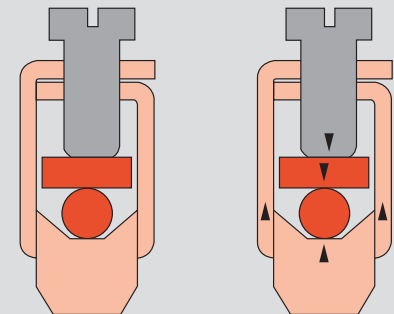
**The principle of vibration resistance**

**Clamping yoke**

As the clamping screw is tightened, the ensuing force causes the upper threaded part to spring back and exert a locknut effect on the screw.

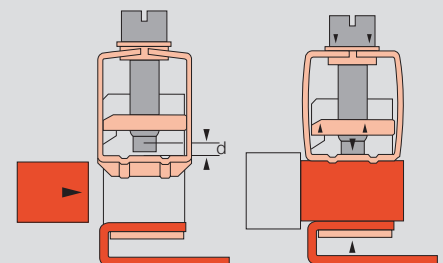
The Weidmüller clamping yoke system is vibration-resistant. The relaxation of the conductor is compensated for by the elastic behaviour of the Weidmüller clamping yoke.

It is therefore not necessary to retighten the clamping screw.



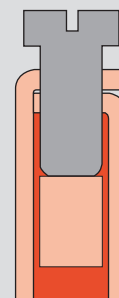
**Leaf clamp**

The distance “d” between the shaft of the clamping screw and the leaf clamp causes elastic deformation of the spring as the screw is tightened. The vibration resistance depends on the magnitude of the spring force of the leaf clamp, and this force also compensates for relaxation phenomena in the conductor. It is therefore not necessary to retighten the clamping screw.



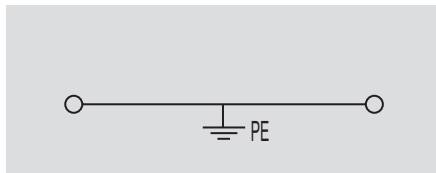
**TOP**

Like with the clamping yoke, the force exerted by the steel lever as the screw is tightened forces apart the two threaded parts of the TOP connection. This exerts a locking effect on the screw and guarantees excellent vibration resistance.



# Definitions of the various types

## PE terminals

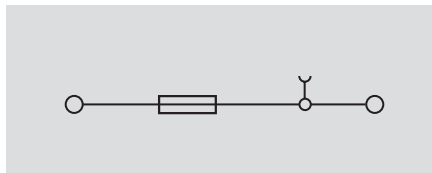


A PE terminal is a component with one or several clamping points for connecting and/or branching PE conductors (PE and PEN conductors) with a conductive connection to their mountings. Partly insulated PE terminals are insulated from adjacent live parts of terminals; the partial insulation is coloured green/yellow.

### Applications (IEC 60947-7-2)

This standard applies to PE terminals with PE function up to 120 mm<sup>2</sup> and to PE terminals with PEN function for sizes upwards of 10 mm<sup>2</sup> with clamping points with or without screws for connecting round copper conductors with a cross-section between 0.2 and 120 mm<sup>2</sup> (AWG 24/250 kcmil) for circuits up to 1000 Vac 1000 Hz or up to 1500 Vdc. PE terminals are used to produce the electrical and mechanical connections between copper conductors and the mounting.

## Fuse terminals



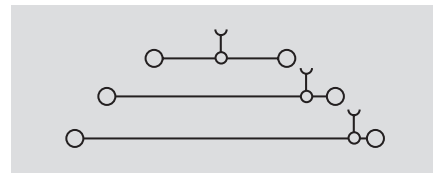
Fuse terminals consist of a terminal base and a cartridge fuse holder. In the case of fuse terminals for low-voltage cartridge fuses (D-system), the technical data are defined by IEC 60947-7-3 in conjunction with VDE 0636 part 301.

In the case of fuse terminals for device protection cartridge fuses, the technical data are defined by IEC 60947-7-3, which covers the range of applications of such products.

Fuse terminals for protecting devices are rated for a certain maximum power loss on the basis of IEC 60127-2, which covers G-type cartridge fuses.

The product pages contain details of the maximum power loss for individual or group arrangements for short-circuit and/or overload protection.

## Multi-level distribution terminals



A multi-level distribution terminal is a unit with clamping points for connecting and/or linking phase, neutral and PE conductors to their mountings with a conductive PE connection. They have several connection levels, all isolated from each other.

### Applications IEC 60947-7-1 / IEC 60947-7-2

### DIN VDE 0611-4 (partly)

These standards apply to multi-level distribution terminals with clamping points with/without screws for connecting or linking solid, stranded or flexible copper conductors. In distribution terminals, phase conductor and/or N and PE conductor connections are all realised in a compact space.

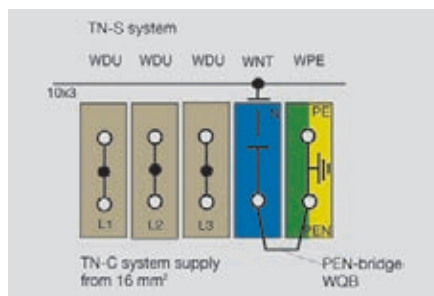
The N-conductor can be disconnected for insulation measurements; it is not used for disconnecting or switching.

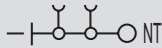
## PEN function

According to IEC 60947-7-2, only copper terminal rails may be used for the PEN function. Steel terminal rails may not be used.

### Use of TS 35 x 15

In order to comply with the current-carrying ability required by IEC 60947-7-2, the TS 35 x 15 terminal rail must be used for PE terminals with a rated cross-section of 16 mm<sup>2</sup> and upwards.

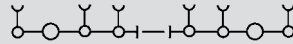


**N-conductor disconnect terminals**

A neutral-conductor disconnect terminal is a special type of test-disconnect terminal with lateral disconnection. It is connected to a neutral-conductor busbar. It will be covered in the scope of the IEC 60947-7-1 (2008 edition – Appendix D). The terminals are used for measuring the insulation resistance relative to the earth. They enable simple testing without the need to disconnect the neutral conductor.

**Dimensioning of clearance and creepage distances:**



400 V applies to  
 phase conductor–phase conductor  
 250 V applies to  
 phase conductor–N-conductor  
 phase conductor–PE conductor  
 N-conductor–PE conductor

**Test-disconnect terminals**

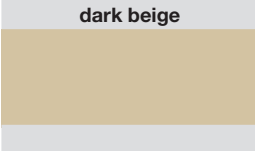


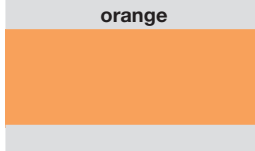

Test-disconnect terminals are used for the short-term separation of circuits in order to perform test and measurements in a no-voltage state. They will be covered in the scope of the IEC 60947-7-1 (2008 edition – Appendix D). The dimensions for the clearance and creepage distances of the opened disconnect points are not evaluated. However the rated surge voltage resistance (supplied by the manufacturer) must be verified at the opened disconnect point.

# Insulating materials

In order to do justice to the most diverse requirements placed on our products, it is necessary to use different insulating materials tailored to the needs of the applications. None of the insulating materials used by Weidmüller contain any hazardous substances. Above all, the use of cadmium-free materials is very high on our agenda. Furthermore, our insulating materials contain neither pigments based on heavy metals nor any substances that lead to the formation of dioxin or furan.

		Ceramics	Thermosetting plastics	
	Plastic Abbreviation	Ceramics	Gemin KrG	Epoxy resin EP
		Ceramics are excellent materials for electrical engineering because they fulfil all the requirements. Ceramics are resistant to heat, fluids and sparks, and are tested for leakage currents. Thanks to their high mechanical strength, low losses and good heat resistance, these materials have a very high chemical stability and are preferred because of their very low wear.	Thermosetting plastics exhibit high dimensional stability, low water absorption, extremely good tracking resistance and excellent fire resistance.  The continuous operating temperatures are higher than those of thermoplastics. At higher thermal loads the deformation resistance of thermosetting plastics is better than that of thermoplastics.  The disadvantage in comparison with thermoplastics is the reduced flexibility of thermosetting plastics.	
		Insulating material	Melamine resin moulding compound, MF type 150 (DIN EN ISO 14 528) inorganic filler	Epoxy resin with inorganic filler
<b>Colour</b>		<b>white</b>	<b>medium yellow</b> 	<b>black</b> 
<b>Description</b>		highest continuous operating temperature high fire resistance fluids-repellent high tracking resistance inherently flame-retardant	high continuous operating temperature high fire resistance high tracking resistance inherently flame-retardant halogen-free flame-retardant agent	very good electrical properties very high continuous operating temperature resistant to high-energy radiation halogen- and phosphor-free flame-retardant agent
<b>Properties</b>				
Specific volume resistance to IEC 60093	$\Omega \times \text{cm}$	-	$10^{11}$	$10^{14}$
Electric strength to IEC 60243-1	kV / mm	>10	10	160
Tracking resistance (A) to IEC 60112	CTI	$\geq 600$	$\geq 600$	$\geq 600$
Upper max. permissible temperature	°C	250	130	160
Lower max. permissible temperature, static	°C	-60	-60	-60
Flamability class to UL 94		V-0 (5 V-B)	V-0 (5 V-A)	V-0
Fire behaviour to railway standard				

Thermoplastics

Wemid	Polyamide PA	Polyamide PAGF	Polybutylene-terephthalate PBT	Polycarbonate PC
<p><b>Wemid</b> is a modified thermoplastic whose properties have been specially devised to suit the requirements of Weidmüller connectors. The advantages in comparison with PA are the better fire protection and the higher continuous operating temperature. Wemid fulfils the strict requirements placed on applications for railway rolling stock to NF F 16-101.</p>	<p><b>Polyamide (PA)</b> is one of the most common commercial plastics. The advantages of this material are its very good electrical and mechanical properties, its flexibility and resistance to breakage. Furthermore, owing to its chemical structure PA achieves good fire resistance even without the use of flame-retardant agents.</p>	<p><b>Glass fibre-reinforced polyamide (PAGF)</b> offers excellent dimensional stability and very good mechanical properties. That makes this material ideal for use in end brackets. Compared with unreinforced PA, this material can achieve UL 94 flammability class HB.</p>	<p><b>This thermoplastic polyester (PBT)</b> offers excellent dimensional stability (and is therefore ideal for plug-in connectors) and a high continuous operation temperature. But the tracking resistance is lower than other insulating materials.</p>	
special Weidmüller insulating material	insulating material	insulating material	with or without glass fibre reinforcement depending on application	with or without glass fibre reinforcement depending on application
<b>dark beige</b>	<b>beige</b>	<b>beige</b>	<b>orange</b>	<b>grey</b>
				
<p>higher continuous operating temperature</p> <p>improved fire resistance</p> <p>halogen- and phosphor-free flame-retardant agent</p> <p>flame-retardant agent low smoke development in fire</p> <p>certified for railway applications to NF F 16-101</p>	<p>flexible, virtually unbreakable</p> <p>good electrical and mechanical properties</p> <p>self-extinguishing behaviour</p> <p>halogen-free flame-retardant agent</p>	<p>excellent dimensional stability</p> <p>very good mechanical properties</p> <p>halogen-free flame-retardant agent</p>	<p>high dimensional stability</p> <p>good electrical and mechanical properties</p> <p>flame-retardant substances do not lead to the formation of dioxin or furan</p>	<p>high dimensional stability</p> <p>high continuous operating temperature</p> <p>high electrical insulation capacity</p> <p>halogen-free flame-retardant agent</p>
10 <sup>12</sup>	10 <sup>12</sup>	10 <sup>12</sup>	10 <sup>13</sup>	10 <sup>16</sup>
25	30	30	28	≥ 30
600	600	500	200	≥ 175
120	100	100	115 / 130	115 / 125
-50	-50	-50	-50	-50
V-0	V-2	HB	V-0	V-2 / V-0
I2 / F2 *)				I2 / F2
*) also certified to LUL E 1042				

# Metals

Only materials that have proved suitable for electrical engineering applications are used in Weidmüller products.

All materials are subjected to the rigorous quality control measures of a QM system certified to DIN EN ISO 9001.

Environmental compatibility plays a crucial role in the selection of materials.

The selection, processing and surface treatment of all the metals used by Weidmüller are carried out according to the latest technical standards.

## Steels

Steel parts required to maintain the contact force permanently are electro-galvanised and treated with an additional passivation technique.

The surface protection conforms to the highest standards. Experience gained from laboratory tests has been incorporated into the design of the surface protection.

Zinc protects against corrosion for a long time even after the zinc coating has been partially damaged by scratches or pores. In the presence of an electrolyte, zinc acts as a cathode (i.e. negative) with respect to steel. The metal ions of the zinc migrate to the steel, which provides long-term protection for the parent metal.

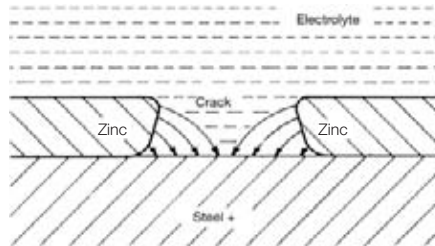
## Conductive materials

The current-carrying materials copper, brass and bronze are characterised by their high conductivity and good mechanical properties.

The surfaces are usually given a coating of tin, which creates an extremely good, "malleable" contact with a low contact resistance. Apart from ensuring consistently good electrical properties, the tin coating provides excellent protection against corrosion.

Solder connections are also given a coating of tin. In order to guarantee the long-term solderability (shelf life), brass parts are given an additional nickel coating as a diffusion barrier.

The nickel coating provides effective protection against the loss of zinc atoms from the brass.







# International Standards



## Modular terminals to IEC 60947-7-1

### Low-voltage switchgear and controlgear

Part 7-1:  
Auxiliary devices – Terminals for copper conductors

This standard has been ratified by CENELEC on a European level and is as such valid in all CENELEC member countries.

In conjunction with this and having an overriding importance:  
IEC 60947-1

### Low-voltage switchgear and controlgear –General stipulations

(IEC 60947-7-1)  
(EN 60947-7-1)

This standard defines requirements for feed-through and disconnect-test terminals (Edition 2008) with screw or screwless terminal points which are primarily intended for industrial applications or similar and are attached to a carrier to produce an electrical and mechanical connection between copper cables.

The standard is valid for modular terminals for connecting round copper conductors with a cross-section between 0.2 und 300 mm<sup>2</sup> (AWG 24/600 kcmil), for electric circuits up to 1000 V AC/ 1000 Hz or up to 1500 V DC.

### This standard can be used as a guide for:

- Terminals that require the attachment of special fixtures to the conductor such as tab or wire-wrap connectors and so forth.
- Terminals that directly contact the conductor through cutting or creates contact points by penetrating the insulation, for example as in insulation displacement connections and so forth

### Feed-through terminal

An insulating component that supports one or more clamping arrangements insulated from one another and which is designed to be fixed to a supporting rail.

### Rated cross-section

The rated cross-section of a modular terminal is the size – as specified by the manufacturer – of the conductor cross-section that can be connected to the terminal, on which certain thermal, mechanical and electrical requirements are based, and which is intrinsic to the marking on the terminal.

The rated cross-section is selected from the following standard cross-sections:  
0.2 - 0.5 - 0.75 - 1.0 - 1.5 - 2.5 - 4.0 - 6.0 - 10 - 16 - 25 - 35 - 50 - 70 - 95 - 120 - 150 - 240 - 300 mm<sup>2</sup>.

The modular terminals possess a rated connection capacity that is at least two steps smaller than the rated cross-section. The conductors may be solid, multi-strand or fine-strand components, if necessary with the ends of the conductors prepared for the connection.

Verification of the rated cross-section is carried out with a gauge, according to IEC 60947-1.

### Rated current IEC 60947-7-1

Test currents are assigned to the rated cross-sections in accordance with IEC 60947-7-1. No non-permissible rise in the temperature of the terminal occurs in conjunction with these rated currents:

mm <sup>2</sup>	1,5	2,5	4,0	6,0
A	17,5	24	32	41

mm <sup>2</sup>	10	16	25	35
A	57	76	101	125

mm <sup>2</sup>	50	70	95	120
A	150	192	232	269

mm <sup>2</sup>	150	185	240	300
A	309	353	415	520

### Conventional free-air thermal current (I<sub>th</sub>)

The conventional free-air thermal current (I<sub>th</sub>) is the largest test current used for temperature rise tests on open devices in free air. Refer to section 4.3.2.1 of IEC 60947-1.

This applies exclusively to terminal blocks with multiple connection levels (multi-tier terminals) and to test-disconnect terminals for which a current reduction is permissible. The reduced current values are then designated as conventional thermal current in free air (I<sub>th</sub>). If the test current is not required to be reduced for the associated rated cross-section, then the term remains "rated current".

### Rated voltage IEC 60947-7-1

The rated voltage of a modular terminal is the rated insulation voltage on which the insulation tests and creepage distances are based. They are determined according to IEC 60664-1.

### Rated impulse withstand voltage IEC 60947-7-1

This is the value of a surge voltage to which the modular terminals can be subjected and on which the clearances to IEC 60947-1 or IEC 60664-1 are based.

### Pollution severity IEC 60947-7-1

The pollution severity specifies the influence of solid, liquid or gaseous foreign matter that could reduce the electric strength of the specific surface resistance.

Pollution severity 3 has been specified for modular terminals for industrial applications: the occurrence of conductive contamination or dry, non-conductive contamination which becomes conductive because condensation is expected.

The minimum clearance is defined in IEC 60947-7-1 in conjunction with the rated impulse withstand voltage.

### Operating conditions

The modular terminals can be used in the following standard conditions:

- Ambient temperature -5 °C...+40 °C, average value over 24 h: +35 °C
- Altitudes up to 2000 m above sea level

- Relative humidity 50 % at +40 °C, 90 % at +20 °C

### CE marking

The manufacturer is responsible for CE labelling in accordance with the corresponding EU Directive. This confirms conformance with the Directive for the attention of government authorities. It is designed to guarantee the free movement of goods within Europe. Cable connectors from ≥ 50 V~/75 V- fulfil the fundamental safety requirements stipulated in the Low Voltage Directive 2006/95/EC. This is printed on the packaging. Together with the appropriate technical documentation declarations of conformity are kept available for review by the responsible monitoring authority.

### (EMC)

#### Interference immunity

Terminals utilized in applications that fall under the scope of the IEC/EN 60947-7-1 are immune to electromagnetic disturbances. For that reason no immunity tests are required.

#### Emitted interference

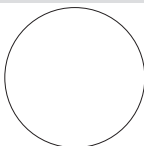


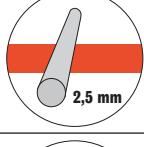
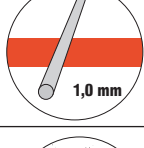
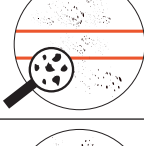

Terminals utilized in applications that fall under the scope of the IEC/EN 60947-7-1 do not generate electromagnetic disturbances. For that reason no emitted interference tests are required.

# IP class of protection to DIN EN 60529

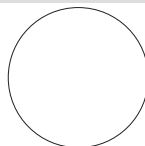
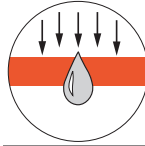
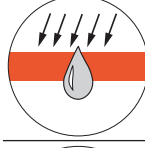
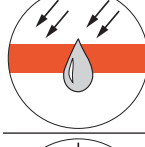
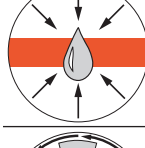
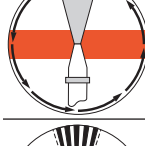
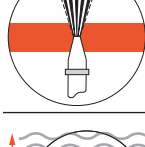
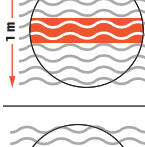
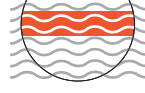
The ingress protection class or IP rating is indicated by a code consisting of the two letters IP and two digits representing the class of protection.

Example: **IP 65**  
 | 2nd digit: protection from liquids  
 | 1st digit: protection from solid bodies

## Protection against intrusion of external particle matter (1st digit)

Kennziffer	
0	 No protection
1	 Protection against ingress of large solid bodies with diameter > 50 mm. (Protection to prevent dangerous parts being touched with the back of the hand.)
2	 Protection against ingress of large solid bodies with diameter > 12.5 mm. (Protection to prevent dangerous parts being touched with the fingers.)
3	 Protection against ingress of large solid bodies with diameter > 2.5 mm. (Protection to prevent dangerous parts being touched with a tool.)
4	 Protection against ingress of large solid bodies with diameter > 1 mm. (Protection to prevent dangerous parts being touched with a piece of wire.)
5	 Protection against harmful deposits of dust, which cannot enter in an amount sufficient to interfere with satisfactory operation.
6	 Complete protection against ingress of dust.

## Protection against penetration of liquids (2nd digit)

Kennziffer	
0	 No protection
1	 Protection against drops of condensed water falling vertically.
2	 Protection against drops of liquid falling at an angle of 15° with respect to the vertical.
3	 Protection against drops of liquid falling at an angle of 60° with respect to the vertical.
4	 Protection against liquids splashed from any direction.
5	 Protection against water jets projected by a nozzle from any direction.
6	 Protection against water from heavy sea on ships' decks.
7	 Protection against immersion in water under defined conditions of pressure and time.
8	 Protection against indefinite immersion in water under defined conditions of pressure (which must be agreed between manufacturer and user and must be more adverse than number 7).

# Conversion table for AWG to mm<sup>2</sup> conductors

## AWG

**AWG** is the abbreviation for „**A**merican **W**ire **G**auge“. This designation bears no resemblance to the actual cross-section of the conductor.

The relationship between AWG and mm<sup>2</sup> is shown in the following table.

AWG	mm <sup>2</sup>
28	0,08
26	0,13
24	0,21
22	0,22
20	0,52
19	0,65
18	0,82
17	1,04
16	1,31
15	1,65
14	2,08
13	2,63
12	3,31
11	4,17
10	5,26
9	6,63
8	8,37
7	10,55
6	13,30
5	16,77
4	21,15
3	26,67
2	33,63
1	42,41
0	53,48

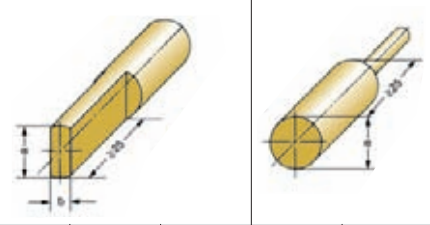
## Plug gauge to IEC 60947-1

### Insertion of unprepared round conductors with the largest prescribed cross-section

Test with defined gauge, insertion simply under self-weight



Conductor cross-section		Plug gauge						
Flexible conductor mm <sup>2</sup>	Rigid conductor (solid or stranded) mm <sup>2</sup>	Form A			Form B			Permissible deviation for a and b mm
		Designation	Diameter a mm	Width b mm	Designation	Diameter a mm		
1,5	1,5	A 1	2,4	1,5	B 1	1,9	0 – 0,05	
2,5	2,5	A 2	2,8	2,0	B 2	2,4		
2,5	4	A 3	2,8	2,4	B 3	2,7		
4	6	A 4	3,6	3,1	B 4	3,5	0 – 0,06	
6	10	A 5	4,3	4,0	B 5	4,4		
10	16	A 6	5,4	5,1	B 6	5,3		
16	25	A 7	7,1	6,3	B 7	6,9	0 – 0,07	
25	35	A 8	8,3	7,8	B 8	8,2		
35	50	A 9	10,2	9,2	B 9	10,0		
50	70	A 10	12,3	11,0	B 10	12,0	0 – 0,08	
70	95	A 11	14,2	13,1	B 11	14,0		
95	120	A 12	16,2	15,1	B 12	16,0		
120	150	A 13	18,2	17,0	B 13	18,0		



# Design of the clearances and creepage distances in electrical equipment – general



Since April 1997 the sizing of clearances and creepage distances has been covered by IEC 60664-1 “Insulation coordination for electrical equipment in low-voltage systems”.

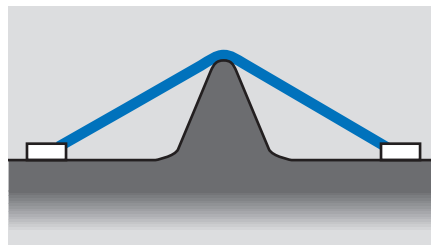
The design data resulting from these provisions is – if applicable – specified in this catalogue for each product.

For the design of clearances and creepage distances, application of the regulations for insulation coordination produces the following interrelationships:

### Clearances

Clearances are rated in accordance with the following factors:

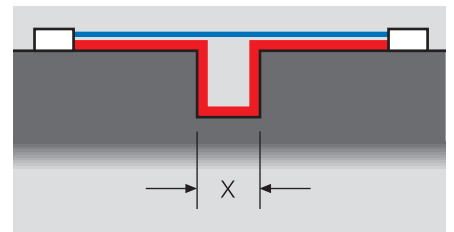
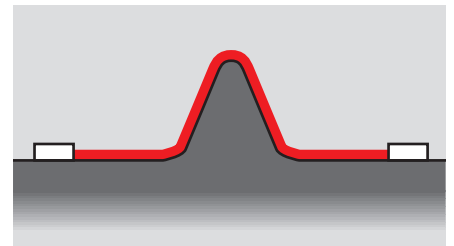
- Anticipated overvoltage  
**rated impulse withstand voltage**
- Used  
**overvoltage protection precaution**
- Measures to prevent pollution  
**pollution severity**



### Creepage distances

Creepage distances are rated in accordance with the following factors:

- Planned  
**rated voltage**
- Insulation materials used  
**insulation group**
- Measures to prevent pollution  
**pollution severity**



**Slots** are taken into account when measuring creepage distances if their minimum width  $x$  is dimensioned according to the following table:

Pollution severity	min. width $X$ [mm]
1	0.25
2	1.0
3	1.5
4	2.5

If the associated clearance in air is less than 3 mm, the minimum slot width can be reduced to 1/3 of the clearance.

# Design of clearances and creepage distances in electrical equipment – influencing factors

## Rated impulse withstand voltage

The rated impulse withstand voltage is derived from:

- **Voltage conductor – earth**  
(the rated voltage of the network, taking into account all networks)
- **Surge category**

**Table 1: Rated impulse withstand voltages for electrical equipment**

Rated voltage of power supplies system *) in V		Rated impulse withstand voltage in kV			
Three-phase systems	Single-phase systems with neutral point	Electrical equipment at the supplies point of the installation <b>(Surge category IV)</b>	Electrical equipment as part of the permanent installation <b>(Surge category III)</b>	Electrical equipment to be connected to the permanent installation <b>(Surge category II)</b>	Specially protected electrical equipment <b>(Surge category I)</b>
	120 to 240	4.00	2.50	1.50	0.80
230/400 277/480		6.00	4.00	2.50	1.50
400/690		8.00	6.00	4.00	2.50
1000		Values depend on the particular project of, if no values are available, the values of the preceding line apply.			
*) to IEC 38					

## Surge categories

are stipulated in accordance with the German standard DIN VDE 0110-1 (for electrical equipment fed directly from the low-voltage network).

### Surge category I

- Equipment that is intended to be connected to the permanent electrical installation of a building. Measures to limit transient surges to the specific level are taken outside the equipment, either in the permanent installation or between the permanent installation and the equipment.

### Surge category II

- Equipment to be connected to the permanent electrical installation of a building, e.g. household appliances, portable tools, etc.

### Surge category III

- Equipment that is part of the permanent electrical installation and other equipment where a higher degree of availability is expected, e.g. distribution boards, circuit-breakers, wiring systems (including cables, busbars, junction boxes, switches, power sockets) in the permanent installation, and equipment for industrial use and some other equipment, e.g. stationary motors with permanent connections to the permanent installation.

### Surge category VI

- Equipment for use at or near the power supplies in the electrical installations of buildings, between the principal distribution and the mains, e.g. electricity meters, circuit-breakers and centralised ripple controllers.

## Pollution severity categories

### Pollution severity category 1

- No pollution, or only dry, non-conductive pollution that has no influence.

### Pollution severity category 2

- Non-conductive pollution only; occasional condensation may cause temporary conductivity.

### Pollution severity category 3

- Conductive pollution, or dry, non-conductive pollution that is liable to be rendered conductive through condensation.

### Pollution severity category 4

- Contamination results in constant conductivity, e.g. caused by conductive dust, rain or snow.

Unless explicitly stated otherwise, the dimensioning of clearance and creepage distances and the resulting rating data for electromechanical products (terminals, terminal strips, PCB connection terminals and plug-in connectors) is based on pollution severity 3 and surge category III, taking account of all network types.



# Design of clearances and creepage distances in electrical equipment – influencing factors

## Rated voltage

The rated voltage is derived from the nominal voltage of the power supply and the corresponding network type.

### Single-phase 2- or 3-wire AC or DC systems

Rated voltage of the power supply (mains) <sup>*)</sup>	Voltages for table 4	
	For insulation phase-to-phase <sup>1)</sup>	For insulation phase-to-earth <sup>1)</sup>
	All systems	3-wire systems neutral pt. earthing
V	V	V
12.5	12.5	–
24 / 25	25	–
30	32	–
42 / 48 / 50 <sup>**)</sup>	50	–
60	63	–
30–60	63	32
100 <sup>**)</sup>	100	–
110 / 120	125	–
150 <sup>**)</sup>	160	–
220	250	–
110–220	250	125
120–240	–	–
300 <sup>**)</sup>	320	–
220–440	500	250
600 <sup>**)</sup>	630	–
480–960	1000	500
1000 <sup>**)</sup>	1000	–

### 3-phase 3- or 4-wire AC systems

Rated voltage of the power supply (mains) <sup>*)</sup>	Voltages for table 4		
	For insulation phase-to-phase	For insulation phase-to-earth	
		All systems	3-phase 4-wire systems with earthed neutral wire <sup>2)</sup>
V	V	V	V
60	63	32	63
110/120/127	125	80	125
150 <sup>**)</sup>	160	–	160
208	200	125	200
220/230/240	250	160	250
300 <sup>**)</sup>	320	–	320
380/400/415	400	250	400
440	500	250	500
480/500	500	320	500
575	630	400	630
600 <sup>**)</sup>	630	–	630
660/690	630	400	630
720/830	800	500	800
960	1000	630	1000
1000 <sup>**)</sup>	1000	–	1000

1) Phase-to-earth insulation levels for unearthed or impedance-earthed systems are equal to those of phase-to-phase because the operating voltage to earth of any phase can, in practice, reach full phase-to-phase voltage. This is because the actual voltage to earth is determined by the insulation resistance and capacitive reactance of each phase to earth; thus, a low (but acceptable) insulation resistance of one phase can earth it and raise the other two to full phase-to-phase voltage to earth.

2) For electrical equipment for use in both 3-phase 4-wire and 3-phase 3-wire supplies, earthed and unearthed, use the values for 3-wire systems only.

\*) It is assumed that the rated voltage of the electrical equipment is not lower than the nominal voltage of the power supply.

\*\*\*) Because of the common changes, the meaning of the \*\* symbol has not been used in table 1; i.e. the / symbol indicates a 4-wire 3-phase distribution system. The lower value is the phase-to-neutral voltage, while the higher value is the phase-to-phase voltage. Where only one value is indicated, it refers to 3-wire 3-phase systems and specifies the value phase-to-phase. The values given in table 1 are still taken into account in tables 3a and 3b by the \*\* symbol.

## Insulating material group

The insulating materials are divided into four groups depending on the comparative figures for creepage distance (CTI = comparative tracking index):

### Insulating material group

I	$600 \leq \text{CTI}$
II	$400 \leq \text{CTI} < 600$
III a	$175 \leq \text{CTI} < 400$
III b	$100 \leq \text{CTI} < 175$

The comparative tracking index must be determined using special samples produced for this purpose with test solution A in compliance with IEC 60112 (DIN IEC 60112/DIN VDE 0303-1).

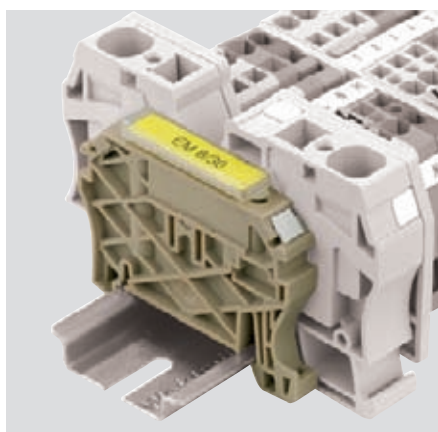




# The installation of terminal strips

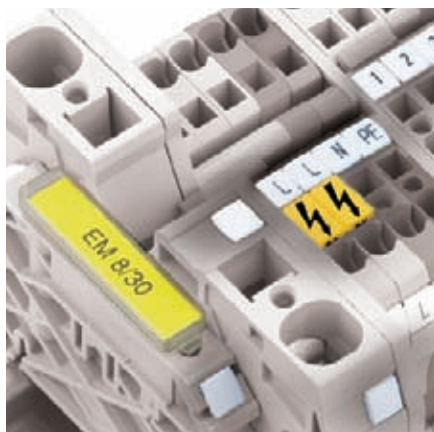
## Assembly and end brackets

- Assemble terminal strips from left to right.
- Closed side on the left, open on the right.
- Always close off the open side of a modular terminal with an end plate or partition plate (WAP/TW, ZAP/TW and IAP).
- Fit end brackets to both ends of a terminal strip.
- End brackets can be omitted adjacent to PE terminals, with the exception of WDK/PE and ZPE + WPE 1.5 / R 3.5.



## Combinations of various terminals

- Always fit an end plate or partition plate (WAP/TW, ZAP/TW and IAP) at changes of profile.
- Always fit end plates or partition plates (WAP/TW, ZAP/TW and IAP) between adjacent terminals with different rated voltages in order to maintain the respective voltages.
- When a PE terminal is required adjacent to or between associated feed-through terminals of the same series and size, the rated voltage and rated impulse withstand voltage of the feed-through terminals are not affected.



## Dimensions

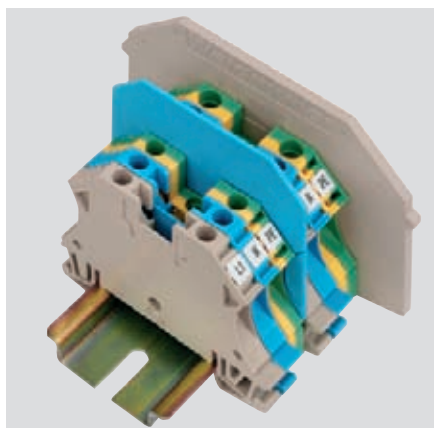
The dimensions specified are those of the enclosing housing to the modular terminal, including fixing components but excluding tolerances. A mounting tolerance of 0.2 mm on the specified terminal width should be allowed for in the planning.

## Partition plate

A partition plate is required to create a visual distinction between electric circuits, or to ensure electrical isolation between neighbouring cross-connections.

## Separation plate

Separation plates can be retrofitted between cross-connections or sockets



on modular terminals up to a terminal width of max. 12 mm.

## Maintaining the rated insulation voltage

The required stripping length is specified in mm for every Weidmüller product. These lengths, e.g.  $6 \pm 0,5$  mm,  $\geq 10 \pm 1$  mm, must be maintained. This also applies when using wire end ferrules. The outside dimensions of crimped wire end ferrules must comply with IEC 60947-1, 1999 edition.

## Working on electrical connections with non-insulated screwdrivers



The use of non-insulated screwdrivers is only permitted on electrical systems that have been isolated. To ensure that the electrical components have been dis-



connected from the power supply, the following five safety rules must be adhered to before carrying out any work and guaranteed for the duration of the work:

- isolation
- prevention of reconnection
- verification of disconnection
- earthing and short-circuiting
- covering or guarding of adjacent parts still connected to the power supply

These five safety rules represent the safety measures to be taken when working on electrical systems and equipment. The individual measures to be carried out taking into account the operational and local conditions, e.g. exposed high- or low-voltage lines, cables or switchgear, are specified in VDE 0105 part 100.

**Unused clamping points connected to the power supply**

Suitable covers, e.g. ADP 1...4, must be fitted to prevent electrical shock caused through accidental contact with unused clamping points that could conduct electricity. The clamping screws of all unused clamping points, even those isolated from the electricity supply, must be screwed fully home.

**VDE 0105 part 100  
Operation of power supplies:  
work on such systems**

Perform troubleshooting operations with a 2-pole voltage tester including test prod to IEC 61243-3.



**Tightening torques for clamping screws**

Tightening the clamping screw with the appropriate torque guarantees:

- a secure and gas-tight connection
- no mechanical damage to the clamping parts
- a voltage drop well below the permissible limit

The test torque to IEC 60947-1 or the torque as specified by the manufacturer is the lower value of the permissible torque range. This ensures that all tests are satisfied.

The upper value of the permissible torque range is the maximum torque that may be applied by the user.

An electric screwdriver should preferably be set to a torque in the middle of the range. The values given in the table are general figures. Torques specific to the products have been specified directly for each product.

Products with screw with slotted head		
Thread	Tightening torque	
	Steel screws	
	min. 8.8	A 2/A 4-80
	[Nm]	[Nm]
M 2	0.2...0.35	0.2...0.35
M 2.5	0.4...0.8	0.4...0.8
M 3	0.5...1.0	0.5...1.0
M 3.5	0.8...1.6	0.8...1.6
M 4	1.2...2.4	...
M 5	2.0...4.0	...
M 6	2.5...5.0	...

Products with screw with hexagon socket		
Thread	Tightening torque	
	Non-ferrous screws	
	Cu 2 (CuZn)	Cu 5 (CuNi 60)
	[Nm]	[Nm]
M 2.5	0.4...0.45	...
M 3	0.5...0.6	0.5...1.0
M 3.5	...	0.8...1.6
M 4	1.2...1.9	1.2...2.4
M 5	2.0...3.0	2.0...4.0
M 6	...	2.5...5.0

Products with screw with hexagon socket	
Thread	Tightening torque
	Steel screws
	[Nm]
M 4	1.2...2.4
M 5	2.0...4.0
M 6	3.0...6.0
M 8	6.0...12
M 10	10.0...20
M 12	14.0...31
M 16	25.0...60

# Connecting the terminals

## Two conductors at one clamping point

The optimum solution for allocation of individual circuits, labelling and the break-down into separate functional units is best achieved by connecting just one conductor at every clamping point.

However, if it is necessary to connect two conductors with the same cross-section at one clamping point, then this is possible with the modular terminals of the W-Series (screw connection).

According to DIN IEC 60999-1, twin wire end ferrules must be used when connecting two conductors at one clamping point in modular terminals of the Z-Series (tension clamp).

But DIN IEC 60999-1 prohibits the connection of two conductors at one point in the screwless IDC system (I series).

- Continuous current rating with two conductors**

The total current of two conductors may not exceed the continuous current rating of the modular terminal. The continuous current rating is the maximum current that a modular terminal can accommodate without the temperature rise exceeding 45 K.

- Rated voltage**

The Rated voltage of the modular terminal does not change when two conductors are connected properly.

File E60693	Torque Nm	Voltage	Current	WI Catalog No.
<b>Multi wire test for:</b>				
sec 38	0.8	600	25	WDU 2.5
sec 38	1	600	35	WDU 4
sec 38	1.6	600	50	WDU 6
sec 38	2.4	600	65	WDU 10
sec 38	4	600	85	WDU 16
sec 38	5	1000	125	WDU 35
sec 38	0.8			WPE 2.5
sec 38	1			WPE 4
sec 38	1.6			WPE 6
sec 38	2.4			WPE 10
sec 38	4			WPE 16
sec 38	5			WPE 35
sec 38	0.8	300	20	WDK 2.5...
sec 38	0.8	300	20	WDK 2.5/DU-PE
sec 38	0.5	300	20	WDU 1.5/ZZ
sec 38	0.5			WPE 1.5/ZZ
sec 38	0.8	300	20/10	WDU 2.5/1.5/ZR
sec 38	0.5			
sec 38	0.8			WPE 2.5/1.5/ZR
sec 38	0.5			
sec 38	0.8	300	10	WPO 4
sec 38	0.5	300	10	WDU 1.5/BLZ 5.08
sec 38	0.8	300	10	WDK 2.5/BLZ 5.08
sec 38	0.8	300	16	WDU 2.5 F
sec 38	0.8	300	16	WDK 2.5 F
sec 47	0.5	300	10	BLZ 5.08/2
sec 38				WDU 50N
sec 38				WPE 50N
sec 75				WDU 70N
sec 75				WPE 70N
sec 38				WDK 2.5/TR DU/σTNHE
sec 38				WDK 2.5/TR DU-PE/σTNHE
sec 38				WTR 2.5
				WDU 50N
				WPE 50N
				WDU 70N
				WPE 70N
				WDK 2.5/TR DU/σTNHE
				WDK 2.5/TR DU-PE/σTNHE
				WTR 2.5
				WDK 4N
				WDK 4N PE
				WDK 4N V
				WDU 4/ZR
				WDU 4/ZZ
				WPE 4/ZR
				WPE 4/ZZ
				WTR 4/ZR
				WTR 4/ZR STB 2.3
				WTR 4/ZZ
				WTR /ZZ STB 2.3
				WTL 4/2 STB
				WTL 4
				WTR 4
				WTR 4 STB
				KDKS 1/EN4
				KDKS 1 PE/35
				MAK 2.5 DB

<sup>1)</sup> Passed with lowered current rating

<sup>2)</sup> Passed with differing number of wires

<sup>3)</sup> Still in work

UL Rated Terminal Blocks																		
Wire Size AWG (mm²)																		
#30 (0.05)	#28 (0.08)	#26 (0.13)	#24 (0.21)	#22 (0.33)	#20 (0.5)	#18 (0.75)	#16 (1.5)	#14 (2.5)	#12 (4)	#10 (6)	#8 (10)	#6 (16)	#4 (25)	#2 (35)	#1 (40)	1/0 (50)	2/0 (70)	3/0 (80)
Number of the Same Size Wires per Terminal																		
4	4	4	4	4	4	3	3	2	1	-	-	-	-	-	-	-	-	-
-	-	-	-	4	4 (29 A) <sup>1)</sup>	3	3	2	1	1	-	-	-	-	-	-	-	-
-	-	-	-	4	4 (30 A) <sup>1)</sup>	3	3	3	2	1	1	-	-	-	-	-	-	-
-	-	-	-	4	4	4	4 (46 A) <sup>1)</sup>	3 (50 A) <sup>1)</sup>	2 (50 A) <sup>1)</sup>	1	1	1	-	-	-	-	-	-
-	-	-	-	-	-	-	4 (67 A) <sup>1)</sup>	4 (62 A) <sup>1)</sup>	3 (71 A) <sup>1)</sup>	2 (67 A) <sup>1)</sup>	1	1	1	-	-	-	-	-
-	-	-	-	-	-	-	-	3	3	3 (90 A) <sup>1)</sup>	2	2 (114 A) <sup>1)</sup>	1	1	1	-	-	-
4	4	4	4	4	4	3	3	2	1	-	-	-	-	-	-	-	-	-
-	-	-	-	4	4	3	3	2	1	1	-	-	-	-	-	-	-	-
-	-	-	-	4	4	3	3	3	2	1	1	-	-	-	-	-	-	-
-	-	-	-	4	4	4	4	3	2	1	1	1	-	-	-	-	-	-
-	-	-	-	-	-	-	4	4	3	2	1	1	1	-	-	-	-	-
-	-	-	-	-	-	-	-	3	3	3	2	2	1	1	1	-	-	-
4	4	4	4	4	4	3	2	2	1	-	-	-	-	-	-	-	-	-
4	4	4	4	4	4	3	2	2	1	-	-	-	-	-	-	-	-	-
-	-	4	4	4	3	1	1	1	-	-	-	-	-	-	-	-	-	-
4	4	4	4	4	4	3	3	2	1	-	-	-	-	-	-	-	-	-
-	-	4	4	4	3	1	1	1	-	-	-	-	-	-	-	-	-	-
4	4	4	4	4	4	3	3	2	1	-	-	-	-	-	-	-	-	-
-	-	4	4	4	3	1	1	1	-	-	-	-	-	-	-	-	-	-
-	-	4	4	4	2 <sup>2)</sup>	3	2	2	1	-	-	-	-	-	-	-	-	-
-	-	4	4	4	3	1	1	1	-	-	-	-	-	-	-	-	-	-
4	4	4	4	4	4	3	2	2	1	-	-	-	-	-	-	-	-	-
4	4	4	4	4	4	3	3	2	1	-	-	-	-	-	-	-	-	-
4	4	4	4	4	4	3	2	2	1	-	-	-	-	-	-	-	-	-
4	4	4	4	4	4	2	1	1	-	-	-	-	-	-	-	-	-	-
											2	2	1	1	1	1		
											2	2	1	1	1	1		
								5	5	5	2	2	2	1	1	1	1	
								5	5	5	2	2	2	1	1	1	1	
				4	4	3	2	1	1									
				4	4	3	2	1	1									
4	4	4 <sup>3)</sup>	4 <sup>3)</sup>	3 <sup>3)</sup>	3 <sup>3)</sup>	3 <sup>3)</sup>	3 <sup>3)</sup>	2 <sup>3)</sup>	1									
											2	2	1	1	1	1		
											2	2	1	1	1	1		
								5	5	5	2	2	2	1	1	1	1	
								5	5	5	2	2	2	1	1	1	1	
				4	4	3	2	1	1									
				4	4	3	2	1	1									
4	4	4	4	3	3	3	3	2	1									
covered by 1492-JD4C																		
covered by 1492-JD4C																		
				4 <sup>2)</sup>	4 <sup>2)</sup>	3 <sup>2)</sup>	3 <sup>2)</sup>	2 <sup>2)</sup>	1 <sup>2)</sup>	1 <sup>2)</sup>								
covered by 1492-JKD4Q																		
covered by 1492-JKD4Q																		
covered by 1492-JKD4Q																		
covered by 1492-JKD4Q																		
covered by 1492-JKD4Q																		
covered by 1492-JKD4Q																		
				4 <sup>2)</sup>	4 <sup>2)</sup>	3 <sup>2)</sup>	3 <sup>2)</sup>	2 <sup>2)</sup>	1 <sup>2)</sup>	1 <sup>2)</sup>								
covered by 1492-JKD4Q																		
				4 <sup>2)</sup>	4 <sup>2)</sup>	3 <sup>2)</sup>	3 <sup>2)</sup>	2 <sup>2)</sup>	1 <sup>2)</sup>	1 <sup>2)</sup>								
				4 <sup>2)</sup>	4 <sup>2)</sup>	3 <sup>2)</sup>	3 <sup>2)</sup>	2 <sup>2)</sup>	1 <sup>2)</sup>	1 <sup>2)</sup>								
covered by 1492-JKD4																		
covered by 1492-JDG3FB																		
4 <sup>2)</sup>	4 <sup>2)</sup>	4 <sup>2)</sup>	4 <sup>2)</sup>	4 <sup>2)</sup>	4 <sup>2)</sup>	3 <sup>2)</sup>	3 <sup>2)</sup>	2 <sup>2)</sup>	1 <sup>2)</sup>	1 <sup>2)</sup>								
4 <sup>2)</sup>	4 <sup>2)</sup>	4 <sup>2)</sup>	4 <sup>2)</sup>	4 <sup>2)</sup>	4 <sup>2)</sup>	3 <sup>2)</sup>	3 <sup>2)</sup>	2 <sup>2)</sup>	1 <sup>2)</sup>	1 <sup>2)</sup>								

# Connecting the terminals

## Cross-connections systems

Weidmüller can supply the cross-connections WQV and ZQV – fully insulated against electric shock – with various numbers of poles (2- to 20-pole). Please note that the rated voltage is reduced when using cross-connections.

Protection against electric shock is not provided at the ends of shortened cross-connections.

Such cross-connections must be used with partition plates or end plates in order to maintain the rated voltage.

## Leaf clamp conductor connection for large cross-sections

It is no longer the case that conductors with large cross-sections have to be forced into the clamping point. Instead, they can now be easily laid in the modular terminal.

In addition to the individual form, every type of terminal can also be supplied in the form of 3-, 4- and 5-pole blocks. All the blocks are permanently screwed together and therefore guarantee additional rigidity.

Direct mounting is possible thanks to the elongated holes on the underside of the terminals. Terminal blocks can be screwed directly to mounting plates with a 25 mm pitch.

The other advantages are:

- Constant force transfer through self-adjusting connection system
- Mounting in any direction
- Electric shock protection (finger-proof) to German standard VBG 4, also with cross-connections
- Extremely resistant to distortion



Open cover and remove screw assembly.



Insert conductor and replace screw assembly.



Close cover and tighten screw with Allen key.

# The use of aluminium conductors

Weidmüller modular terminals are suitable for the direct connection of **solid round and sector aluminium conductors**.

In contrast to copper, aluminium exhibits certain characteristics that must be taken into account when using this material as a conductor in electrical engineering.

A thin, non-conductive layer of oxide forms immediately on the unprotected surface of the aluminium as soon as it is exposed to the air.

This layer increases the contact resistance between the aluminium conductor and the current bar of the modular terminal. And that, in unfavourable conditions, can lead to poor contact.

And in stranded conductors the contact resistances of the individual strands are added together. Despite these disadvantages, aluminium conductors can be connected to Weidmüller modular terminals, provided the reduced rated currents for aluminium conductors and the following installation conditions are adhered to.

- Scrape the stripped end of the conductor carefully, eg. with a knife, to remove the layer of oxide.  
**Caution:** Do not use brushes, files or emery paper because particles of aluminium can be deposited on other conductors.
- After removing the layer of oxide, coat the end of the conductor immediately with a neutral grease, e.g. acid- and alkali-free Vaseline, and connect it to the terminal immediately.
- Repeat the above procedure if at any time the conductor is disconnected and reconnected.
- The above installation instructions are valid for solid round or sector aluminium conductors only.

## Solid round and sector conductors

Terminal type	Rated cross-section	Reduced rated current when connecting an aluminium conductor	Clamping screw thread size	Tightening torque
<b>W-Series</b>	mm <sup>2</sup>	„A“		Nm
WDU 2.5	2.5	20	M 2.5	0.5-0.8
WDU 4	4	27	M 3	0.6-1.0
WDU 6	6	35	M 3.5	1.2-1.6
WDU 10	10	48	M 4	2.0-2.4
WDU 16	16	64	M 5	3.0-4.0
WDU 35	35	105	M 6	4.0-6.0
WDU 70	70	163	M 8	10.0-12.0
WDU 120	120	230	M 10	15.0-20.0
WDU 240	240	–	M 10	12.0-20.0
<b>SAK-Series</b>				
SAK 2.5	2.5	20	M 2.5	0.5-0.8
SAK 4	4	27	M 3	0.6-1.0
SAK 6	6	35	M 3.5	1.2-1.6
SAK 10	10	48	M 4	2.0-2.4
SAK 16	16	64	M 4	2.0-2.4
SAK 35	35	105	M 6	4.0-6.0

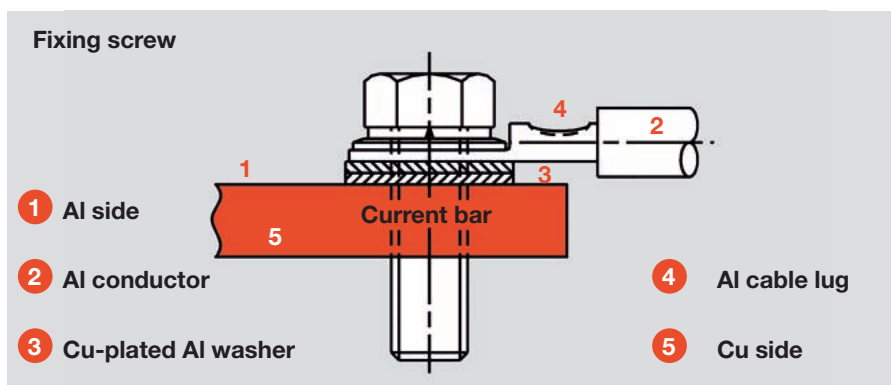
## Stranded conductors

W-Series				
Terminal type	Rated cross-section	Reduced rated current	Clamping screw thread size	Tightening torque
WFF 35	35	105	M 6	3.0-6.0
WFF 70	70	163	M 8	6.0-12.0
WFF 120	120	230	M 10	10.0-20.0
WFF 185	185	300	M 12	15.5-31.0
WFF 300	300	409	M 16	30.0-60.0

### Installation advice when using flat cable lugs

When tightening the terminal it is advisable to hold the conductor to prevent deformation of the terminal rail and to avoid twisting the foot of the terminal. When connecting **stranded aluminium conductors** to modular terminals, it is advisable to use an aluminium cable lug chosen to match the type of conductor and connected according to the instructions of the cable lug manufacturer. It is

necessary to fit a copper-plated aluminium washer between the aluminium cable lug and the copper current bar of the modular terminal. This is the only way of guaranteeing a reliable transition between the copper and the aluminium. Fit the washer in such a way that the copper side is in contact with the current bar, and the aluminium side in contact with the cable lug.





# ATEX terminals blocks

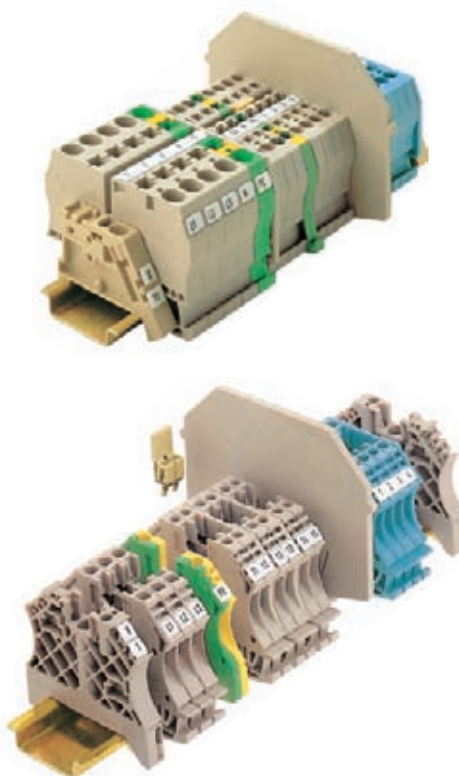
## Modular terminals for explosive conditions – complying with the European ATEX Directive 94/9/EC

### Principles

IEC 60947-7-1 (EN 60 947-7-1/VDE 0611pt.1) and IEC 60 947-7-2 (EN 60 947-7-2/ VDE 0611pt.3) specify the basic provisions for modular terminals or PE terminals. In addition, when used in hazardous areas the standard EN 60079-0 applies; where increased safety 'e' is required EN 60079-7 applies. According to EN 60079-0 modular terminals for explosive conditions are so-called explosion-proof components. Components are those parts and assemblies that are necessary for the safe operation of devices and protective systems without themselves fulfilling an autonomous function. In accordance with the European ATEX Directive 94/9/EC the components do not carry the CE mark. Modular terminals for explosive areas are certified for the increased safety "e" type of protection.

The certifying body approved under the Directive RL 94/9/EC issue EC Type Approval Certificates in accordance with EN 60079-0/60079-7 and the ATEX Directive 94/9/EC. By issuing the 'Production Quality Assurance Notification' the approved certifying authority KEMA confirms that the manufacturer has fulfilled the requirements contained in the ATEX Directive in accordance with the Appendices IV and VII. Copies of the EC Type Approval Certificates, the notifying committee and the Declarations of Conformity are available via the Internet.

The clamping yoke, tension clamp, insulation displacement and the Push In terminal block system offer increased protection against accidental loosening and have been designed in such a manner that the ends of flexible wire conductors need no preparation.



#### Marking

**RL94/9EG:** Ⓔ II 2 G-D

- Ⓔ Equipment for explosive conditions
- II 2-G Equipment group II category 2 (Zone 1 equipment)
- II 2-D Equipment group II category 2 (Zone 21 equipment)

**EN 60079-7:** Ex e II

- Ex Explosion protection
- e Increased safety
- II Equipment group

**KEMA 97ATEX4677U** (example)

- KEMA Notified body
- ATEX Conformity with 94/9/EG
- U Component

## Certified for the European Directive 94/9/EG – ATEX –

### Electrical data

The values for current-carrying capacity as stated in the catalogue are based on an ambient temperature of 40°C. When loaded with the rated current + 10%, the temperature of the current bar of the modular terminal may not rise more than 40 K.

Taking into account a further safety factor according to EN 60079-0, we reach the following definitions:

Temperature class	Ambient temperature
T6	-50 °C to +40 °C
T5 to T1	-50 °C to +55 °C

## Current-carrying capacity of cables and lines

### Rated currents

Cross-sect.	VDE 0298 part 4 (IEC364-5-523) Current-carrying capacity of lines		EN 60079-7 2nd edition Type of ignition "increased safety" Connection terminals Ambient temperature 40 °C, 40 K temperature rise Current equivalent to the conductor connected A
	Ambient temperature 30 °C Factor 1.0 - Installation type C + 3 current-carrying wires PVC 70 °C A	Ambient temperature 40 °C Factor 0.87 - Installation type C + 3 current-carrying wires PVC 70 °C A	
1.5	17.5	15.225	15
2.5	24	20.88	21
4	32	27.84	28
6	41	35.67	36
10	57	49.59	50
16	76	66.12	66
25	101	87.87	88
35	125	108.75	109
50	150	130.5	131
70	192	167.04	167
90	232	201.84	202
120	269	234.03	234
150	309	268.83	267
185	353	307.11	307
240	415	361.05	361
300	520	452.4	452

The current-carrying capacity of cables and lines in the installation is defined by VDE 0298 part 4 as normal at an ambient temperature of 30 °C. At 40 °C the operating current must be reduced by a factor of 0.87.

If the actual ambient temperature is higher, then the permissible rated current must be reduced accordingly.

The continuous operating temperature to EN 60079-0 for the material KRG is 130 °C, for Wemid it is 120 °C and for the material PA it is 80 °C.

### Accessories

The accessories listed can be used and included in the ATEX certification. Where necessary, end plates or partitions must be installed as described to ensure adherence to creepage and clearance distances for Ex e applications.

## Design for Ex i

Terminals for intrinsically-safe circuits ("i") are passive components. Therefore, for use in intrinsically-safe circuits, you do not need an EC-standard examination certificate. The blue terminals are recommended for clear labelling and easy recognition. The construction type of these terminals must comply with EN 60079-11.

Additional information about using the Weidmüller terminals in intrinsically-safe circuits can be requested from the manufacturer.

### Accessories

The accessories listed can be used and comply with EN 60079-11.

## Installation

The general statements regarding standard applications are also valid for Ex i applications. In particular, the Ex i requirements always apply to the entire circuit, i.e. also to parts in areas not at risk of explosion.

## Clamping of two conductors in Ex e applications

It is generally permitted to connect two conductors per clamping point in all the terminals of our W-Series. However, please make sure that these have the same cross-section and do not exceed the rated cross-section.



# ATEX directives

Since July 1, 2003, all new facilities in explosion risk zones must be certified according to ATEX Directive 94/9/EG or ATEX 95 (ATEX: ATmosphère EXplosive = explosive atmosphere). This directive is one of the “New-Approach” directives. It is valid in all European Union countries, as well as Iceland, Lichtenstein and Norway. In these countries, the directive refers to the sale and commissioning of products which have been designed particularly for high explosion risk environments (where explosive atmospheres exist due to gases, vapours, mists, or dusts). It now also covers the mining sector and purely mechanical devices.

## Class of protection

Type of protection	Code	CENELEC EN	IEC	Product category explosion protect.
General requirements	–	60079-0	60079-0	–
Oil immersion	o	60079-6	60079-6	2
Pressurised apparatus	p	60079-2	60079-2	2
Powder filling	q	60079-5	60079-5	2
Flameproof enclosure	d	60079-1	60079-1	2
Increased safety	e	60079-7	60079-7	2
Intrinsic safety	ia	60079-11	60079-11	1
Intrinsic safety	ib	60079-11	60079-11	2
Intrinsic safety	ic	60079-11	60079-11	3
Type n (Ex n)	n	60079-15	60079-15	3
Encapsulation	m	60079-18	60079-18	2

## Classification for potentially explosive areas

CENELEC classification IEC60079-10	Presence of potentially explosive atmosphere	Product category	US classification NEC 500	Combustible media
Zone 0	permanent, long-term	1G	Class I, Div 1	gases, vapours
Zone 20	or frequently	1D	Class II, Div 1	dust
Zone 1	occasionally	2G	Class I, Div 1	gases, vapours
Zone 20		2D	Class II, Div 1	dust
Zone 2	rarely and	3G	Class I, Div 2	gases, vapours
Zone 22	briefly	3D	Class II, Div 2	dust

## Explosion groups

Gas (e.g.)	CENELEC	NEC 500
Propane	IIA	D
Ethylene	IIB	C
Hydrogen	IIC	B
Acetylene	IIC	A
Methane (mining)	I	mining (MSHA)

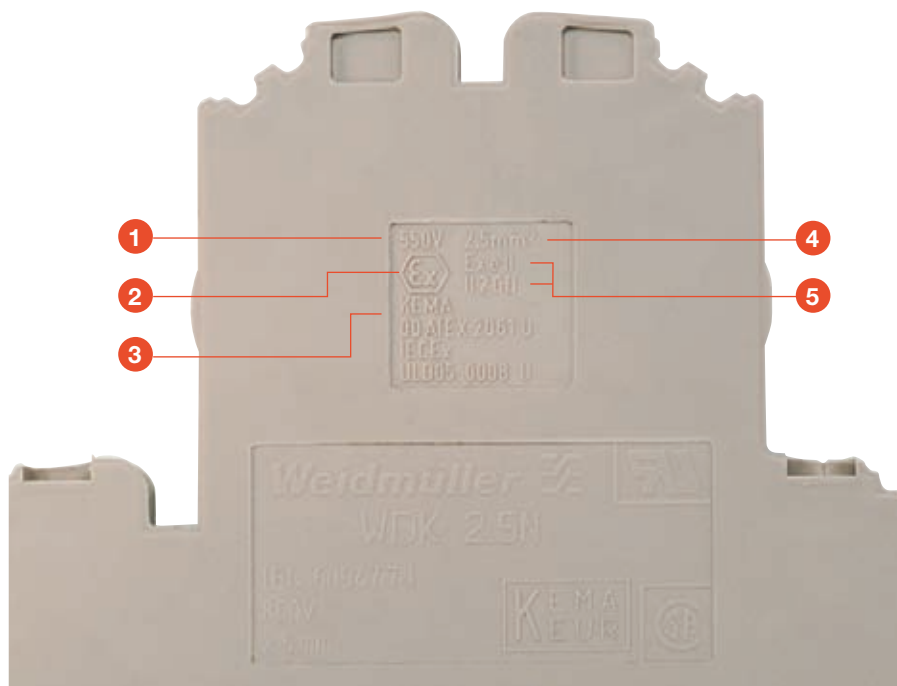
## Temperature classes

Max. surface temperature (°C)	Temperature class CENELEC	Temperature class NEC 500-3
450	T1	T1
300	T2	T2
280	–	T2A
260	–	T2B
230	–	T2C
215	–	T2D
200	T3	T3
180	–	T3A
165	–	T3B
160	–	T3C
135	T4	T4
120	–	T4A
100	T5	T5
85	T6	T6

# ATEX codes

## Example of marking – modular terminal WDK 4 N V

- 1 • Rated voltage
- 2 • European symbol for explosion protection.
- 3 • Certificate number
- 4 • Rated conductor cross-section
- 5 • CENELEC explosion protection type „e“ – Group II (gases, vapours, mists)
  - Device category 2 – Application in Zone 1 or 2
  - Approval for applications in gases („G“) or dusts („D“).

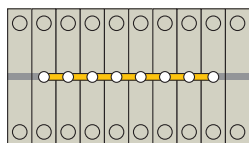


# ATEX cross-connection instructions

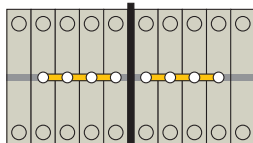
## Arrangements of terminals and cross-connections

The maximum voltages for Ex e applications given below are determined on the basis of the terminals used, their cross-connections and which of the arrangements (A to J) is used.

### A Continuous

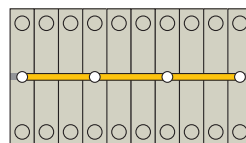


### C Adjacent (used with QV) separated with a partition

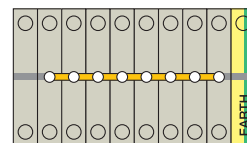


### D Bypassing

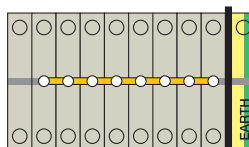
bridging one or several unconnected terminals (e.g. every third)



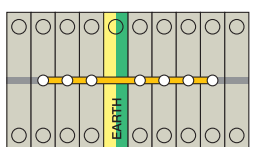
### E Adjacent to a PE terminal (earth) Without partition



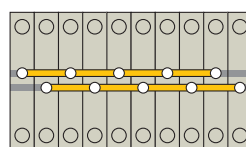
### F Adjacent to a PE terminal (earth) with partition



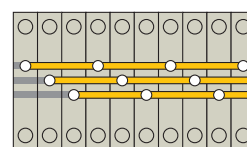
### G Bypassing a PE terminal (earth)



### H 2 parallel cross-connections



### I 3 parallel cross-connections



## Maximum voltage

Range <sup>1)</sup>	Certificate No.	Rated voltage / V	Rated current / A	Rated current with QV / A	Nominal cross-section / mm <sup>2</sup>
<b>AKZ...</b>					
AKZ 1.5	SIRA 02ATEX3001 U	176	15	15	1,5
AKZ 2.5	SIRA 02ATEX3001 U	176	21	21	2,5
AKZ 4	SIRA 02ATEX3001 U	275	28	28	4
<b>BK...</b>					
BK 2/E ... BK 12/E	SIRA 01ATEX3247 U	275	28	25	4
<b>DK 4 ...</b>					
DK 4	SIRA 02ATEX3316 U	275	28	21	4
DK 4Q	SIRA 02ATEX3316 U	275	28	21	4
DK 4QV	SIRA 02ATEX3316 U	275	28	21	4
<b>I ... Series</b>					
IDK 1.5N	KEMA 02ATEX2241 U	275	15	15	1,5
IDK 1.5N/V	KEMA 02ATEX2241 U	275	15	15	1,5
IDU 1.5N	KEMA 02ATEX2241 U	275	15	15	1,5
IDU 1.5N/2x2AN	KEMA 02ATEX2241 U	275	15	15	1,5
IDU 1.5N/ZF	KEMA 02ATEX2241 U	275	15	15	1,5
IDU 1.5N/3AN/ZF	KEMA 02ATEX2241 U	275	15	15	1,5
IDU 1.5N/ZB	KEMA 02ATEX2241 U	275	15	15	1,5
IDU 1.5N/3AN/ZB	KEMA 02ATEX2241 U	275	15	15	1,5
IDU 2.5N	DEMKO 03ATEX134054 U	550	21	21	2,5
IDU 2.5N/3AN	DEMKO 03ATEX134054 U	550	21	21	2,5
IDU 2.5N/4AN	DEMKO 03ATEX134054 U	550	21	21	2,5
IDU 2.5N/2x2AN	DEMKO 03ATEX134054 U	550	21	21	2,5
IDU 2.5N/ZF	DEMKO 03ATEX134054 U	550	21	21	2,5
IDU 2.5N/ZB	DEMKO 03ATEX134054 U	550	21	21	2,5
<b>MK ...</b>					
MK 3/.../E	SIRA 01ATEX3248U	275	21	21	2,5
MK 6/.../E	SIRA 01ATEX3249U	440	36	36	6

<sup>1)</sup> Please refer to the catalogue and the certificate for details of precisely which article is approved.

Maximum voltage (V)							
(letters refer to the above diagrams)							
A	C	D	E	F	G	H	I
176	176	--	176	176	--	--	--
176	176	--	176	176	--	--	--
275	275	--	275	275	--	--	--
176	--	--	--	--	--	--	--
275	275	--	275	275	--	--	--
275	275	--	275	275	--	--	--
275	275	--	275	275	--	--	--
275	275	275	--	--	--	--	--
275	275	275	275	275	275	275	--
275	275	275	275	275	275	275	--
275	275	275	275	275	275	275	--
550	550	550	550	550	550	--	--
550	550	550	550	550	550	--	--
550	550	550	550	550	550	--	--
550	550	550	550	550	550	--	--
550	550	275	550	550	275	--	--
550	550	275	550	550	275	--	--
176	--	--	--	--	--	--	--
275	--	--	--	--	--	--	--

## Maximum voltage

Range <sup>1)</sup>	Certificate No.	Rated voltage	Rated current	Rated current with QV	Nominal cross-section
P ...		/ V	/ A	/ A	/ mm <sup>2</sup>
PDU 2.5/4	KEMA 06ATEX0177U	550	29	25,5	4
PDU 2.5/4/3AN	KEMA 06ATEX0177U	550	29	25,5	4
PDU 2.5/4/4AN	KEMA 06ATEX0177U	550	29	26,5	4
PDU 6/10	KEMA 06ATEX0177U	550	37	26,5	6
PDU 6/10/3AN	KEMA 06ATEX0177U	550	36,5	29,5	6
PDU 16	KEMA 06ATEX0177U	550	59	57,5	16
PEI 16	KEMA 06ATEX0177U	550	66,5	25 (37) <sup>4)</sup>	16
<b>SAK ...TS 32/TS 35</b>					
SAK 2.5	KEMA 97ATEX1798 U	550	21	21	2,5
SAK 4	KEMA 97ATEX1798 U	550	28	28	4
SAK 6N	KEMA 97ATEX1798 U	550	36	36	6
SAK 10	KEMA 97ATEX1798 U	550	50	50	10
SAK 16	KEMA 97ATEX1798 U	690	66	66	16
SAK 35	KEMA 97ATEX1798 U	550	109	99	35
<b>SAK ... EN on TS32</b>					
SAK 2.5 EN	KEMA 97ATEX1798 U	440	21	21	2,5
SAK 4 EN	KEMA 97ATEX1798 U	440	28	28	4
SAK 6N EN	KEMA 97ATEX1798 U	440	36	36	6
SAK 10 EN	KEMA 97ATEX1798 U	440	50	50	10
SAK 16 EN	KEMA 97ATEX1798 U	440	66	66	16
SAK 35 EN	KEMA 97ATEX1798 U	440	109	109	35
<b>SAK ... EN on TS35</b>					
SAK 2.5 EN	KEMA 97ATEX1798 U	690	21	21	2,5
SAK 4 EN	KEMA 97ATEX1798 U	690	28	28	4
SAK 6N EN	KEMA 97ATEX1798 U	690	36	36	6
SAK 10 EN	KEMA 97ATEX1798 U	690	50	50	10
SAK 16 EN	KEMA 97ATEX1798 U	690	66	66	16
SAK 35 EN	KEMA 97ATEX1798 U	690	109	109	35
<b>SAK 4 EP/SAKH 6-35 EP</b>					
SAK 4 EP/SW	KEMA05ATEX2061U	550	32	32	4
SAKH 6 EP/SW	KEMA05ATEX2061U	1100	57	57	10
SAKH 10 EP/SW	KEMA05ATEX2061U	1100	57	57	10
SAKH 35 EP/SW	KEMA05ATEX2061U	1100	125	125	35
<b>SAKK ...</b>					
SAKK 4	SIRA 03 ATEX3425 U	275	28	28	4
SAKK 10	SIRA 03 ATEX3425 U	275	50	50	10
<b>W ...</b>					
WDK 1.5/R3.5	KEMA 99ATEX6545 U	275	14	11	1,5
WDK 2.5	KEMA 98ATEX1687 U	275	21	21	2,5
WDK 2.5V	KEMA 98ATEX1687 U	275	21	21	2,5
WDK 2.5DU-PE	KEMA 98ATEX1687 U	275	21	21	2,5
WDK 2.5/EX	KEMA 98ATEX1687 U	440	24	22	2,5
WDK 2.5N	KEMA 00ATEX2061 U	550	21	21	2,5
WDK 2.5N V	KEMA 00ATEX2061 U	550	21	21	2,5
WDK 4N	KEMA 00ATEX2061 U	550	28	28	4
WDK 4N V	KEMA 00ATEX2061 U	550	28	28	4
WDU 1.5/ZZ	KEMA 98ATEX1685 U	550	15	15	1,5
WDU 2.5/1.5/ZR	KEMA 98ATEX1685 U	550	15	15	1,5
WDU 1.5/R3.5	KEMA 99ATEX6545 U	275	15	11	1,5
WDU 2.5N	KEMA 98ATEX1683 U	440	21	21	2,5
WDU 2.5	KEMA 98ATEX1683 U	550	21	21	2,5
WDU 4	KEMA 98ATEX1683 U	690	28	28	4
WDU 4N	TÜV 04ATEX2630 U	440	27	27	4
WDU 6	KEMA 98ATEX1683 U	550	36	36	6
WDU 10	KEMA 98ATEX1683 U	550	50	50	10
WDU 16	KEMA 98ATEX1683 U	690	66	66	16
WDU 35	KEMA 98ATEX1683 U	690	109	109	35
WDU 50N	KEMA 98ATEX1683 U	690	126	126	50
WDU 70N	KEMA 98ATEX1683 U	690	167	167	70
WDU 70/95	KEMA 98ATEX1686 U	690	202	202	95

<sup>1)</sup> Please refer to the catalogue and the certificate for details of precisely which article is approved.<sup>4)</sup> For PDU2.5/4 and ZQV 2.5 cross-connection: 25 A; For PDU 6/10 and ZQV 6N cross-connection: 37 A

Maximum voltage (V)							
(letters refer to the above diagrams)							
A	C	D	E	F	G	H	I
275	550	176	275	275	176	176	
275	550	176	275	275	176	176	
275	550	176	275	275	176	176	
550	550	275	550	550	--	220	
550	550	275	550	550	--	220	
275	550	--	275	275	--	110	
275	--	--	--	--	--	--	
550	550	176	550	550	--	--	--
550	550	176	550	550	--	--	--
550	550	176	550	550	--	--	--
550	550	176	550	550	--	--	--
550	550	176	550	550	--	--	--
440	440	440	440	440	--	--	--
440	440	440	440	440	--	--	--
440	440	440	440	440	--	--	--
440	440	440	440	440	--	--	--
440	440	440	440	440	--	--	--
440	440	440	440	440	--	--	--
690	690	440	690	690	--	--	--
690	690	690	690	690	--	--	--
690	690	690	690	690	--	--	--
690	690	690	690	690	--	--	--
690	690	690	690	690	--	--	--
690	690	690	690	690	--	--	--
550	550	176	550	550	--	--	--
1100	1100	176	1100	1100	--	--	--
1100	1100	176	1100	1100	--	--	--
1100	1100	440	1100	1100	--	--	--
275	275	--	275	275	--	--	--
275	275	--	275	275	--	--	--
176	275	--	--	--	--	--	--
275	275	60	275	275	60	--	--
275	275	60	275	275	60	--	--
275	275	60	275	275	60	--	--
440	440	176	440	440	176	--	--
550	550	275	550	550	275	--	--
550	550	275	550	550	275	--	--
550	550	275	550	550	275	--	--
550	550	110	550	550	110	110	--
550	550	110	550	550	110	110	--
176	275	--	--	--	--	--	--
440	440	110	440	440	110	--	--
550	550	110	440	550	110	110 <sup>2)</sup>	60 <sup>3)</sup>
690	690	110	440	690	110	--	--
440	275	69	440	440	69	69	--
550	550	110	440	550	110	--	--
550	550	110	440	550	110	--	--
690	690	110	690	690	110	--	--
690	690	110	690	690	110	--	--
550	--	--	550	550	--	--	--
550	--	--	550	550	--	--	--
690	--	--	690	690	--	--	--

<sup>2)</sup> The outer cross-connection openings must be used for type ZQV.<sup>3)</sup> Only possible with ZQV.

## Maximum voltage

Range <sup>1)</sup>	Certificate No.	Rated voltage	Rated current	Rated current with QV	Nominal cross-section
W ...		/ V	/ A	/ A	/ mm <sup>2</sup>
WDU 95N/120N	KEMA 98ATEX1683 U	880	243	243	120
WDU 120/150	KEMA 98ATEX1686 U	1100	234	234	120
WDU 240	KEMA 01ATEX2186 U	1100	350	270	240
WDU 4 SL	SIRA 02ATEX3242 U	275	28	28	4
WDU 6 SL	SIRA 02ATEX3242 U	275	36	36	6
WDU 10 SL	SIRA 02ATEX3242 U	275	50	50	10
<b>Z ...</b>					
ZDK 2.5/1.5	KEMA 97ATEX4677 U	275	18	18	2,5
ZDK 2.5/1.5V	KEMA 97ATEX4677 U	420	20	19	2,5
ZDK 2.5/1.5NDU	KEMA 97ATEX4677 U	275	20	20	2,5
ZDK 2.5/1.5NPE	KEMA 97ATEX4677 U	275	20	20	2,5
ZDK 2.5/1.5DU-PE	KEMA 97ATEX4677 U	275	20	20	2,5
ZDK 2.5-2	KEMA 97ATEX4677 U	550	20	18	2,5
ZDK 2.5-2V	KEMA 97ATEX4677 U	550	22	18	2,5
ZDK 2.5-2DU-PE	KEMA 97ATEX4677 U	550	20	18	2,5
ZDK 2.5/3AN	KEMA 06ATEX0271U	550	21,5	21	2,5
ZDK 2.5/3AN V	KEMA 06ATEX0271U	550	21	18,5	2,5
ZDK 2.5/3AN DU-PE	KEMA 06ATEX0271U	550	21	21	2,5
ZDU 1.5	KEMA 01ATEX2106 U	550	15	15	1,5
ZDU 1.5/3AN	KEMA 01ATEX2106 U	550	15	15	1,5
ZDU 1.5/4AN	KEMA 01ATEX2106 U	550	15	15	1,5
ZDU 2.5	KEMA 97ATEX2521 U	550	21	21	2,5
ZDU 2.5/3AN	KEMA 97ATEX2521 U	550	21	21	2,5
ZDU 2.5/4AN	KEMA 97ATEX2521 U	550	21	21	2,5
ZDU 2.5N	KEMA 06ATEX0271U	550	20,5	19	2,5
ZDU 2.5N/3AN	KEMA 06ATEX0271U	550	21,5	21	2,5
ZDU 2.5N/4AN	KEMA 06ATEX0271U	550	21	20	2,5
ZDU 4	KEMA 97ATEX2521 U	550	28	28	4
ZDU 4/3AN	KEMA 00ATEX2107 U	550	28	28	4
ZDU 4/4AN	KEMA 00ATEX2107 U	550	28	28	4
ZDU 6	KEMA 97ATEX2521 U	550	36	36	6
ZDU 6/3AN	KEMA 00ATEX2107 U	550	36	36	6
ZDU 10	KEMA 99ATEX5514 U	550	50	50	10
ZDU 10/3AN	KEMA 00ATEX2107 U	550	50	50	10
ZDU 16	KEMA 99ATEX5514 U	550	66	66	16
ZDU 35	KEMA 00ATEX2107 U	690	109	100	35
ZDU 2.5-2/2AN	KEMA 97ATEX4677 U	550	21	20	2,5
ZDU 2.5-2/3AN	KEMA 97ATEX4677 U	550	21	21	2,5
ZDU 2.5-2/4AN	KEMA 97ATEX4677 U	550	21	21	2,5
ZDU 4-2/2AN	KEMA 97ATEX4677 U	550	28	26	4
ZDU 4-2/3AN	KEMA 97ATEX4677 U	550	28	26	4
ZDU 4-2/4AN	KEMA 97ATEX4677 U	550	28	26	4
ZDU 6-2/2AN	KEMA 97ATEX4677 U	550	36	30	6
ZDU 6-2/3AN	KEMA 97ATEX4677 U	550	36	36	6
ZDUA 2.5-2	KEMA 97ATEX4678 U	275	20	19	2,5

<sup>1)</sup> Please refer to the catalogue and the certificate for details of precisely which article is approved.

## Maximum voltage (V)

(letters refer to the above diagrams)

A	C	D	E	F	G	H	I
880	--		880	880	--	--	--
1100	--	--	1100	1100	--	--	--
--	--	--	--	--	--	--	--
275	275	176	275	275	176	176	--
275	275	176	275	275	176	176	--
275	275	176	275	275	176	176	--
275	275	275	275	275	275	--	--
275	275	275	275	275	275	--	--
275	275	275	275	275	275	--	--
275	275	275	275	275	275	--	--
440	440	275	440	440	275	--	--
440	440	275	440	440	275	--	--
440	440	275	440	440	275	--	--
275	275	275	275	275	--	--	--
275	275	275	275	275	--	--	--
275	275	176	275	275	176	176	--
275	275	176	275	275	176	176	--
275	275	176	275	275	176	176	--
275	275	275	275	275	275	60	--
275	275	275	275	275	275	--	--
275	275	275	275	275	275	--	--
440	550	275	440	440	--	--	--
440	550	275	440	440	--	--	--
440	550	275	440	440	--	--	--
275	275	275	275	275	275	--	--
550	550	275	--	--	--	--	--
550	550	275	--	--	--	--	--
275	275	275	275	275	275	--	--
550	550	275	--	--	--	--	--
550	--	--	--	--	--	--	--
550	550	--	--	--	--	--	--
550	--	--	--	--	--	--	--
550	550	--	550	550	--	--	--
440	440	275	440	--	275	176	--
440	440	275	440	--	275	176	--
440	440	275	440	--	275	176	--
440	440	275	440	--	275	110	--
440	440	275	440	--	275	110	--
440	440	110	440	--	110	--	--
440	440	110	440	--	110	--	--
275	275	110	275	275	110	--	--

# Index

<b>Index</b>	Index Type / Index Order No.	X.2
	Addresses worldwide	X.38

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
<b>A</b>			BEST/D	1878560000	E.32	BSTB 28/4 BK U 1-4	0197300000	G.15	DEK 5 FS 551-600	0473560551	G.39
ADAPTER ALU STI-S	1762440000	G.56	BEST/D	1878560000	B.16	BSTB 28/4 BK U 1-4	0197300000	G.16	DEK 5 FS 601-650	0473560601	G.39
ADAPTER ALU STI-S	1762440000	G.57	BEST/D	1878560000	B.34	BSTB 28/6 BK U 1-6	0197500000	G.15	DEK 5 FS 651-700	0473560651	G.39
ADHB/8 WTL35	2334730000	E.61	BEST/D	1878560000	C.19	BSTB 28/6 BK U 1-6	0197500000	G.16	DEK 5 FS 701-750	0473560701	G.39
ADL	0210800000	E.116	BEST/D	1878560000	C.47	BSTB 28/6 MK U 1-6	0290000000	G.12	DEK 5 FS 751-800	0473560751	G.39
ADP 1/HP1 1M	0485200000	E.118	BEST/D	1878560000	D.142	BSTB 28/6 MK U 1-6	0290000000	G.16	DEK 5 FS 801-850	0473560801	G.39
ADP 2/HP2 1M	0485300000	E.118	BEST/D	1878560000	D.54	BSTB 28/8 MK U 1-8	0290200000	G.12	DEK 5 FS 851-900	0473560851	G.39
ADP 3/HP3 1M	0485400000	E.118	BEST/D	1878560000	D.80	BSTB 28/8 MK U 1-8	0290200000	G.16	DEK 5 FS 901-950	0473560901	G.39
ADP 4/1000	1430760000	E.118	BEST/D	1878560000	E.139	BSTO 28/12 BK	0198700000	G.15	DEK 5 FS 951-999	0473560951	G.39
ADP 4/300	1378160000	E.118	BEST/D	1878560000	E.33	BSTO 28/12 BK	0198700000	G.12	DEK 5 FSZ 1-10	0460660001	G.39
ADP WF10/WF12	1780940000	E.105	BEST/DRBR	1878560000	B.14	BSTO 28/12 MK	0245800000	G.16	DEK 5 FSZ 11-20	0460660011	G.39
ADP WF10/WF12	1780940000	E.106	BEST/DRBR	1878560000	B.15	BSTO 28/12 MK	0245800000	G.16	DEK 5 FSZ 18,20,...32	0582360018	G.39
ADP WF10/WF12	1780940000	E.107	BEST/DRBR	1878560000	B.17	BSTO 28/12/6,35	0245600000	G.12	DEK 5 FSZ 2.4,6,...16	0582360002	G.39
ADP WF6/WF8	1780930000	E.104	BEST/DRBR	1878560000	B.18	BSTO 28/16 MK 4/16	0262100000	G.13	DEK 5 FSZ 21-30	0460660021	G.39
ADP WF6/WF8	1780930000	E.105	BEST/DRBR	1878560000	B.18	BSTO 28/2 BK	0203500000	G.15	DEK 5 FSZ 31-40	0460660031	G.39
AK 95	0364200000	G.21	BEST/DRBR	1878560000	C.52	BSTO 28/2 BK	0203500000	G.16	DEK 5 FSZ 41-50	0460660041	G.39
AKE 2.5	1303360000	E.97	BEST/DRBR	1878560000	D.53	BSTO 28/3 BK	0203700000	G.15	DEK 5 FSZ 51-60	0460660051	G.39
AKE 4	0380260000	E.97	BEST/DRBR	1878560000	D.53	BSTO 28/3 BK	0203700000	G.16	DEK 5 FSZ 61-70	0460660061	G.39
AKKU DMS 3	9007450000	G.71	BEST/DRBR	1878560000	E.29	BSTO 28/4 BK	0197200000	G.15	DEK 5 FSZ 71-80	0460660071	G.39
AKZ 1.5	0340460000	E.96	BEST/DRBR	1878560000	E.32	BSTO 28/4 BK	0197200000	G.16	DEK 5 FSZ 81-90	0460660081	G.39
AKZ 1.5 BL	0340480000	E.96	BEST/DRBR	1878560000	B.16	BSTO 28/4 MK3/4	0289300000	G.12	DEK 5 FS 91-100	0460660091	G.39
AKZ 2.5	0697160000	E.96	BEST/DRBR	1878560000	B.34	BSTO 28/4 MK3/4	0289300000	G.16	DEK 5 FW 1,3,5,...99	1358460000	G.39
AKZ 2.5 BL	0697180000	E.96	BEST/DRBR	1878560000	C.19	BSTO 28/6 BK	0197400000	G.15	DEK 5 FW 101-150	0473460101	G.39
AKZ 4 WEMID	9537110000	E.97	BEST/DRBR	1878560000	C.47	BSTO 28/6 BK	0197400000	G.16	DEK 5 FW 10-50	0132660010	G.39
AKZ 4 WEMID BL	1038680000	E.97	BEST/DRBR	1878560000	D.142	BSTO 28/6 MK	0289500000	G.12	DEK 5 FW 1-50	0473460001	G.39
Alu-Top 30	1778260000	H.3	BEST/DRBR	1878560000	D.54	BSTO 28/6 MK	0289500000	G.16	DEK 5 FW 151-200	0473460151	G.39
AM 16	9204190000	G.64	BEST/DRBR	1878560000	D.80	BSTO 28/8 MK3/8	0284700000	G.12	DEK 5 FW 2,4,...100	1358560000	G.39
AP 100 GR	1773410000	E.116	BEST/DRBR	1878560000	E.139	BSTO 28/8 MK3/8	0284700000	G.16	DEK 5 FW 201-250	0473460201	G.39
AP AKZ1.5	0340560000	E.115	BEZ.-KARTE ADP	0566700000	E.118	BTWJ KLBUE	1742630000	G.8	DEK 5 FW 251-300	0473460251	G.39
AP AKZ1.5 BL	0340580000	E.115	BFEH 1/WSH	1082400000	G.7	BUE SPLX	9005450000	G.65	DEK 5 FW 301-350	0473460301	G.39
AP AKZ1.5 BL	0340580000	E.96	BFEL + BEMU WEW WTL 35	1964820000	E.61	BZT 1 WS 10/5	1805490000	B.32	DEK 5 FW 351-400	0473460351	G.39
AP AKZ2.5	0697360000	E.116	BFSC M3X22 SAKT4	1319900000	E.56	BZT 1 WS 10/5	1805490000	D.138	DEK 5 FW 401-450	0473460401	G.39
AP AKZ2.5 BL	0697380000	E.115	BFSC M4X30	0267100000	G.20	BZT 1 ZA WS 10/5	1805520000	B.32	DEK 5 FW 451-500	0473460451	G.39
AP AKZ2.5 BL	0697380000	E.96	BFSC M4X9T	0103300000	E.42	BZT 1 ZA WS 10/5	1805520000	D.138	DEK 5 FW 501-550	0473460501	G.39
AP AKZ2.5 BL	0697380000	E.96	BFSC M4X9T	0103300000	E.40	BZT 1 ZA WS 10/5	1805520000	G.48	DEK 5 FW 51-100	0473460051	G.39
AP AKZ2.5 BL	0697380000	E.96	BFSC M4X9T	0103300000	E.23	BZT 1 ZA WS 10/5	1805520000	G.48	DEK 5 FW 551-600	0473460551	G.39
AP AKZ2.5 BL	0697380000	E.96	BFSC M4X9T	0103300000	G.43	BZT 2 WS 10/5	1805480000	B.32	DEK 5 FW 601-650	0473460601	G.39
AP AKZ2.5 BL	0697380000	E.96	BFSC M5X8 Schlitz	0296700000	G.19	BZT 2 WS 10/5	1805480000	D.138	DEK 5 FW 651-700	0473460651	G.39
AP AKZ2.5 BL	0697380000	E.96	BIT E6.3 Z 0.6X3.5X39	9025570000	G.80	BZT 2 WS 10/5	1805480000	G.48	DEK 5 FW 701-750	0473460701	G.39
AP AKZ4	0294460000	E.116	BIT E6.3 Z 0.8X4.0X39	9025590000	G.80	BZT 2 ZA WS 10/5	1805530000	B.32	DEK 5 FW 751-800	0473460751	G.39
AP AKZ4 BL	0294480000	E.116	BK 12 CRN	0625320000	G.15	BZT 2 ZA WS 10/5	1805530000	D.138	DEK 5 FW 801-850	0473460801	G.39
AP AKZ4 BL	0294480000	E.97	BK 12/E	7906100000	G.16	BZT 2 ZA WS 10/5	1805530000	G.48	DEK 5 FW 851-900	0473460851	G.39
AP AKZ4 DB	9537910000	E.116	BK 2 CRN	0624720000	G.15	BZT ZTL6	1781140000	D.111	DEK 5 FW 901-950	0473460901	G.39
AP AKZ4 KRG	0294420000	E.116	BK 2/E	7906040000	G.16	BZT ZTL6	1781140000	D.110	DEK 5 FW 951-999	0473460951	G.39
AP AKZ4 KRS	0294430000	E.116	BK 3 CRN	0624920000	G.15				DEK 5 FW U1-PE1	0133161114	G.39
AP DLD2.5 DB	1784210000	E.115	BK 3/E	7906060000	G.16				DEK 5 FW U2-PE2	0133161115	G.39
AP DLD2.5 DB	1784210000	E.70	BK 4 CRN	0625120000	G.15				DEK 5 FW U3-PE3	0133161116	G.39
AP DLD2.5/PE DB	1783800000	E.115	BK 4/E	7906080000	G.16	C 0.5A/32V BL	1814720000	D.142	DEK 5 FW U4-PE4	0133161117	G.39
AP DLD2.5/PE DB	1783800000	E.70	BK 6 CRN	0625220000	G.15	C 10A/32V RT	1814730000	D.142	DEK 5 FW U5-PE5	0133161118	G.39
AP DLD2.5	1313260000	E.115	BK 6/E	7906090000	G.16	C 15A/32V HBL	1814800000	D.142	DEK 5 FW U6-PE6	0133161119	G.39
AP DLD2.5 DB	1783550000	E.71	BLZ 5.08/4 SN OR	1526660000	E.78	C 1A/32V SW	1814730000	D.142	DEK 5 FW U7-PE7	0133161120	G.39
AP DLD2.5 DB	1783550000	E.115	BLZ 5.08/4 SN OR	1526660000	E.79	C 20A/32V GE	1814810000	D.142	DEK 5 FW U8-PE8	0133161121	G.39
AP DLD2.5 DB	1783550000	E.72	BLZ 5.08/4B SN OR	1528960000	E.78	C 25A/32V NA/WS	1814820000	D.142	DEK 5 FW U9-PE9	0133161122	G.39
AP DLD2.5 DB	1783550000	E.73	BLZ 5.08/4B SN OR	1528960000	E.79	C 2A/32V GR	1814740000	D.142	DEK 5 FW X10-Z10	0133261159	G.39
AP DLD2.5 DB	1783550000	E.39	BLZ 5.08/6 SN OR	1526680000	E.78	C 30A/32V HGN	1814830000	D.142	DEK 5 FW X1-21	0133261150	G.39
AP DKDS1 1.5 DB	9532470000	E.39	BLZ 5.08/6 SN OR	1526680000	E.79	C 35A/32V GN	1814840000	D.142	DEK 5 FW X2-22	0133261151	G.39
AP MAK2.5 DB	7917000000	E.116	BLZ 5.08/6B SN OR	1529160000	E.78	C 3A/32V VI	1814750000	D.142	DEK 5 FW X3-23	0133261152	G.39
AP MAK2.5 DB	7917000000	E.74	BLZ 5.08/6B SN OR	1529160000	E.79	C 40A/32V OR	1814850000	D.142	DEK 5 FW X4-24	0133261153	G.39
AP VL1.5 DB	1784150000	E.116	BLZ 5.08/8 SN OR	1527600000	E.78	C 4A/32V RS	1814760000	D.142	DEK 5 FW X5-25	0133261154	G.39
AP VL1.5 DB	1784150000	E.74	BLZ 5.08/8 SN OR	1527600000	E.79	C 5A/32V HBR	1814770000	D.142	DEK 5 FW X6-26	0133261155	G.39
AP VL1.5/PE DB	1784160000	E.116	BLZ 5.08/8B SN OR	1529360000	E.78	C 7.5A/32V BR	1814780000	D.142	DEK 5 FW X7-27	0133261156	G.39
AP ZDTR2.5	1745420000	D.115	BLZ 5.08/8B SN OR	1529360000	E.79	CleanUnit PrintJet II	1858950000	G.54	DEK 5 FW X8-28	0133261157	G.39
AP ZDTR2.5	1745420000	D.53	BLZ 7.62/4 SN OR	1623070000	E.79	Crimp Set PZ 16 PI	9203640000	B.35	DEK 5 FW X9-29	0133261158	G.39
AP ZDTR2.5 DB	1798340000	D.115	BLZ 7.62/4B SN OR	1623400000	E.79	Crimp Set PZ 6 roto PI	9203650000	B.35	DEK 5 FWZ 1,3,5-19	0235860000	G.39
AP ZRV1.5 DB	1698180000	D.82	BLZ 7.62/6 SN OR	1623090000	E.79	CTI 6	9006120000	E.60	DEK 5 FWZ 1-10	0523060001	G.39
AP ZRV1.5 DB	1698180000	D.115	BLZ 7.62/6B SN OR	1623420000	E.79	CTI 6	9006120000	G.81	DEK 5 FWZ 11-20	0523060011	G.39
AP ZRV2.5	1906980000	D.83	BLZ 7.62/8 SN OR	1623110000	E.79	CTI 6 S	9006210000	G.81	DEK 5 FWZ 1-9	1572000000	G.39
			BLZ 7.62/8B SN OR	1623440000	E.79				DEK 5 FWZ 2,4,6-20	0236160000	G.39
			BLZ-KO SW	1545710000	E.78				DEK 5 FWZ 21,23,25-39	0235960000	G.39
<b>B</b>			BLZ-KO SW	1545710000	E.79				DEK 5 FWZ 21-30	0523060021	G.39
BA RC ZPS2.5	1908560000	D.131	BLZP 5.00/19/90F SN SW	1959880000	E.140	D 2 MK5/2 PA/NA	0244060000	G.14	DEK 5 FWZ 22,24,26-40	0236260000	G.39
BA ZPS2.5	1908550000	D.131	BS 25 IH/BL SAKT1	0335400000	E.63	D1.5/2.5-2	1746420000	H.5	DEK 5 FWZ 31-40	0523060031	G.39
BAL 2	0181800000	G.72	BS 25 IH/GE SAKT1	0335700000	E.53	D1.5/2.5-2 BP	1858110000	H.5	DEK 5 FWZ 41,43,45-59	0236060000	G.39
BEST	1833100000	B.14	BS 25 IH/GE SAKT1	0335700000	E.58	D1.5/2.5-3	1746430000	H.5	DEK 5 FWZ 41-50	0523060041	G.39
BEST	1833100000	B.15	BS 25 IH/GE SAKT1	0335700000	E.63	D1.5/2.5-3 BP					

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
DEK 5 GS M	0132961033	G.39	DEK 5 GW 173	0522660173	G.40	DEK 5 GW 83	0522660083	G.39	DEK 5/3,5 MC FSZ 81-90	1762320081	G.40
DEK 5 GS N	0132961034	G.39	DEK 5 GW 174	0522660174	G.40	DEK 5 GW 84	0522660084	G.39	DEK 5/3,5 MC FSZ 91-100	1762320091	G.40
DEK 5 GS O	0132961035	G.39	DEK 5 GW 175	0522660175	G.40	DEK 5 GW 85	0522660085	G.39	DEK 5/3,5 MC GW 0	1755281000	G.40
DEK 5 GS P	0132961036	G.39	DEK 5 GW 176	0522660176	G.40	DEK 5 GW 86	0522660086	G.39	DEK 5/3,5 MC GW 1	1755280001	G.40
DEK 5 GS PE	0157261187	G.39	DEK 5 GW 177	0522660177	G.40	DEK 5 GW 87	0522660087	G.39	DEK 5/3,5 MC GW 2	1755280002	G.40
DEK 5 GS Q	0132961037	G.39	DEK 5 GW 178	0522660178	G.40	DEK 5 GW 88	0522660088	G.39	DEK 5/3,5 MC GW 3	1755280003	G.40
DEK 5 GS R	0132961038	G.39	DEK 5 GW 179	0522660179	G.40	DEK 5 GW 89	0522660089	G.39	DEK 5/3,5 MC GW 4	1755280004	G.40
DEK 5 GS S	0132961039	G.39	DEK 5 GW 18	0522660018	G.39	DEK 5 GW 9	0522660009	G.39	DEK 5/3,5 MC GW 5	1755280005	G.40
DEK 5 GS T	0132961040	G.39	DEK 5 GW 180	0522660180	G.40	DEK 5 GW 90	0522660090	G.39	DEK 5/3,5 MC GW 6	1755280006	G.40
DEK 5 GS U	0132961041	G.39	DEK 5 GW 181	0522660181	G.40	DEK 5 GW 91	0522660091	G.39	DEK 5/3,5 MC GW 7	1755280007	G.40
DEK 5 GS V	0576261199	G.40	DEK 5 GW 182	0522660182	G.40	DEK 5 GW 92	0522660092	G.39	DEK 5/3,5 MC GW 8	1755280008	G.40
DEK 5 GS W	0132961043	G.39	DEK 5 GW 183	0522660183	G.40	DEK 5 GW 93	0522660093	G.39	DEK 5/3,5 MC GW 9	1755280009	G.40
DEK 5 GS X	0132961044	G.39	DEK 5 GW 184	0522660184	G.40	DEK 5 GW 94	0522660094	G.39	DEK 5/3,5 MC NEUTRAL	1755270000	G.43
DEK 5 GS Y	0132961045	G.39	DEK 5 GW 185	0522660185	G.40	DEK 5 GW 95	0522660095	G.39	DEK 5/30 MC NEUTRAL	1951920000	G.43
DEK 5 GS Z	0132961046	G.39	DEK 5 GW 186	0522660186	G.40	DEK 5 GW 96	0522660096	G.39	DEK 5/30 MC NEUTRAL	1951920000	G.50
DEK 5 GW	0576260000	G.39	DEK 5 GW 187	0522660187	G.40	DEK 5 GW 97	0522660097	G.39	DEK 5/30 MC SDR	1025680000	G.43
DEK 5 GW -	0576261199	G.40	DEK 5 GW 188	0522660188	G.40	DEK 5 GW 98	0522660098	G.39	DEK 5/5 MC BEDRUCKT	1609801000	G.43
DEK 5 GW +	0576261198	G.40	DEK 5 GW 189	0522660189	G.40	DEK 5 GW 99	0522660099	G.39	DEK 5/5 MC-10 NEUT. BL	1609801693	G.43
DEK 5 GW 1	0522660001	G.39	DEK 5 GW 19	0522660019	G.39	DEK 5 GW A	0522761021	G.40	DEK 5/5 MC-10 NEUT. GE	1609801687	G.43
DEK 5 GW 10	0522660010	G.39	DEK 5 GW 190	0522660190	G.39	DEK 5 GW A KLEIN	0522861047	G.40	DEK 5/5 MC-10 NEUT. GN	1609801688	G.43
DEK 5 GW 100	0522660100	G.39	DEK 5 GW 191	0522660191	G.40	DEK 5 GW B	0522761022	G.40	DEK 5/5 MC-10 NEUT. GR	1609801691	G.43
DEK 5 GW 101	0522660101	G.39	DEK 5 GW 192	0522660192	G.40	DEK 5 GW B KLEIN	0522861048	G.40	DEK 5/5 MC-10 NEUT. RT	1609801686	G.43
DEK 5 GW 102	0522660102	G.39	DEK 5 GW 193	0522660193	G.40	DEK 5 GW BL/SW -	0576291741	G.40	DEK 5/5 MC-10 NEUT. WS	1609801044	G.43
DEK 5 GW 103	0522660103	G.39	DEK 5 GW 194	0522660194	G.40	DEK 5 GW C	0522761023	G.40	DEK 5/5 MC-10 NEUT. WS	1609801044	G.48
DEK 5 GW 104	0522660104	G.39	DEK 5 GW 195	0522660195	G.40	DEK 5 GW C KLEIN	0522861049	G.40	DEK 5/5 MC-10 NEUT. WS	1609801044	G.49
DEK 5 GW 105	0522660105	G.39	DEK 5 GW 196	0522660196	G.40	DEK 5 GW D	0522761024	G.40	DEK 5/5 MC-10 NEUT. WS	1609801044	G.50
DEK 5 GW 106	0522660106	G.39	DEK 5 GW 197	0522660197	G.40	DEK 5 GW D KLEIN	0522861050	G.40	DEK 5/5 MC-10 NEUT. WS	1609801044	G.51
DEK 5 GW 107	0522660107	G.39	DEK 5 GW 198	0522660198	G.40	DEK 5 GW E	0522761025	G.40	DEK 5/5 PLUS MC GE	1907520000	G.43
DEK 5 GW 108	0522660108	G.39	DEK 5 GW 199	0522660199	G.40	DEK 5 GW E KLEIN	0522861051	G.40	DEK 5/5 PLUS MC NEUTRAL	1854490000	G.43
DEK 5 GW 109	0522660109	G.39	DEK 5 GW 2	0522660002	G.39	DEK 5 GW ERDE	0576261202	G.40	DEK 5/5 PLUS MC SONDERDR.	1854500000	G.43
DEK 5 GW 11	0522660011	G.39	DEK 5 GW 20	0522660020	G.39	DEK 5 GW ERDE I.KR.	0576261203	G.40	DEK 5/6 MC BEDRUCKT	1609830000	G.43
DEK 5 GW 110	0522660110	G.39	DEK 5 GW 200	0522660200	G.40	DEK 5 GW F	0522761026	G.40	DEK 5/6 MC NEUTRAL	1609820000	G.43
DEK 5 GW 111	0522660111	G.39	DEK 5 GW 21	0522660021	G.39	DEK 5 GW F KLEIN	0522861052	G.40	DEK 5/6 PLUS MC NE WS	1011320000	G.43
DEK 5 GW 112	0522660112	G.39	DEK 5 GW 22	0522660022	G.39	DEK 5 GW G	0522761027	G.40	DEK 5/6,5 MC BEDRUCKT	1609850000	G.43
DEK 5 GW 113	0522660113	G.39	DEK 5 GW 23	0522660023	G.39	DEK 5 GW G KLEIN	0522861053	G.40	DEK 5/6,5 MC NEUTRAL	1609840000	G.43
DEK 5 GW 114	0522660114	G.39	DEK 5 GW 24	0522660024	G.39	DEK 5 GW H	0522761028	G.40	DEK 5/7,5 MC NEUTRAL	1720620000	G.43
DEK 5 GW 115	0522660115	G.39	DEK 5 GW 25	0522660025	G.39	DEK 5 GW H KLEIN	0522861054	G.40	DEK 5/7,5 MC Sonderdruck	1770490000	G.43
DEK 5 GW 116	0522660116	G.39	DEK 5 GW 26	0522660026	G.39	DEK 5 GW I	0522761029	G.40	DEK 5/8 MC Neutral	1856740000	G.43
DEK 5 GW 117	0522660117	G.39	DEK 5 GW 27	0522660027	G.39	DEK 5 GW I KLEIN	0522861055	G.40	DEK 5/8 MC Sonderdruck	1856750000	G.43
DEK 5 GW 118	0522660118	G.39	DEK 5 GW 28	0522660028	G.39	DEK 5 GW J	0522761030	G.40	DEK 5/8 MC NEUTRAL	0468591693	G.40
DEK 5 GW 119	0522660119	G.39	DEK 5 GW 29	0522660029	G.39	DEK 5 GW J KLEIN	0522861056	G.40	DEK 6 BR NEUTRAL	0468591692	G.40
DEK 5 GW 12	0522660012	G.39	DEK 5 GW 3	0522660003	G.39	DEK 5 GW K	0522761031	G.40	DEK 6 FS 101-150	0468760101	G.40
DEK 5 GW 120	0522660120	G.39	DEK 5 GW 30	0522660030	G.39	DEK 5 GW K KLEIN	0522861057	G.40	DEK 6 FS 1-50	0468760001	G.40
DEK 5 GW 121	0522660121	G.39	DEK 5 GW 31	0522660031	G.39	DEK 5 GW L	0522761032	G.40	DEK 6 FS 151-200	0468760151	G.40
DEK 5 GW 122	0522660122	G.39	DEK 5 GW 32	0522660032	G.39	DEK 5 GW L KLEIN	0522861058	G.40	DEK 6 FS 201-250	0468760201	G.40
DEK 5 GW 123	0522660123	G.39	DEK 5 GW 33	0522660033	G.39	DEK 5 GW L1	0522361075	G.40	DEK 6 FS 251-300	0468760251	G.40
DEK 5 GW 124	0522660124	G.39	DEK 5 GW 34	0522660034	G.39	DEK 5 GW L2	0522361076	G.40	DEK 6 FS 301-350	0468760301	G.40
DEK 5 GW 125	0522660125	G.39	DEK 5 GW 35	0522660035	G.39	DEK 5 GW L3	0522361077	G.40	DEK 6 FS 351-400	0468760351	G.40
DEK 5 GW 126	0522660126	G.39	DEK 5 GW 36	0522660036	G.39	DEK 5 GW M	0522761033	G.40	DEK 6 FS 401-450	0468760401	G.40
DEK 5 GW 127	0522660127	G.39	DEK 5 GW 37	0522660037	G.39	DEK 5 GW M KLEIN	0522861059	G.40	DEK 6 FS 451-500	0468760451	G.40
DEK 5 GW 128	0522660128	G.39	DEK 5 GW 38	0522660038	G.39	DEK 5 GW Mp	0537261235	G.40	DEK 6 FS 501-550	0468760501	G.40
DEK 5 GW 129	0522660129	G.39	DEK 5 GW 39	0522660039	G.39	DEK 5 GW N	0522761034	G.40	DEK 6 FS 51-100	0468760051	G.40
DEK 5 GW 13	0522660013	G.39	DEK 5 GW 4	0522660004	G.39	DEK 5 GW N KLEIN	0522861060	G.40	DEK 6 FS 551-600	0468760551	G.40
DEK 5 GW 130	0522660130	G.39	DEK 5 GW 40	0522660040	G.39	DEK 5 GW O	0522761035	G.40	DEK 6 FS 601-650	0468760601	G.40
DEK 5 GW 131	0522660131	G.39	DEK 5 GW 41	0522660041	G.39	DEK 5 GW O KLEIN	0522861061	G.40	DEK 6 FS 651-700	0468760651	G.40
DEK 5 GW 132	0522660132	G.39	DEK 5 GW 42	0522660042	G.39	DEK 5 GW P	0522761036	G.40	DEK 6 FS 701-750	0468760701	G.40
DEK 5 GW 133	0522660133	G.39	DEK 5 GW 43	0522660043	G.39	DEK 5 GW P KLEIN	0522861062	G.40	DEK 6 FS 751-800	0468760751	G.40
DEK 5 GW 134	0522660134	G.39	DEK 5 GW 44	0522660044	G.39	DEK 5 GW PE	0537261187	G.40	DEK 6 FS 801-850	0468760801	G.40
DEK 5 GW 135	0522660135	G.39	DEK 5 GW 45	0522660045	G.39	DEK 5 GW PEN	0537261188	G.40	DEK 6 FS 851-900	0468760851	G.40
DEK 5 GW 136	0522660136	G.39	DEK 5 GW 46	0522660046	G.39	DEK 5 GW Q	0522761037	G.40	DEK 6 FS 901-950	0468760901	G.40
DEK 5 GW 137	0522660137	G.39	DEK 5 GW 47	0522660047	G.39	DEK 5 GW Q KLEIN	0522861063	G.40	DEK 6 FS 951-999	0468760951	G.40
DEK 5 GW 138	0522660138	G.39	DEK 5 GW 48	0522660048	G.39	DEK 5 GW R	0522761038	G.40	DEK 6 FSZ 1-10	0133360001	G.40
DEK 5 GW 139	0522660139	G.39	DEK 5 GW 49	0522660049	G.39	DEK 5 GW R KLEIN	0522861064	G.40	DEK 6 FSZ 11-20	0133360011	G.40
DEK 5 GW 14	0522660014	G.39	DEK 5 GW 5	0522660005	G.39	DEK 5 GW RT/SW +	0576291737	G.40	DEK 6 FSZ 21-30	0133360021	G.40
DEK 5 GW 140	0522660140	G.39	DEK 5 GW 50	0522660050	G.39	DEK 5 GW S	0522761039	G.40	DEK 6 FSZ 31-40	0133360031	G.40
DEK 5 GW 141	0522660141	G.39	DEK 5 GW 51	0522660051	G.39	DEK 5 GW S KLEIN	0522861065	G.40	DEK 6 FSZ 41-50	0133360041	G.40
DEK 5 GW 142	0522660142	G.39	DEK 5 GW 52	0522660052	G.39	DEK 5 GW T	0522761040	G.40	DEK 6 FSZ 51-60	0133360051	G.40
DEK 5 GW 143	0522660143	G.39	DEK 5 GW 53	0522660053	G.39	DEK 5 GW T KLEIN	0522861066	G.40	DEK 6 FSZ 61-70	0133360061	G.40
DEK 5 GW 144	0522660144	G.39	DEK 5 GW 54	0522660054	G.39	DEK 5 GW U	0522761041	G.40	DEK 6 FSZ 71-80	0133360071	G.40
DEK 5 GW 145	0522660145	G.39	DEK 5 GW 55	0522660055	G.39	DEK 5 GW U KLEIN	0522861067	G.40	DEK 6 FSZ 81-90	0133360081	G.40
DEK 5 GW 146	0522660146	G.39	DEK 5 GW 56	0522660056	G.39	DEK 5 GW V	0522761042	G.40	DEK 6 FSZ 91-100	0133360091	G.40
DEK 5 GW 147	0522660147	G.39	DEK 5 GW 57	0522660057	G.39	DEK 5 GW V KLEIN	0522861068	G.40	DEK 6 FW 1,3,5...99	1358660000	G.40
DEK 5 GW 148	0522660148	G.39	DEK 5 GW 58	0522660058	G.39	DEK 5 GW W	0522761043	G.40	DEK 6 FW 101-150	0468660101	G.40
DEK 5 GW 149	0522660149	G.39	DEK 5 GW 59	0522660059	G.39	DEK 5 GW W KLEIN	0522861069	G.40	DEK 6 FW 1-5 (10X)	0688660000	G.40
DEK 5 GW 15	0522660015	G.39	DEK 5 GW 6	0522660006	G.39	DEK 5 GW W-STROM	0576261215	G.40	DEK 6 FW 1-50	0468660001	G.40
DEK 5 GW 150	0522660150	G.39	DEK 5 GW 60	0522660060	G.39	DEK 5 GW X	0522761044	G.40	DEK 6 FW 151-200	0468660151	G.40
DEK 5 GW 151	0522660151	G.39	DEK 5 GW 61	0522660061	G.39	DEK 5 GW X KLEIN	0522861070	G.40	DEK 6 FW 2,4,...100	1358760000	G.40
DEK 5 GW 152	0522660152	G.39	DEK 5 GW 62	0522660062	G.39	DEK 5 GW Y	0522761045	G.40	DEK 6 FW 201-250	0468660201	G.40
DEK 5 GW 153	0522660153	G.39	DEK 5 GW 63	0522660063	G.39	DEK 5 GW Y KLEIN	0522861071	G.40	DEK 6 FW 251-300	0468660251	G.40
DEK 5 GW 154	0522660154	G.39	DEK 5 GW 64	0522660064	G.39	DEK 5 GW Z	0522				



Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
DEK 6 FWZ 131-140	0518960131	G.40	DEK 6 GW 76	0526960076	G.41	DEK 6,5 FWZ R,S,T,N,ERD	0632060000	G.41	E 14/2A RS	0137400000	E.138
DEK 6 FWZ 141-150	0518960141	G.40	DEK 6 GW 77	0526960077	G.41	DEK 6,5 GE NEUTRAL	0468091687	G.41	E 14/2A BR	0137400000	E.42
DEK 6 FWZ 151-160	0518960151	G.40	DEK 6 GW 78	0526960078	G.41	DEK 6,5 GN NEUTRAL	0468091688	G.41	E 14/4A BR	0137500000	E.138
DEK 6 FWZ 161-170	0518960161	G.40	DEK 6 GW 79	0526960079	G.41	DEK 6,5 NEUTRAL	0468060000	G.41	E 14/4A BR	0137500000	E.42
DEK 6 FWZ 171-180	0518960171	G.40	DEK 6 GW 80	0526960080	G.40	DEK 6,5 OR NEUTRAL	0468091690	G.41	E 14/6A GN	0328300000	E.138
DEK 6 FWZ 181-190	0518960181	G.40	DEK 6 GW 81	0526960081	G.41	DEK 6,5 RT NEUTRAL	0468091686	G.41	E 14/6A GN	0328300000	E.42
DEK 6 FWZ 191-200	0518960191	G.40	DEK 6 GW 82	0526960082	G.41	DEK 6,5 SW NEUTRAL	0468091694	G.41	E 16/10A RT TNDZ	0208500000	E.138
DEK 6 FWZ 201-210	0518960201	G.40	DEK 6 GW 83	0526960083	G.41	DEK 6,5 VI NEUTRAL	0468091689	G.41	E 16/10A RT TNDZ	0208500000	E.42
DEK 6 FWZ 21-30	0518960021	G.40	DEK 6 GW 84	0526960084	G.41	DEK 8 BEDR./FARBIG	1289690000	G.41	E 16/16A GR TNDZ	0208600000	E.138
DEK 6 FWZ 31-40	0518960031	G.40	DEK 6 GW 85	0526960085	G.41	DEK 8 FS 1-50 TAMPOPR.	1653350001	G.41	E 16/16A GR TNDZ	0208600000	E.42
DEK 6 FWZ 41-50	0518960041	G.40	DEK 6 GW 86	0526960086	G.41	DEK 8 FS 51-100 TAMPOPR.	1653350005	G.41	E 16/20A BL TNDZ	0208700000	E.138
DEK 6 FWZ 51-60	0518960051	G.40	DEK 6 GW 87	0526960087	G.41	DEK 8 FSZ 1-10	1289660001	G.41	E 16/20A BL TNDZ	0208700000	E.42
DEK 6 FWZ 61-70	0518960061	G.40	DEK 6 GW 88	0526960088	G.41	DEK 8 FSZ 11-20	1289660011	G.41	E 16/25A GE TNDZ	0208800000	E.138
DEK 6 FWZ 71-80	0518960071	G.40	DEK 6 GW 89	0526960089	G.41	DEK 8 FSZ 21-30	1289660021	G.41	E 16/25A GE TNDZ	0208800000	E.42
DEK 6 FWZ 81-90	0518960081	G.40	DEK 6 GW 90	0526960090	G.41	DEK 8 FSZ 31-40	1289660031	G.41	E 18/20A BL	0361300000	E.138
DEK 6 FWZ 91-100	0518960091	G.40	DEK 6 GW 91	0526960091	G.41	DEK 8 FSZ 41-50	1289660041	G.41	E 18/20A BL	0361300000	E.43
DEK 6 FWZ L1-ERDE I.KRE	0631961203	G.40	DEK 6 GW 92	0526960092	G.41	DEK 8 FSZ 51-60	1289660051	G.41	E 18/25A GE	0361400000	E.138
DEK 6 FWZ L1-PE	0631961187	G.40	DEK 6 GW 93	0526960093	G.41	DEK 8 FSZ 61-70	1289660061	G.41	E 18/25A GE	0361400000	E.43
DEK 6 FWZ R,S,T,N,ERDE	0631860000	G.40	DEK 6 GW 94	0526960094	G.41	DEK 8 FSZ 71-80	1289660071	G.41	E 18/35A SW	0361500000	E.138
DEK 6 GE NEUTRAL	0468591687	G.40	DEK 6 GW 95	0526960095	G.41	DEK 8 FSZ 81-90	1289660081	G.41	E 18/35A SW	0361500000	E.43
DEK 6 GN NEUTRAL	0468591688	G.40	DEK 6 GW 96	0526960096	G.41	DEK 8 FSZ 91-100	1289660091	G.41	E 18/50A WS	0361600000	E.138
DEK 6 GR NEUTRAL	0468591691	G.40	DEK 6 GW 97	0526960097	G.41	DEK 8 FW 1-50 TAMPOPR.	1653340001	G.41	E 18/63A KU	0361700000	E.138
DEK 6 GW -	1318061199	G.41	DEK 6 GW 98	0526960098	G.41	DEK 8 FW 51-100 TAMPOPR.	1653340005	G.41	ELSB 10 BEZ. 1-10	0143500000	G.14
DEK 6 GW +	1318061198	G.41	DEK 6 GW 99	0526960099	G.41	DEK 8 FWZ 101-110	1276960101	G.41	ELSB 2 BEZ. 1-2	0143200000	G.14
DEK 6 GW 0	0526961000	G.40	DEK 6 GW BL/SW -	1318091741	G.41	DEK 8 FWZ 11-20	1276960011	G.41	ELSB 4 BEZ. 1-4	0143300000	G.14
DEK 6 GW 1	0526960001	G.40	DEK 6 GW ERDE	1318061202	G.41	DEK 8 FWZ 111-120	1276960111	G.41	ELSB 6 BEZ. 1-6	0143400000	G.14
DEK 6 GW 10	0526960100	G.41	DEK 6 GW ERDE I.KR.	1318061203	G.41	DEK 8 FWZ 121-130	1276960011	G.41	ELSO 10 FKS 10	0143100000	G.14
DEK 6 GW 100	0526960100	G.41	DEK 6 GW PE	1318061187	G.41	DEK 8 FWZ 131-140	1276960121	G.41	ELSO 2 FKS 2	0142800000	G.14
DEK 6 GW 11	0526960011	G.40	DEK 6 GW RT/SW +	1318091737	G.41	DEK 8 FWZ 141-150	1276960131	G.41	ELSO 4 FKS 4	0142900000	G.14
DEK 6 GW 12	0526960012	G.40	DEK 6 NEUTRAL	0468560000	G.40	DEK 8 FWZ 151-160	1276960141	G.41	ELSO 6 FKS 6	0143000000	G.14
DEK 6 GW 13	0526960013	G.40	DEK 6 OR NEUTRAL	0468591690	G.41	DEK 8 FWZ 21-30	1276960021	G.41	EM 8/30	1806120000	G.51
DEK 6 GW 14	0526960014	G.40	DEK 6 RT NEUTRAL	0468591686	G.41	DEK 8 FWZ 31-40	1276960031	G.41	ERME AM 16	9204260000	G.64
DEK 6 GW 15	0526960015	G.40	DEK 6 SW NEUTRAL	0468591694	G.41	DEK 8 FWZ 41-50	1276960041	G.41	ERME KT 45 R	9204270000	G.63
DEK 6 GW 16	0526960016	G.40	DEK 6 VI NEUTRAL	0468591689	G.41	DEK 8 FWZ 51-60	1276960051	G.41	ESCH 10	0280300000	G.19
DEK 6 GW 17	0526960017	G.40	DEK 6,5 BL NEUTRAL	0468260101	G.41	DEK 8 FWZ 61-70	1276960061	G.41	ESO 5 B BOGEN DIN A4	1636510000	G.51
DEK 6 GW 18	0526960018	G.40	DEK 6,5 FS 1-50	0468260151	G.41	DEK 8 FWZ 71-80	1276960071	G.41	ESO 5 DIN A4 GELB BOG.	1631350000	G.49
DEK 6 GW 19	0526960019	G.40	DEK 6,5 FS 151-200	0468260201	G.41	DEK 8 FWZ 81-90	1276960081	G.41	ESO 5 DIN A4 WEISS BOG.	1607710000	G.49
DEK 6 GW 20	0526960020	G.40	DEK 6,5 FS 201-250	0468260251	G.41	DEK 8 FWZ 91-100	1276960091	G.41	ESO 5 POLY:GELB A4-BOG.	1670380000	G.49
DEK 6 GW 200	0526960200	G.41	DEK 6,5 FS 251-300	0468260301	G.41	DEK 8 GE NEUTRAL	1277091687	G.41	ESO 5 POLY:WEISS A4-BOG.	1670370000	G.49
DEK 6 GW 21	0526960021	G.40	DEK 6,5 FS 301-350	0468260351	G.41	DEK 8 GN NEUTRAL	1277091688	G.41	ESO 5 S DIN A4-BOGEN	1631920000	G.49
DEK 6 GW 22	0526960022	G.40	DEK 6,5 FS 351-400	0468260401	G.41	DEK 8 OR NEUTRAL	1277060000	G.41	ESO 7 A4-BOGEN GELB	1634780000	G.49
DEK 6 GW 23	0526960023	G.40	DEK 6,5 FS 401-450	0468260451	G.41	DEK 8 OR NEUTRAL	1277091690	G.41	ESO 7 A4-BOGEN GELB	1634780000	G.51
DEK 6 GW 24	0526960024	G.40	DEK 6,5 FS 451-500	0468260501	G.41	DEK 8 RT NEUTRAL	1277091686	G.41	ESO 7 A4-BOGEN WEISS	1607720000	D.84
DEK 6 GW 25	0526960025	G.40	DEK 6,5 FS 501-550	0468260551	G.41	DEK 8 SONDERDR.FARBIG	1326690000	G.41	ESO 7 A4-BOGEN WEISS	1607720000	D.85
DEK 6 GW 26	0526960026	G.40	DEK 6,5 FS 551-600	0468260601	G.41	DEK 8 SONDERDR.WEISS	1326660000	G.41	ESO 7 A4-BOGEN WEISS	1607720000	D.86
DEK 6 GW 27	0526960027	G.40	DEK 6,5 FS 601-650	0468260651	G.41	DEK 8 VI NEUTRAL	1277091689	G.41	ESO 7 A4-BOGEN WEISS	1607720000	G.49
DEK 6 GW 28	0526960028	G.40	DEK 6,5 FS 651-700	0468260701	G.41	DEK 8 VV NEUTRAL	1705320000	D.82	ESO 7 A4-BOGEN WEISS	1607720000	G.51
DEK 6 GW 29	0526960029	G.40	DEK 6,5 FS 701-750	0468260751	G.41	DFFC -5..10 ZRV1.5	1705310000	D.82	ESO 7 POLY:GELB A4-BOG.	1670400000	G.49
DEK 6 GW 30	0526960030	G.40	DEK 6,5 FS 751-800	0468260801	G.41	DKSUE 0,20-0,35 ZRV1.5	0280100000	G.19	ESO 7 POLY:GELB A4-BOG.	1670400000	G.51
DEK 6 GW 31	0526960031	G.40	DEK 6,5 FS 801-850	0468260851	G.41	DLS 2,5 DB	1783560000	E.72	ESO 7 POLY:WEISS A4-BOG.	1670390000	G.49
DEK 6 GW 32	0526960032	G.40	DEK 6,5 FS 851-900	0468260901	G.41	DLA 2,5/D DB	1783590000	E.72	ESO 7 POLY:WEISS A4-BOG.	1670390000	G.51
DEK 6 GW 33	0526960033	G.40	DEK 6,5 FS 901-950	0468260951	G.41	DLA 2,5/LD-GN/DB	1783630000	E.73	EW 15	0382860000	E.96
DEK 6 GW 34	0526960034	G.40	DEK 6,5 FS 951-999	0407360001	G.41	DLA 2,5/LD-RT DB	1783600000	E.73	EW 15	0382860000	E.97
DEK 6 GW 35	0526960035	G.40	DEK 6,5 FSZ 1-10	0407360002	G.41	DLA 2,5/LD-RT/PNP + DB	1784180000	E.70	EW 15	0382860000	E.98
DEK 6 GW 36	0526960036	G.40	DEK 6,5 FSZ 11-20	0407360003	G.41	DLA 2,5/PE DB	1783790000	E.70	EW 15	0382860000	E.99
DEK 6 GW 37	0526960037	G.40	DEK 6,5 FSZ 21-30	0407360004	G.41	DLI 2,5 DB	1783820000	E.71	EW 15	0382860000	G.29
DEK 6 GW 38	0526960038	G.40	DEK 6,5 FSZ 31-40	0407360005	G.41	DLI 2,5/LD-GN/NPN + DB	1783940000	E.71	EW 15/2	1071900000	G.29
DEK 6 GW 39	0526960039	G.40	DEK 6,5 FSZ 41-50	0407360006	G.41	DLI 2,5/LD-GN/PNP + DB	1783970000	E.71	EW 35	0383560000	E.20
DEK 6 GW 40	0526960040	G.40	DEK 6,5 FSZ 51-60	0407360007	G.41	DLI 2,5/LD-RT/NPN + DB	1783950000	E.71	EW 35	0383560000	E.23
DEK 6 GW 41	0526960041	G.40	DEK 6,5 FSZ 61-70	0407360008	G.41	DLI 2,5/LD-RT/PNP + DB	1783980000	E.71	EW 35	0383560000	E.5
DEK 6 GW 42	0526960042	G.40	DEK 6,5 FSZ 71-80	0407360009	G.41	D-Lux 2/1	1774270000	H.5	EW 35	0383560000	E.6
DEK 6 GW 43	0526960043	G.40	DEK 6,5 FSZ 81-90	0407360010	G.41	D-Lux 2/1 BP	1858050000	H.5	EW 35	0383560000	E.7
DEK 6 GW 44	0526960044	G.40	DEK 6,5 FSZ 91-100	0407360011	G.41	DMS 2 Set	0664600000	G.72	EW 35	0383560000	E.70
DEK 6 GW 45	0526960045	G.40	DEK 6,5 FW 101-150	0468160101	G.41	DMS 3	9007440000	G.71	EW 35	0383560000	E.71
DEK 6 GW 46	0526960046	G.40	DEK 6,5 FW 151-200	0468160151	G.41	DMS 3 SET 1	9007470000	G.71	EW 35	0383560000	E.72
DEK 6 GW 47	0526960047	G.40	DEK 6,5 FW 201-250	0468160201	G.41	DMS 3 SET 2	9007480000	G.71	EW 35	0383560000	E.73
DEK 6 GW 48	0526960048	G.40	DEK 6,5 FW 251-300	0468160251	G.41	DMS MANUELL 0,5-1,7	9918370000	G.78	EW 35	0383560000	E.82
DEK 6 GW 49	0526960049	G.40	DEK 6,5 FW 301-350	0468160301	G.41	DMS MANUELL 2,0-8,0	9918390000	G.78	EW 35	0383560000	G.29
DEK 6 GW 50	0526960050	G.40	DEK 6,5 FW 351-400	0468160351	G.41	DMSI MANUELL 0,5-1,7	9918390000	G.79	EW 35 GR 7032	0383530000	G.29
DEK 6 GW 51	0526960051	G.40	DEK 6,5 FW 401-450	0468160401	G.41	DMSI MANUELL 2,0-8,0	9918400000	G.79	EW 35/SCHA/M3	0258660000	E.60
DEK 6 GW 52	0526960052	G.40	DEK 6,5 FW 451-500	0468160451	G.41	DP VVGK6	1965750000	F.9	EWK 1	0206160000	D.110
DEK 6 GW 53	0526960053	G.40	DEK 6,5 FW 501-550	0468160501	G.41	DP WKG 10	1936440000	F.4	EWK 1	0206160000	E.53
DEK 6 GW 54	0526960054	G.40	DEK 6,5 FW 551-600	0468160551	G.41	DP WKG 16	1936700000	F.5	EWK 1	0206160000	E.55
DEK 6 GW 55	0526960055	G.40	DEK 6,5 FW 601-650	0468160601	G.41	DP WKG 25	1936710000	F.5	EWK 1	0206160000	E.60
DEK 6 GW 56	0526960056	G.40	DEK 6,5 FW 651-700	0468160651	G.41	DP WKG 25	1936710000	F.6	EWK 1	0206160000	G.29
DEK 6 GW 57	0526960057	G.40	DEK 6,5 FW 701-750	0468160701	G.41	DP WKG 50	1937030000	F.7	EWK 1 ALT	0495160000	G.29
DEK 6 GW 58	0526960058	G.40	DEK 6,5 FW 751-800	0468160751	G.41	DP WKG 95	1937020000	F.8	EWK 2	0199360000	G.29
DEK 6 GW 59	0526960059	G.40	DEK 6,5 FW 801-850	0468160801	G.41	DP WKG 95	1936470000	F.9	EWK AKA 2.5	0348660000	G.29
DEK 6 GW 60	0526960060	G.40									

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
G 20/0.10A/F	0430300000	D.141	G 25/4.00A/F BR	0192800000	D.56	H0,5/16D W	9019020000	G.84	H1,0/18 GE SV	9028340000	B.36
G 20/0.10A/F	0430300000	E.138	G 25/4.00A/F BR	0192800000	D.58	H0,5/16D W	9019020000	G.86	H1,0/18 GE SV	9028340000	G.82
G 20/0.20A/F	0430400000	B.34	G 25/4.00A/F BR	0192800000	E.138	H0,5/18,4D ZH W	9037400000	G.89	H1,0/18D R	9019110000	G.84
G 20/0.20A/F	0430400000	C.47	G 25/4.00A/F BR	0192800000	E.39	H0,5/18,5 ZH OR	9037220000	B.37	H1,0/18D R	9019110000	G.86
G 20/0.20A/F	0430400000	D.141	G 25/6.30A/F GN	0192900000	D.141	H0,5/18,5 ZH OR	9037220000	G.88	H1,0/20 ZH GE	9037270000	G.88
G 20/0.20A/F	0430400000	E.138	G 25/6.30A/F GN	0192900000	E.138	H0,5/18,5 ZH OR	9037220000	G.90	H1,0/20 ZH GE SV	9004910000	G.88
G 20/0.25A/F	0430500000	B.34	GH ZE STGH ZRV2.5	2318620000	D.83	H0,5/6	0282600000	G.93	H1,0/20D R ZH SV	9004760000	G.89
G 20/0.25A/F	0430500000	C.20	GHDE ZPS2.5/1AN	1866070000	D.89	H0,75/10	0542500000	G.93	H1,0/20D R ZH SV	9004760000	G.90
G 20/0.25A/F	0430500000	C.21	GZ 0.5A/F	0533800000	D.141	H0,75/12 W	0409600000	G.82	H1,0/20D ZH R	9037450000	G.89
G 20/0.25A/F	0430500000	C.47	GZ 0.5A/F	0533800000	E.138	H0,75/12 W SV	0928280000	G.82	H1,0/20D ZH R	9037450000	G.90
G 20/0.25A/F	0430500000	D.141	GZ 1.0A/F	0525500000	D.141	H0,75/12D GR	9019030000	G.84	H1,0/25,6 ZH GE	9037280000	B.37
G 20/0.25A/F	0430500000	D.56	GZ 1.0A/F	0525500000	E.138	H0,75/12T HBL	9021030000	G.86	H1,0/25,6 ZH GE	9037280000	G.88
G 20/0.25A/F	0430500000	D.58	GZ 10.0A	0293900000	D.141	H0,75/14 GRAU BD GSP	9005870000	G.85	H1,0/25,6D ZH R	9037460000	G.89
G 20/0.25A/F	0430500000	E.138	GZ 10.0A	0293900000	D.57	H0,75/14 W	0462900000	B.36	H1,0/25,6D ZH R	9037460000	G.90
G 20/0.25A/F	0430500000	E.35	GZ 10.0A	0293900000	E.138	H0,75/14 W	0462900000	G.82	H1,0/6	0372600000	G.93
G 20/0.25A/F	0430500000	E.38	GZ 10.0A	0293900000	E.38	H0,75/14 W BD	9004290000	G.83	H1,5/10	0186500000	G.93
G 20/0.25A/F	0430500000	E.39	GZ 10.0A	0293900000	E.40	H0,75/14 W BD GSP	9005820000	G.83	H1,5/12	9004060000	G.93
G 20/0.50A/F	0430600000	B.34	GZ 12,5A/FF	0245400000	D.141	H0,75/14 W SV	9026070000	B.36	H1,5/12S R	9025690000	G.92
G 20/0.50A/F	0430600000	C.20	GZ 12,5A/FF	0245400000	E.138	H0,75/14 W SV	9026070000	G.82	H1,5/14 R	0463100000	B.36
G 20/0.50A/F	0430600000	C.21	GZ 2.0A	0294500000	D.141	H0,75/14D GR	9019040000	G.84	H1,5/14 R	0463100000	G.82
G 20/0.50A/F	0430600000	C.47	GZ 2.0A	0294500000	E.138	H0,75/14D GR BD	9004300000	G.84	H1,5/14 R BD	9004340000	G.83
G 20/0.50A/F	0430600000	D.141	GZ 2.0A	0294500000	E.38	H0,75/14D GR SV	9019410000	G.84	H1,5/14 R BD GSP	9005840000	G.83
G 20/0.50A/F	0430600000	D.56	GZ 2.0A	0294500000	E.40	H0,75/14S W	9025960000	G.92	H1,5/14 R SV	9026090000	G.82
G 20/0.50A/F	0430600000	D.58	GZ 3.0A	0295700000	D.141	H0,75/14S W SV	9025700000	G.92	H1,5/14D SW	9019120000	G.84
G 20/0.50A/F	0430600000	E.138	GZ 3.0A	0295700000	E.138	H0,75/14T BL BD GSP	9005900000	G.87	H1,5/14D SW	9019120000	G.86
G 20/0.50A/F	0430600000	E.35	GZ 3.0A	0295700000	E.38	H0,75/14T HBL BD	9004310000	G.86	H1,5/14D SW BD	9004350000	G.84
G 20/0.50A/F	0430600000	E.38	GZ 3.0A	0295700000	E.40	H0,75/14T HBL SV	9021230000	G.86	H1,5/14D SW BD	9004350000	G.86
G 20/0.50A/F	0430600000	E.39	GZ 5.0A	0294600000	D.141	H0,75/14TS HBL	9018550000	G.92	H1,5/14D SW BD GSP	9005890000	G.85
G 20/0.63A/F	0439000000	B.34	GZ 5.0A	0294600000	E.138	H0,75/15 ZH W	9037230000	B.37	H1,5/14D SW BD GSP	9005890000	G.87
G 20/0.63A/F	0439000000	C.47	GZ 5.0A	0294600000	E.38	H0,75/15 ZH W	9037230000	G.88	H1,5/14D SW SV	9019430000	G.84
G 20/0.63A/F	0439000000	D.141	GZ 5.0A	0294600000	E.40	H0,75/15 ZH W SV	9018510000	G.88	H1,5/14D SW SV	9019430000	G.86
G 20/0.63A/F	0439000000	E.138	GZ 7.0A	0295800000	D.141	H0,75/15D ZH GR	9037410000	G.89	H1,5/14D SW SV	9028360000	G.92
G 20/0.100A/F	0430700000	B.34	GZ 7.0A	0295800000	E.138	H0,75/15D ZH GR SV	9018520000	G.89	H1,5/14S R	9025980000	G.92
G 20/1.00A/F	0430700000	C.20				H0,75/15T ZH HBL	9037610000	G.90	H1,5/14S R SV	9025720000	G.92
G 20/1.00A/F	0430700000	C.21				H0,75/16 W	9025860000	B.36	H1,5/14S SW	9025240000	G.92
G 20/1.00A/F	0430700000	C.47				H0,75/16 W	9025860000	G.82	H1,5/16 R	0635100000	B.36
G 20/1.00A/F	0430700000	D.141	H 0,5/16 S OR	9202900000	G.92	H0,75/16 W SV	9028290000	B.36	H1,5/16 R	0635100000	G.82
G 20/1.00A/F	0430700000	D.56	H 1,5/24 XS SW	9202870000	G.91	H0,75/16 W SV	9028290000	G.82	H1,5/16 R SV	9028350000	B.36
G 20/1.00A/F	0430700000	D.58	H 10,0/22 S EB	9202620000	G.91	H0,75/16D GR	9019050000	G.84	H1,5/16 R SV	9028350000	G.82
G 20/1.00A/F	0430700000	E.138	H 2,5/24 XS BL	9202880000	G.36	H0,75/16T HBL	9021050000	G.86	H1,5/16 ZH R	9037290000	G.88
G 20/1.00A/F	0430700000	E.35	H 4,0/20 DS GR	9202630000	B.36	H0,75/17 ZH W	9037240000	B.37	H1,5/16 ZH R SV	9004410000	G.88
G 20/1.00A/F	0430700000	E.38	H0,14/10 GR SV	9005180000	G.82	H0,75/17 ZH W	9037240000	G.88	H1,5/16 ZH SV	9019130000	G.84
G 20/1.00A/F	0430700000	E.39	H0,14/10T BR SV	9028250000	G.86	H0,75/17 ZH W SV	9004900000	G.88	H1,5/16D SW	9019130000	G.86
G 20/1.60A/F	0430800000	B.34	H0,14/12 GR SV	9028240000	G.36	H0,75/17D ZH GR	9037420000	G.89	H1,5/16D ZH SW	9037470000	G.89
G 20/1.60A/F	0430800000	C.47	H0,14/12 GR SV	9028240000	G.82	H0,75/17D ZH GR SV	9004770000	G.89	H1,5/16D ZH SW	9037470000	G.90
G 20/1.60A/F	0430800000	D.141	H0,25/10 HBL	9025740000	G.82	H0,75/17T ZH HBL	9037620000	G.90	H1,5/16D ZH SW SV	9004420000	G.89
G 20/1.60A/F	0430800000	E.138	H0,25/10 HBL SV	9026500000	G.82	H0,75/17T ZH HBL SV	9005140000	G.90	H1,5/16D ZH SW SV	9004420000	G.90
G 20/2.00A/F	0430900000	C.20	H0,25/10T GE	9021010000	G.86	H0,75/18 W	9025910000	B.36	H1,5/17,5X SW SV	9006590000	G.91
G 20/2.00A/F	0430900000	B.34	H0,25/10T GE SV	9021021000	G.86	H0,75/18 W	9025910000	G.82	H1,5/18	9004070000	G.93
G 20/2.00A/F	0430900000	C.21	H0,25/12 HBL	9025760000	G.36	H0,75/18 W SV	9028300000	B.36	H1,5/18D SW	9019140000	G.84
G 20/2.00A/F	0430900000	C.47	H0,25/12 HBL	9025760000	G.82	H0,75/18 W SV	9028300000	G.82	H1,5/18D SW	9019140000	G.86
G 20/2.00A/F	0430900000	D.141	H0,25/12 HBL SV	9025780000	B.36	H0,75/18D GR	9019060000	G.84	H1,5/19,5X SW SV	9006630000	G.91
G 20/2.00A/F	0430900000	D.56	H0,25/12 HBL SV	9025780000	G.82	H0,75/18T HBL	9021060000	G.86	H1,5/20 ZH R	9037300000	G.88
G 20/2.00A/F	0430900000	D.58	H0,25/12T GE	9021020000	G.86	H0,75/19DS ZH GR	9028283000	G.89	H1,5/20 ZH R SV	9004920000	G.88
G 20/2.00A/F	0430900000	E.138	H0,25/12T GE SV	9021220000	G.86	H0,75/19S ZH W	9202820000	B.37	H1,5/20D SW ZH SV	9004750000	G.89
G 20/2.00A/F	0430900000	E.35	H0,25/5	9018910000	G.93	H0,75/19S ZH W	9028282000	G.88	H1,5/20D SW ZH SV	9004750000	G.90
G 20/2.00A/F	0430900000	E.38	H0,34/10 TK	9025750000	G.82	H0,75/19TS ZH HBL	9202840000	G.90	H1,5/20D ZH SW	9037480000	G.89
G 20/2.00A/F	0430900000	E.39	H0,34/10 TK SV	9026030000	G.82	H0,75/24,5 ZH W	9037250000	B.37	H1,5/20D ZH SW	9037480000	G.90
G 20/2.50A/F	0431000000	B.34	H0,34/12 TK	9025770000	G.36	H0,75/24,5 ZH W	9037250000	G.88	H1,5/24 R	0565600000	G.82
G 20/2.50A/F	0431000000	C.47	H0,34/12 TK	9025770000	G.82	H0,75/24,5D ZH GR	9037430000	G.89	H1,5/24D SW	9019150000	G.84
G 20/2.50A/F	0431000000	D.141	H0,34/12 TK BD GSP	9004390000	G.83	H0,75/24,5T ZH HBL	9037630000	G.90	H1,5/24D SW	9019150000	G.86
G 20/2.50A/F	0431000000	E.138	H0,34/12 TK SV	9025790000	B.36	H0,75/6	0282700000	G.93	H1,5/24D SW SV	9004140000	G.84
G 20/3.15A/F	0431100000	B.34	H0,34/12 TK SV	9025790000	G.82	H0,75/14 HBL	9021040000	G.86	H1,5/24D SW SV	9004140000	G.86
G 20/3.15A/F	0431100000	C.47	H0,5/10	9004050000	G.93	H1,0/10	0282800000	G.93	H1,5/25,6 ZH R	9037310000	B.37
G 20/3.15A/F	0431100000	D.141	H0,5/10 OR SV	9028260000	G.82	H1,0/12 GE	0409700000	G.82	H1,5/25,6 ZH R	9037310000	G.88
G 20/3.15A/F	0431100000	E.138	H0,5/12 OR	0409500000	G.82	H1,0/12 GE SV	9028310000	G.82	H1,5/25,6D ZH SW	9037490000	G.89
G 20/4.00A/F	0431200000	B.34	H0,5/12D W	9019000000	G.84	H1,0/12D R	9019070000	G.84	H1,5/25,6D ZH SW	9037490000	G.90
G 20/4.00A/F	0431200000	C.47	H0,5/12D W	9019000000	G.86	H1,0/12D R	9019070000	G.86	H1,5/7	0372700000	G.93
G 20/4.00A/F	0431200000	D.141	H0,5/14 OR	0690700000	B.36	H1,0/14 GE	0463000000	B.36	H10,0/12	0282900000	G.93
G 20/4.00A/F	0431200000	E.138	H0,5/14 OR	0690700000	G.82	H1,0/14 GE	0463000000	G.82	H10,0/15	0124800000	G.93
G 20/5.00A/F	0431300000	B.34	H0,5/14 OR BD	9004320000	G.83	H1,0/14 GE BD	9004320000	G.83	H10,0/18	0379300000	G.93
G 20/5.00A/F	0431300000	C.47	H0,5/14 OR BD GSP	9005810000	G.83	H1,0/14 GE BD GSP	9005830000	G.83	H10,0/22 EB	0534200000	G.82
G 20/5.00A/F	0431300000	D.141	H0,5/14 OR SV	9026060000	B.36	H1,0/14 GE SV	9026080000	G.82	H10,0/22D R	9019240000	G.84
G 20/5.00A/F	0431300000	E.138	H0,5/14 OR SV	9026060000	G.82	H1,0/14D R	9019080000	G.84	H10,0/22T BR	9021150000	G.86
G 20/6.30A/F	0431400000	B.34	H0,5/14D W	9019010000	G.84	H1,0/14D R	9019080000	G.86	H10,0/24,5X R SV	9006830000	G.91
G 20/6.30A/F	0431400000	C.47	H0,5/14D W	9019010000	G.86	H1,0/14D R BD	9004330000	G.84	H10,0/24DS ZH R	9018880000	G.89
G 20/6.30A/F	0431400000	D.141	H0,5/14D W BD	9004280000	G.84	H1,0/14D R BD	9004330000	G.86	H10,0/26 ZH EB	9037340000	G.88
G 20/6.30A/F	0431400000	E.138	H0,5/14D W BD	9004280000	G.86	H1,0/14D R BD GSP	9005880000	G.85	H10,0/26 ZH EB SV	9004940000	G.88
G 25/0.25A/M GE	0546900000	D.141	H0,5/14D W BD GSP	9005860000	G.85	H1,0/14D R BD GSP	9005880000	G.87	H10,0/26D R ZH SV	9004710000	G.89
G 25/0.25A/M GE	0546900000	E.138	H0,5/1								

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
H16,0/24D BL	9019260000	G.84	H4,0/28T ZH OR	9037680000	G.90	IAD 2/4 GE NEUTRAL	1828430000	C.12	IDK 1.5N/ZB BL	1896720000	C.15
H16,0/24T W	9021170000	G.86	H4,0/9	0373100000	G.93	IAD 2/4 GE NEUTRAL	1828430000	C.24	IDK 1.5N/ZB BL	1896720000	C.28
H16,0/25	9004150000	G.93	H4/17 GR SV	9026010000	G.82	IAD 2/4 GE NEUTRAL	1828430000	C.27	IDU 1.5N	1792540000	C.6
H16,0/25,5X BL SV	9006870000	G.91	H4/17 GR SV	9026010000	G.84	IAD 2/4 GE NEUTRAL	1828430000	C.8	IDU 1.5N BL	1792550000	C.6
H16,0/28 GN	0566000000	G.82	H4/17T OR SV	9021250000	G.86	IAD 2/4 GE NEUTRAL	1828430000	C.9	IDU 1.5N/2X2AN	1824340000	C.7
H16,0/28D BL	9019270000	G.84	H4/22D ZH GR SV	9004730000	G.88	IAD 2/4 GE NEUTRAL	1828430000	C.13	IDU 1.5N/3AN	1792570000	C.6
H16,0/28T W	9021180000	G.86	H4/22D ZH GR SV	9004730000	G.89	IAD 2/4 GE NEUTRAL	1828430000	C.23	IDU 1.5N/3AN BL	1792580000	C.6
H16,0/29 ZH GN	9037360000	G.88	H50,0/18	9004210000	G.93	IAD 2/4 GE NEUTRAL	1828430000	C.45	IDU 1.5N/3AN/ZB	1806170000	C.23
H16,0/29D ZH BL	9037590000	G.89	H50,0/25	9025880000	G.93	IAK 1.5N 3L	1801820000	C.34	IDU 1.5N/3AN/ZB BL	1819480000	C.23
H16,0/29T ZH W	9037730000	G.90	H50,0/32	9004220000	G.93	IAP 1.5N	1792430000	C.10	IDU 1.5N/3AN/ZF	1806150000	C.22
H16,0/32	9004160000	G.93	H50/36 OLIV	0444200000	G.82	IAP 1.5N	1792430000	C.22	IDU 1.5N/3AN/ZF BL	1819470000	C.22
H16,0/38 ZH GN	9037370000	G.88	H50/36D BL	9019340000	G.84	IAP 1.5N	1792430000	C.23	IDU 1.5N/4AN	1792600000	C.7
H16,0/38D ZH BL	9037600000	G.89	H50/40D BL	9019350000	G.84	IAP 1.5N	1792430000	C.25	IDU 1.5N/4AN BL	1792610000	C.7
H16,0/38T ZH W	9037740000	G.90	H6,0,0/20T GN	9021130000	G.86	IAP 1.5N	1792430000	C.26	IDU 1.5N/ZB	1792730000	C.23
H185,0/32	9036260000	G.93	H6,0/10	9004120000	G.93	IAP 1.5N	1792430000	C.38	IDU 1.5N/ZB BL	1792740000	C.23
H2,5/10	9004080000	G.86	H6,0/12	0191900000	G.93	IAP 1.5N	1792430000	C.6	IDU 1.5N/ZF	1792700000	C.22
H2,5/12	0186100000	G.93	H6,0/15	0124700000	G.93	IAP 1.5N 3L	1801770000	C.33	IDU 1.5N/ZF BL	1792710000	C.22
H2,5/12DS BL	9028490000	G.92	H6,0/18	9004130000	G.93	IAP 1.5N 3L	1801770000	C.34	IDU 1.5N	1812900000	C.8
H2,5/12TS GR	9036200000	G.92	H6,0/20 SW	0533500000	B.36	IAP 1.5N 3L	1801770000	C.35	IDU 2.5N BL	1812910000	C.8
H2,5/14 BL SV	9026100000	G.82	H6,0/20 SW	0533500000	G.82	IAP 1.5N 3L	1801770000	C.38	IDU 2.5N/2X2AN	1821230000	C.9
H2,5/14 BL SV	9026100000	G.84	H6,0/20D GE	9019220000	G.84	IAP 1.5N 4L	1801780000	C.35	IDU 2.5N/3AN	1812930000	C.8
H2,5/14D BL	9019160000	B.36	H6,0/23,0X GE SV	9006790000	G.91	IAP 1.5N 4L	1801780000	C.34	IDU 2.5N/3AN BL	1812940000	C.8
H2,5/14D BL	9019160000	G.82	H6,0/25 ZH SW	9037320000	G.88	IAP 1.5N 4L	1801780000	C.38	IDU 2.5N/3AN/ZB	1848300000	C.24
H2,5/14D BL	9019160000	G.84	H6,0/25 ZH SW SV	9004930000	G.88	IAP 1.5N BL	1792440000	C.22	IDU 2.5N/3AN/ZB BL	1848310000	C.24
H2,5/14D BL BD	9004360000	G.83	H6,0/25D ZH GE	9037550000	G.89	IAP 1.5N BL	1792440000	C.23	IDU 2.5N/4AN	1812960000	C.9
H2,5/14D BL BD	9004360000	G.84	H6,0/25T ZH GN	9037690000	G.90	IAP 1.5N BL	1792440000	C.38	IDU 2.5N/4AN BL	1812970000	C.9
H2,5/14D BL BD GSP	9005850000	G.83	H6,0/25T ZH GN SV	9005160000	G.90	IAP 1.5N BL	1792440000	C.6	IDU 2.5N/ZB	1821290000	C.24
H2,5/14D BL BD GSP	9005850000	G.85	H6,0/26 SW	0665700000	G.82	IAP 1.5N/3AN	1792450000	C.10	IDU 2.5N/ZB BL	1821300000	C.24
H2,5/14S BL	1333100000	G.92	H6,0/26D GE	9019230000	G.84	IAP 1.5N/3AN	1792450000	C.18	IDU 2.5N/ZF	1821260000	C.23
H2,5/14T GR	9021070000	G.86	H6,0/29 ZH SW	9037330000	G.88	IAP 1.5N/3AN	1792450000	C.20	IDU 2.5N/ZF BL	1821270000	C.23
H2,5/14T GR BD	9004370000	G.86	H6,0/29D ZH GE	9037560000	G.89	IAP 1.5N/3AN	1792450000	C.22	IEK 1.5N 3L	1801790000	C.33
H2,5/14T GR BD GSP	9005910000	G.87	H6,0/29T ZH GN	9037700000	G.90	IAP 1.5N/3AN	1792450000	C.23	IEK 1.5N 3L PE	1801800000	C.33
H2,5/14T GR SV	9021240000	G.86	H6/25D ZH GE SV	9004720000	G.89	IAP 1.5N/3AN	1792450000	C.25	IEK 1.5N 4L PE	1801810000	C.34
H2,5/14TS GR	9426770000	G.92	H6/26T GN	9021140000	G.86	IAP 1.5N/3AN	1792450000	C.26	IEPL	1859570000	C.18
H2,5/16DS BL	9036220000	G.92	H70,0/25	9004230000	G.93	IAP 1.5N/3AN	1792450000	C.38	IEPL	1859570000	D.110
H2,5/17,5X BL SV	9006670000	G.91	H70,0/32	9004240000	G.93	IAP 1.5N/3AN	1792450000	C.6	IK 1.5N 3L	1801840000	C.35
H2,5/18	9004090000	G.93	H70,0/40 GE	9028200000	G.82	IAP 1.5N/3AN BL	1792460000	C.18	IK 1.5N 4L	1801870000	C.35
H2,5/18,5D ZH BL	9037500000	G.88	H95,0/25	9004250000	G.93	IAP 1.5N/3AN BL	1792460000	C.20	IK 1.5N 4L PA	1801900000	C.35
H2,5/18,5D ZH BL	9037500000	G.89	H95,0/32	9004260000	G.93	IAP 1.5N/3AN BL	1792460000	C.22	IK 16/ZB16 BL	0502980000	G.22
H2,5/18,5D ZH BL SV	9004430000	G.88	H95,0/44 R	9028210000	G.82	IAP 1.5N/3AN BL	1792460000	C.23	IK 16/ZB16 GG	0502960000	G.22
H2,5/18,5D ZH BL SV	9004430000	G.89	HA ADP WF6/WF10	1781050000	E.104	IAP 1.5N/3AN BL	1792460000	C.38	IK 35/ZB35 BL	0502780000	G.22
H2,5/18,5T ZH GR	9037640000	G.90	HA ADP WF6/WF10	1781050000	E.105	IAP 1.5N/3AN BL	1792460000	C.6	IK 4 BL ZB4	0475480000	G.22
H2,5/18,5T ZH GR SV	9018580000	G.90	HA ADP WF6/WF10	1781050000	E.106	IAP 1.5N/4AN	1792470000	C.7	IK 4 GG ZB4	0475460000	G.22
H2,5/18D BL	9019170000	B.36	HA ADP WF6/WF10	1781050000	E.107	IAP 1.5N/4AN	1792470000	C.11	IK 6 BL ZBE6K	0526080000	G.22
H2,5/18D BL	9019170000	G.82	HDC RailMate Basis	1797580000	G.33	IAP 1.5N/4AN	1792470000	C.18	IK 6 GG ZBE6K	0526060000	G.22
H2,5/18D BL	9019170000	G.84	HDC RailMate COS 1 Set	1798260000	G.33	IAP 1.5N/4AN	1792470000	C.20	Insta-Set D + SD	1905020000	H.6
H2,5/18T GR	9021080000	G.86	HDC RailMate HB 10 Set	1797510000	G.33	IAP 1.5N/4AN	1792470000	C.38	Insta-Set D + Stripax	1904990000	H.6
H2,5/20,5 T ZH GR SV	9005150000	G.90	HDC RailMate HB10 Top	1797550000	G.33	IAP 1.5N/4AN BL	1792480000	C.7	Insta-Set D + VDE SDI	1905010000	H.6
H2,5/20,5D BL ZH SV	9004740000	G.88	HDC RailMate HB16 Set	1797520000	G.33	IAP 1.5N/4AN BL	1792480000	C.18	Insta-Set D+VDE ZANGEN	1908440000	H.6
H2,5/20,5D BL ZH SV	9004740000	G.89	HDC RailMate HB16 Top	1797560000	G.33	IAP 1.5N/4AN BL	1792480000	C.20	IPE 1.5N	1792560000	C.10
H2,5/20,5D ZH BL	9037510000	G.88	HDC RailMate HB24 Set	1797530000	G.33	IAP 1.5N/4AN BL	1792480000	C.38	IPE 1.5N/3AN	1792590000	C.10
H2,5/20,5D ZH BL	9037510000	G.89	HDC RailMate HB24 Top	1797570000	G.33	IAP 1.5N/DK	1792520000	C.11	IPE 1.5N/3AN/ZB	1806160000	C.26
H2,5/20,5T ZH GR	9037650000	G.90	HDC RailMate HB6 Set	1797500000	G.33	IAP 1.5N/DK	1792520000	C.14	IPE 1.5N/3AN/ZF	1806140000	C.25
H2,5/21,5X BL ZH SV	9006710000	G.91	HDC RailMate HB6 Top	1797540000	G.33	IAP 1.5N/DK	1792520000	C.16	IPE 1.5N/4AN	1792620000	C.11
H2,5/24D BL	9019180000	G.82	HOOBKLA 0,25-1,5 SW	9036290000	G.94	IAP 1.5N/DK	1792520000	C.38	IPE 1.5N/ZB	1792750000	C.26
H2,5/24D BL	9019180000	G.84	HOOBKLA 1,0-2,5 SW	9036300000	G.94	IAP 1.5N/DK BL	1792530000	C.14	IPE 1.5N/ZF	1792720000	C.25
H2,5/24T GR	9021090000	G.86	HP 1 ADP1	0485560000	E.118	IAP 1.5N/DK BL	1792530000	C.38	IPE 2.5N	1812920000	C.12
H2,5/26,5D ZH BL	9037520000	B.37	HP 2 ADP2	0485660000	E.118	IAP 1.5N/DK-ZB	1896710000	C.15	IPE 2.5N/3AN	1812950000	C.12
H2,5/26,5D ZH BL	9037520000	G.88	HP 3 ADP3	0485760000	E.118	IAP 1.5N/DK-ZB	1896710000	C.28	IPE 2.5N/3AN/ZB	1848320000	C.27
H2,5/26,5D ZH BL	9037520000	G.89	HP 4 ADP3	0485860000	E.118	IAP 1.5N/DK-ZB	1896710000	C.38	IPE 2.5N/4AN	1812990000	C.13
H2,5/26,5T ZH GR	9037660000	G.90	HP 7 TSK31.5	0258260000	E.118	IAP 1.5N/DK-ZB BL	1896730000	C.15	IPE 2.5N/ZF	1821310000	C.27
H2,5/7	0373000000	G.93	HP 8 ADP 1	0258360000	E.118	IAP 1.5N/DK-ZB BL	1896730000	C.28	IPE 2.5N/ZF	1821280000	C.27
H25,0/15	0124400000	G.93	HTF ZRV	9014840000	D.82	IAP 1.5N/DK-ZB BL	1896730000	C.38	IRH 1.5	1804510000	C.10
H25,0/18	0375300000	G.93	HTF ZRV	9014840000	D.83	IAP 2.5N	1813020000	C.27	IRH 1.5	1804510000	C.11
H25,0/25	9004170000	G.93	HTI 15	9014400000	G.81	IAP 2.5N	1813020000	C.12	IRH 1.5	1804510000	C.14
H25,0/30 BR	0317000000	G.82				IAP 2.5N	1813020000	C.21	IRH 1.5	1804510000	C.16
H25,0/30D 16 GE	9019280000	G.84				IAP 2.5N	1813020000	C.23	IRH 1.5	1804510000	C.22
H25,0/30T SW	9021190000	G.86				IAP 2.5N	1813020000	C.24	IRH 1.5	1804510000	C.23
H25,0/32	9004180000	G.93	IAD 1/4 GE MIT BLITZ	1805500000	C.10	IAP 2.5N	1813020000	C.38	IRH 1.5	1804510000	C.25
H25,0/36 BR	0317100000	G.82	IAD 1/4 GE MIT BLITZ	1805500000	C.11	IAP 2.5N	1813020000	C.8	IRH 1.5	1804510000	C.26
H25,0/36D GE	9019300000	G.84	IAD 1/4 GE MIT BLITZ	1805500000	C.14	IAP 2.5N BL	1813030000	C.21	IRH 1.5	1804510000	C.33
H25,0/36T SW	9021200000	G.86	IAD 1/4 GE MIT BLITZ	1805500000	C.16	IAP 2.5N BL	1813030000	C.23	IRH 1.5	1804510000	C.34
H35,0/18	0368900000	G.93	IAD 1/4 GE MIT BLITZ	1805500000	C.22	IAP 2.5N BL	1813030000	C.24	IRH 1.5	1804510000	C.35
H35,0/25	9004190000	G.93	IAD 1/4 GE MIT BLITZ	1805500000	C.23	IAP 2.5N BL	1813030000	C.38	IRH 1.5	1804510000	C.6
H35,0/30 BE	0317200000	G.82	IAD 1/4 GE MIT BLITZ	1805500000	C.25	IAP 2.5N BL	1813030000	C.8	IRH 1.5	1804510000	C.7
H35,0/30D 16 R	9019310000	G.84	IAD 1/4 GE MIT BLITZ	1805500000	C.26	IAP 2.5N/3AN	1813040000	C.12	IRH 1.5	1804510000	C.15
H35,0/30D R	9019320000	G.84	IAD 1/4 GE MIT BLITZ	1805500000	C.6	IAP 2.5N/3AN	1813040000	C.19	IRH 1.5	1804510000	C.28
H35,0/30S	9451000000	G.93	IAD 1/4 GE MIT BLITZ	1805500000	C.7	IAP 2.5N/3AN	1813040000	C.24	IRH 1.5	1804510000	C.43
H35,0/32	9004200000	G.93	IAD 1/4 GE MIT BLITZ	1805500000	C.15	IAP 2.5N/3AN	1813040000	C.27	IRH 2.5	1848230000	C.12
H35,0/39 BE	0317300000	G.82	IAD 1/4 GE MIT BLITZ	1805500000	C.28	IAP 2.5N/3AN	1813040000	C.39	IRH 2.5	1848230000	C.24
H35,0/39D R	9019330000	G.84	IAD 1/4 GE MIT BLITZ	1805500000	C.45	IAP 2.5N/3AN	1813040000	C.8	IRH 2.5	1848230000	C.27
H4,0/12	0244100000	G.93	IAD 1/4 GE Neutral	1818420000	C.10	IAP 2.5N/					

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
ITA 1	1803800000	C.25	KT 45 R	9202040000	G.63	MK 10/14	0370160000	G.13	PAP PDL4	1883210000	B.17
ITA 1	1803800000	C.26	KT 8	9002650000	G.60	MK 2/12	0241260000	G.12	PAP PDL4	1883210000	B.18
ITA 1	1803800000	C.31	KT ZQV	9002170000	G.61	MK 3/10	0274620000	G.12	PAP PDL4	1883210000	B.24
ITA 1	1803800000	C.6				MK 3/10/E	7906190000	G.16	PAP PDL4	1883210000	B.25
ITA 1	1803800000	C.7				MK 3/11/E	7906200000	G.16	PAP PDL4S	1837070000	B.21
ITA 1	1803800000	C.15				MK 3/12	0243520000	G.12	PAP PDL4S	1837070000	B.22
ITA 1	1803800000	C.28	LADEGERAET DMS 3	9007460000	G.71	MK 3/12/E	7906210000	G.16	PAP PDL4S	1837070000	B.23
ITA 1	1803800000	C.44	LIB 1,5B25 VF	9200490000	G.95	MK 3/2	0273820000	G.12	PAP PDU6/10	1896330000	B.28
ITA 1/Z	1803810000	C.10	LIB 2,5B25 VF	9200500000	G.95	MK 3/2/E	7906110000	G.16	PAP PDU6/10	1896330000	B.5
ITA 1/Z	1803810000	C.11	LIB 6B26 VF	9200510000	G.95	MK 3/3	0273920000	G.12	PAP PDU6/10/3AN	1896340000	B.9
ITA 1/Z	1803810000	C.14	LID 1,5F4 RF	9200700000	G.96	MK 3/3/E	7906120000	G.16	PAP PDU6/10/3AN	1896340000	B.28
ITA 1/Z	1803810000	C.16	LID 1,5M4 R	9200670000	G.96	MK 3/4	0274020000	G.12	PAP PDU6/10/3AN	1896340000	B.6
ITA 1/Z	1803810000	C.22	LID 2,5F5 RF	9200710000	G.96	MK 3/4/E	7906130000	G.16	PAP PTR2.5/4	1934680000	B.14
ITA 1/Z	1803810000	C.23	LID 2,5M5 R	9200680000	G.96	MK 3/5	0274120000	G.12	PAP PTR2.5/4/3AN	1934690000	B.15
ITA 1/Z	1803810000	C.25	LID 6,0F5 RF	9200720000	G.96	MK 3/5/E	7906140000	G.16	PAP PTR2.5/4/4AN	1934700000	B.15
ITA 1/Z	1803810000	C.26	LID 6M5 R	9200690000	G.96	MK 3/6	0274220000	G.12	PAP PTR2.5/4/4AN	1934700000	B.16
ITA 1/Z	1803810000	C.31	LIF 1,5F288 R	9200520000	G.95	MK 3/6/E	7906150000	G.16	P-CLEANER	1924330000	G.56
ITA 1/Z	1803810000	C.6	LIF 1,5F488 R	9200530000	G.95	MK 3/7	0274320000	G.12	P-CLEANER	1924330000	G.57
ITA 1/Z	1803810000	C.7	LIF 1,5F638 R	9200540000	G.95	MK 3/7/E	7906160000	G.16	PKD 2.5/4	1918770000	B.11
ITA 1/Z	1803810000	C.15	LIF 1,5F638 RF	9200640000	G.95	MK 3/8	0274420000	G.12	PKD 2.5/4 BL	1918760000	B.11
ITA 1/Z	1803810000	C.28	LIF 1,5M638 R	9200580000	G.95	MK 3/8/E	7906170000	G.16	PKD 2.5/4 PE	1918710000	B.13
ITA 1/Z	1803810000	C.44	LIF 1,5T638 R	9200610000	G.95	MK 3/9	0274520000	G.12	PKD 2.5/4L-PE	1918720000	B.12
ITA 2	1821210000	C.12	LIF 2,5F488 R	9200550000	G.95	MK 3/9/E	7906180000	G.16	PKD 2.5/4N-L	1918740000	B.12
ITA 2	1821210000	C.24	LIF 2,5F638 R	9200560000	G.95	MK 4/16	0244220000	G.13	PKD 2.5/4V	1918730000	B.11
ITA 2	1821210000	C.27	LIF 2,5F638 RF	9200650000	G.95	MK 5/2 O.D.E	0243820000	G.14	PKD 2.5/4V BL	1918680000	B.11
ITA 2	1821210000	C.8	LIF 2,5M638 R	9200590000	G.95	MK 6/2	0620420000	G.13	PDL 4 S/L	1847610000	B.22
ITA 2	1821210000	C.9	LIF 2,5T638 R	9200620000	G.95	MK 6/2/E	7906220000	G.17	PDL 4 S/L/L	1837030000	B.21
ITA 2	1821210000	C.13	LIF 6F638 R	9200570000	G.95	MK 6/3	0620320000	G.13	PDL 4 S/L/L/PE	1837040000	B.23
ITA 2	1821210000	C.23	LIF 6F638 RF	9200660000	G.95	MK 6/3/E	7906230000	G.17	PDL 4 S/N	1847620000	B.23
ITA 2	1821210000	C.44	LIF 6M638 R	9200600000	G.95	MK 6/4	0620220000	G.13	PDL 4 S/N/L	1847630000	B.23
ITA 2/Z	1821220000	C.12	LIF 6T638 R	9200630000	G.95	MK 6/4/E	7906240000	G.17	PDL 4 S/N/L/PE	1837050000	B.22
ITA 2/Z	1821220000	C.24	LIP 1,5R12 V	9200460000	G.94	MK 6/5/E	7906250000	G.17	PDL 4 S/NT/L/PE	1837060000	B.21
ITA 2/Z	1821220000	C.27	LIP 2,5R12 V	9200470000	G.94	MK 6/6	0620120000	G.13	PDL 4/L/L	1882590000	B.25
ITA 2/Z	1821220000	C.8	LIP 6R14 V	9200480000	G.94	MK 6/6/E	7906260000	G.17	PDL 4/L/L/PE	1882610000	B.25
ITA 2/Z	1821220000	C.9	LIR 1,5M3 V	9200070000	G.94	MOFU 15/35 ZDUB	1723660000	E.197	PDL 4N/L/PE	1899180000	B.25
ITA 2/Z	1821220000	C.13	LIR 1,5M3,5 V	9200080000	G.94	MOFU 15/35 ZPS2.5	1899170000	D.131	PDL 4N/L/PE	1882600000	B.24
ITA 2/Z	1821220000	C.23	LIR 1,5M4 V	9200090000	E.60	MOFU 35	0495660000	G.31	PDL 4/TR/DU/PE	1882620000	B.24
ITA 2/Z	1821220000	C.44	LIR 1,5M4 V	9200090000	G.94	MOFU 35/LO/1	0646260000	G.31	PDL 4/TR/DU	1899190000	B.18
ITPE 1.5N/4AN/2	1837260000	C.31	LIR 1,5M5 V	9200100000	G.94	M-PRINT PRO	1905490000	G.56	PDL 4/TR/DU O TNHE	1899210000	B.17
ITR 1.5N	1792630000	C.18	LIR 1,5M6 V	9200110000	G.94	M-PRINT PRO	1905490000	G.58	PDL 4/TR/DU/PE	1899200000	B.18
ITR 1.5N BL	1792670000	C.18	LIR 1,5M8 V	9200120000	G.94	M-PRINT PRO ADVANCED	1905500000	G.58	PDL 4/TR/DU/PE O TNHE	1899220000	B.17
ITR 1.5N O.TNHE	1814160000	C.18	LIR 2,5M10 V	9200210000	G.94				PDU 16	1896400000	B.6
ITR 1.5N SI	1792640000	C.20	LIR 2,5M3 V	9200150000	G.94				PDU 16 BL	1896220000	B.6
ITR 1.5N/3AN	1812510000	C.18	LIR 2,5M3,5 V	9200160000	G.94				PDU 2.5/4	1896110000	B.4
ITR 1.5N/3AN BL	1812520000	C.18	LIR 2,5M4 V	9200170000	E.60	NSCH 1M	0280200000	G.19	PDU 2.5/4 BL	1896230000	B.4
ITR 1.5N/3AN SI	1820390000	C.20	LIR 2,5M4 V	9200170000	G.94				PDU 2.5/4/3AN	1896120000	B.4
ITR 2.5N	1812990000	C.19	LIR 2,5M5 V	9200180000	G.94				PDU 2.5/4/3AN BL	1896240000	B.4
ITR 2.5N BL	1813000000	C.19	LIR 2,5M6 V	9200190000	G.94				PDU 2.5/4/4AN	1896130000	B.5
ITR 2.5N O.TNHE	1820500000	C.19	LIR 2,5M8 V	9200200000	G.94				PDU 2.5/4/4AN BL	1896250000	B.5
ITR 2.5N SI	1813010000	C.21	LIR 6M10 V	9200270000	G.94				PDU 6/10	1896140000	B.5
			LIR 6M4 V	9200230000	E.60	P 14/10 D01 RT SAKS4	0328700000	E.139	PDU 6/10 BL	1896270000	B.5
			LIR 6M4 V	9200230000	G.94	P 14/2 D01 RS SAKS4	0138000000	E.139	PDU 6/10 BL	1896270000	B.5
			LIR 6M5 V	9200240000	G.94	P 14/4 D01 BR SAKS4	0138000000	E.42	PDU 6/10/3AN	1896150000	B.6
			LIR 6M6 V	9200250000	G.94	P 14/4 D01 BR SAKS4	0138100000	E.139	PDU 6/10/3AN BL	1896280000	B.6
			LIR 6M8 V	9200260000	G.94	P 14/6 D01 GN SAKS4	0328600000	E.42	PDU 6/10/3AN BL	1896280000	B.6
			LIS 1,5M3 V	9200280000	G.94	P 16/10 RT SAKS2	0208900000	E.139	PEI 16	1918780000	B.7
			LIS 1,5M3,5 V	9200290000	G.94	P 16/10 RT SAKS2	0208900000	E.139	PEI 16 BL	1918790000	B.7
			LIS 1,5M4 V	9200300000	G.94	P 16/16 GR SAKS2	0209000000	E.42	PHP PDL	1837090000	B.21
			LIS 1,5M5 V	9200310000	G.94	P 16/16 GR SAKS2	0209000000	E.139	PHP PDL	1837090000	B.22
			LIS 1,5M6 V	9200320000	G.94	P 16/20 BL SAKS2	0209100000	E.42	PHP PDL SO	1837080000	B.21
			LIS 2,5M3 V	9200330000	G.94	P 18/20 D02 BL SAKS5	0209100000	E.42	PHP PDL SO	1837080000	B.22
			LIS 2,5M3,5 V	9200340000	G.94	P 18/20 D02 BL SAKS5	0361800000	E.139	PHP PDL SO	1837080000	B.23
			LIS 2,5M4 V	9200350000	G.94	P 18/20 D02 BL SAKS5	0361800000	E.43	PHP PNT 2.5/4	1896390000	B.19
			LIS 2,5M5 V	9200360000	G.94	P 18/25 D02 GE SAKS5	0361900000	E.139	PHP PNT 2.5/4	1896390000	B.28
			LIS 2,5M6 V	9200370000	G.94	P 18/25 D02 GE SAKS5	0361900000	E.43	PHP PNT 2.5/4 SO	1916790000	B.19
			LIS 2,5M6 V	9200380000	G.94	P 18/35 D02 SW SAKS5	0362000000	E.139	PHP PNT 6/10	1896100000	B.19
			LIS 6M10 V	9200450000	G.94	P 18/35 D02 SW SAKS5	0362000000	E.43	PHP PNT 6/10	1896100000	B.28
			LIS 6M4 V	9200410000	G.94	P 18/50 D02 WS SAKS5	0362100000	E.139	PHP PNT 6/10 SO	1919710000	B.19
			LIS 6M5 V	9200420000	G.94	P 18/50 D02 WS SAKS5	0362100000	E.43	PHP PNT 6/10	1896380000	B.20
			LIS 6M6 V	9200430000	G.94	PAD 16/4	1916170000	B.10	PHP PNT16	1896380000	B.28
			LIS 6M8 V	9200440000	G.94	PAD 16/4	1916170000	B.32	PHP PNT16 SO	1919690000	B.20
			LM MT300 15X9 GE	1882890000	E.88	PAD 16/4	1916170000	B.6	P-INK	1924340000	G.56
			LM MT300 15X9 GE	1882890000	E.90	PAD 16/4	1916170000	B.7	P-INK	1924340000	G.57
			LM MT300 15X9 GE	1882890000	E.92	PAD 2.5/4/4	1916150000	B.11	PJ PRO TINTK FL	1027080000	G.54
			LM MT300 15X9 GE	1882890000	E.89	PAD 2.5/4/4	1916150000	B.12	PJ PRO TINTK INK C	1027050000	G.54
			LM MT300 15X9 GE	1882890000	E.91	PAD 2.5/4/4	1916150000	B.4	PJ PRO TINTK INK K	1027040000	G.54
			LM MT300 20X8 GE	1686381687	G.33	PAD 2.5/4/4	1916150000	B.5	PJ PRO TINTK INK M	1027060000	G.54
			LM MT300 20X8 SI	1686380001	G.33	PAD 2.5/4/4	1916150000	B.8	PJ PRO TINTK INK SET BK	1027090000	G.54
			LM MT300 20X8 WS	1686381044	G.33	PAD 2.5/4/4	1916150000	B.13	PJ PRO TINTK INK Y	1027070000	G.54
			LS 2.8 WDU2.5-10	1056400000	E.140	PAD 2.5/4/4	1916150000	B.32	PJ-Clean Unit	4062150000	G.54
			LS 2.8 WDU2.5-10	1056400000	E.82	PAD 2.5/4/4	1916150000	B.9	PJ-PRO TINTK INK SET COL	1027110000	G.54
						PAD 6/10/4	1916160000	B.9	PLOTTER PEN 0.25 P-INK	1920640000	G.56
						PAD 6/10/4	1916160000	B.32	PLOTTER PEN 0.25 P-INK		



Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
PNT 6/10	1896370000	B.19	Q 2 AKZ1.5	0368200000	E.130	QL 4 SAK6N	0194500000	E.57	SD 0,6x3,5x100	9008330000	D.23
PPE 16	1896210000	B.10	Q 2 AKZ1.5	0368200000	E.96	QL 4 SAK6N	0194500000	E.58	SD 0,6x3,5x100	9008330000	D.24
PPE 2.5/4	1896170000	B.8	Q 2 AKZ4	0336400000	E.130	QL 4 SAK6N	0194500000	E.63	SD 0,6x3,5x100	9008330000	D.25
PPE 2.5/4/3AN	1896200000	B.8	Q 2 AKZ4	0336400000	E.97	QL 4 SAK6N	0194500000	E.68	SD 0,6x3,5x100	9008330000	D.30
PPE 2.5/4/4AN	1896160000	B.9	Q 2 AKZ4SS	0369000000	E.130	QL 4 SAK6N	0194500000	E.69	SD 0,6x3,5x100	9008330000	D.32
PPE 6/10	1896180000	B.9	Q 2 AKZ4SS	0369000000	E.15	QL 4 SAKS2	0208000000	E.42	SD 0,6x3,5x100	9008330000	D.34
PPE 6/10/3AN	1896190000	B.9	Q 2 DLI	1312500000	E.130	QL 4 SAKS2	0208000000	E.43	SD 0,6x3,5x100	9008330000	D.36
PRH 2.5/4/1	1916410000	B.11	Q 2 DLI	1312500000	E.70	QL 4 SAKS4	0328200000	E.42	SD 0,6x3,5x100	9008330000	D.71
PRH 2.5/4/1	1916410000	B.12	Q 2 DLI	1312500000	E.71	QL 4 WTL6/4FF	1897030000	E.60	SD 0,6x3,5x100	9008330000	D.40
PRH 2.5/4/1	1916410000	B.4	Q 2 DLI	1312500000	E.72	QL 5 SAK6N	0220500000	E.63	SD 0,6x3,5x100	9008330000	D.42
PRH 2.5/4/1	1916410000	B.5	Q 2 DLI	1312500000	E.73	QL 50 WTL6/4FF	1897100000	E.60	SD 0,6x3,5x100	9008330000	D.43
PRH 2.5/4/1	1916410000	B.8	Q 2 WDL2.5S	1071500000	E.130	QL 6 SAK6N	0220600000	E.63	SD 0,6x3,5x100	9008330000	D.46
PRH 2.5/4/1	1916410000	B.13	Q 2 WDL2.5S	1071500000	E.44	QS 2/10/4	0270860000	E.63	SD 0,6x3,5x100	9008330000	D.47
PRH 2.5/4/1	1916410000	B.32	Q 2 WDL2.5S	1071500000	E.45	QS 2/12/4	0270760000	E.60	SD 0,6x3,5x100	9008330000	D.48
PRH 2.5/4/1	1916410000	B.9	Q 2 WDL2.5S	1071500000	E.46	QS 2/12/4	0270760000	E.63	SD 0,6x3,5x100	9008330000	D.49
PRH 2.5/4/2	1916400000	B.11	Q 2 WDL2.5S	1071500000	E.47	QS 2/8/4	0270960000	E.63	SD 0,6x3,5x100	9008330000	D.52
PRH 2.5/4/2	1916400000	B.12	Q 2 WTL6/2FF	1897110000	E.60	QVAR 1	1836370000	C.40	SD 0,6x3,5x100	9008330000	D.53
PRH 2.5/4/2	1916400000	B.4	Q 20 DLI	1399800000	E.130	QVAR 1	1836370000	D.118	SD 0,6x3,5x100	9008330000	D.85
PRH 2.5/4/2	1916400000	B.5	Q 20 WDL2.5S	1074200000	E.130	QVS 2 SAKT1+2	0307300000	E.57	SD 0,6x3,5x100	9008330000	D.56
PRH 2.5/4/2	1916400000	B.8	Q 20 WDL2.5S	1074200000	E.44	QVS 2 SAKT1+2	0307300000	E.58	SD 0,6x3,5x100	9008330000	D.6
PRH 2.5/4/2	1916400000	B.13	Q 20 WDL2.5S	1074200000	E.45	QVS 2 SAKT1+2	0307300000	E.62	SD 0,6x3,5x100	9008330000	D.99
PRH 2.5/4/2	1916400000	B.32	Q 3 AKZ1.5	0368300000	E.130	QVS 2/4 SAKT4	1319260000	E.56	SD 0,6x3,5x100	9008330000	D.100
PRH 2.5/4/2	1916400000	B.9	Q 3 AKZ1.5	0368300000	E.96	QVS 2/5 SAKT1+2	0358460000	E.62	SD 0,6x3,5x100	9008330000	D.102
PRINT KIT	1686920000	G.57	Q 3 AKZ4	0336500000	E.130	QVS 3 SAKT1+2	0329300000	E.57	SD 0,6x3,5x100	9008330000	D.103
PRINTJET PRO 115V	1024050000	G.54	Q 3 AKZ4	0336500000	E.97	QVS 3 SAKT1+2	0329300000	E.58	SD 0,6x3,5x100	9008330000	D.104
PRINTJET PRO 230V	1001180001	G.54	Q 3 AKZ4SS	0369100000	E.130	QVS 3 SAKT1+2	0329300000	E.62	SD 0,6x3,5x100	9008330000	D.62
PS 2.0 OR	0293800000	D.135	Q 3 AKZ4SS	0369100000	E.15	QVS 4 SAKT1+2	0307400000	E.57	SD 0,6x3,5x100	9008330000	D.105
PS 2.3 RT	0180400000	B.14	Q 3 DLI	1312600000	E.130	QVS 4 SAKT1+2	0307400000	E.58	SD 0,6x3,5x100	9008330000	D.106
PS 2.3 RT	0180400000	B.15	Q 3 DLI	1312600000	E.70	QVS 4 SAKT1+2	0307400000	E.62	SD 0,6x3,5x100	9008330000	D.107
PS 2.3 RT	0180400000	B.16	Q 3 DLI	1312600000	E.71	QVSK 2 SAKT1	1670360000	E.62	SD 0,6x3,5x100	9008330000	D.108
PS 2.3 RT	0180400000	C.44	Q 3 DLI	1312600000	E.72				SD 0,6x3,5x100	9008330000	D.109
PS 2.3 RT	0180400000	D.135	Q 3 DLI	1312600000	E.73				SD 0,6x3,5x100	9008330000	D.66
PS 2.3 RT	0180400000	D.52	Q 3 WDL2.5S	1071600000	E.130				SD 0,6x3,5x100	9008330000	D.7
PS 2.3 RT	0180400000	D.53	Q 3 WDL2.5S	1071600000	E.44	Reiniger 2000 25ml	1772130000	G.56	SD 0,6x3,5x100	9008330000	D.70
PS 2.3 RT	0180400000	D.80	Q 3 WDL2.5S	1071600000	E.45	Reiniger 2000 25ml	1772130000	G.57	SD 0,6x3,5x100	9008330000	D.73
PS 2.3 RT	0180400000	E.133	Q 3 WDL2.5S	1071600000	E.46	REINIGUNGSBECHER	1288300000	G.56	SD 0,6x3,5x100	9008330000	D.74
PS 2.3 RT	0180400000	E.29	Q 3 WDL2.5S	1071600000	E.47				SD 0,6x3,5x100	9008330000	D.75
PS 2.3 RT	0180400000	E.30	Q 3 WTL6/2FF	1897120000	E.60				SD 0,6x3,5x100	9008330000	D.76
PS 2.3 RT	0180400000	E.31	Q 4 AKZ1.5	0368400000	E.130				SD 0,6x3,5x100	9008330000	D.78
PS 2.3 RT	0180400000	E.32	Q 4 AKZ1.5	0368400000	E.96	SAKS 2/35 DB	1368700000	E.42	SD 0,6x3,5x100	9008330000	D.8
PS 2.3 RT	0180400000	E.33	Q 4 AKZ4	0336600000	E.130	SAKS 4/35 DB	0501800000	E.42	SD 0,6x3,5x100	9008330000	D.84
PS 2.3 RT	0180400000	E.96	Q 4 AKZ4	0336600000	E.97	SAKS 5/35 DB	0502100000	E.43	SD 0,6x3,5x100	9008330000	D.92
PS 2.3 RT	0180400000	E.97	Q 4 AKZ4SS	0369200000	E.130	SCHT 14/6	1269060000	G.50	SD 0,6x3,5x100	9008330000	D.93
PS 4 F.STB 4	0299600000	D.111	Q 4 AKZ4SS	0369200000	E.15	SCHT 5	0292460000	G.49	SD 0,6x3,5x100	9008330000	D.96
PS 4 F.STB 4	0299600000	E.133	Q 4 DLI	1312700000	E.130	SCHT 5 S	1631930000	G.49	SD 0,6x3,5x100	9008330000	D.97
PS 4 F.STB 4	0299600000	E.56	Q 4 DLI	1312700000	E.70	SCHT 7	0517960000	G.49	SD 0,6x3,5x100	9008330000	D.98
PS 4 F.STB 4	0299600000	E.57	Q 4 DLI	1312700000	E.71	SCHT 9/4	1278460000	G.50	SD 0,6x3,5x100	9008330000	E.23
PS 4 F.STB 4	0299600000	E.58	Q 4 DLI	1312700000	E.72	SD 0,4x2,0x60	9037160000	D.22	SD 0,6x3,5x100	9008330000	E.31
PS 4 F.STB 4	0299600000	E.59	Q 4 DLI	1312700000	E.73	SD 0,4x2,0x60	9037160000	D.38	SD 0,6x3,5x100	9008330000	E.33
PTA PDU2.5/4	1916180000	B.4	Q 4 WDL2.5S	1071700000	E.130	SD 0,4x2,0x60	9037160000	D.4	SD 0,6x3,5x100	9008330000	E.47
PTA PDU2.5/4	1916180000	B.5	Q 4 WDL2.5S	1071700000	E.44	SD 0,4x2,0x60	9037160000	D.5	SD 0,6x3,5x100	9008330000	E.71
PTA PDU2.5/4	1916180000	B.32	Q 4 WDL2.5S	1071700000	E.45	SD 0,4x2,0x60	9037160000	D.23	SD 0,6x3,5x100	9008330000	E.19
PTA ZA PDU2.5/4	1916190000	B.4	Q 4 WDL2.5S	1071700000	E.46	SD 0,4x2,0x60	9037160000	D.39	SD 0,6x3,5x100	9008330000	E.20
PTA ZA PDU2.5/4	1916190000	B.5	Q 4 WDL2.5S	1071700000	E.47	SD 0,4x2,0x60	9037160000	D.44	SD 0,6x3,5x100	9008330000	E.21
PTA ZA PDU2.5/4	1916190000	B.32	Q 4 WTL 6/4FF	1897130000	E.60	SD 0,4x2,0x60	9037160000	G.75	SD 0,6x3,5x100	9008330000	E.22
PTR 2.5/4	1933950000	B.14	Q 5 DLI	1312800000	E.130	SD 0,4x2,5x75	9009030000	G.75	SD 0,6x3,5x100	9008330000	E.29
PTR 2.5/4 BL	1933970000	B.14	Q WDU10-2.5 SET	1859620000	E.121	SD 0,5x3,0x80	9008320000	B.5	SD 0,6x3,5x100	9008330000	E.85
PTR 2.5/4 O TNHE	1933910000	B.14	Q WDU10-4 SET	1859610000	E.121	SD 0,5x3,0x80	9008320000	B.9	SD 0,6x3,5x100	9008330000	E.30
PTR 2.5/4/3AN	1933980000	B.15	Q WDU6-2.5 SET	1859600000	E.122	SD 0,5x3,0x80	9008320000	B.11	SD 0,6x3,5x100	9008330000	E.32
PTR 2.5/4/3AN BL	1933930000	B.15	QB 58/8/9/WI	0545300000	E.53	SD 0,5x3,0x80	9008320000	B.12	SD 0,6x3,5x100	9008330000	E.34
PTR 2.5/4/3AN O TNHE	1933990000	B.15	QL 10 SAK16	0471000000	E.40	SD 0,5x3,0x80	9008320000	B.14	SD 0,6x3,5x100	9008330000	E.35
PTR 2.5/4/4AN	1933940000	B.15	QL 10 SAK6N	0338300000	E.132	SD 0,5x3,0x80	9008320000	B.15	SD 0,6x3,5x100	9008330000	E.38
PTR 2.5/4/4AN BL	1934000000	B.15	QL 10 SAK6N	0338300000	E.39	SD 0,5x3,0x80	9008320000	B.17	SD 0,6x3,5x100	9008330000	E.46
PTR 2.5/4/4AN O TNHE	1933890000	B.16	QL 10 SAK6N	0338300000	E.57	SD 0,5x3,0x80	9008320000	B.18	SD 0,6x3,5x100	9008330000	E.48
PZ 1.5	9005990000	G.81	QL 10 SAK6N	0338300000	E.58	SD 0,5x3,0x80	9008320000	B.19	SD 0,6x3,5x100	9008330000	E.49
PZ 16	9012600000	G.69	QL 10 SAK6N	0338300000	E.63	SD 0,5x3,0x80	9008320000	B.4	SD 0,6x3,5x100	9008330000	E.70
PZ 16	9012600000	G.81	QL 10 SAK6N	0338300000	E.68	SD 0,5x3,0x80	9008320000	B.8	SD 0,6x3,5x100	9008330000	E.72
PZ 3	0567300000	G.68	QL 10 SAK6N	0338300000	E.69	SD 0,5x3,0x80	9008320000	B.13	SD 0,6x3,5x100	9008330000	E.73
PZ 3	0567300000	G.81	QL 10 SAKS2	0338900000	E.42	SD 0,5x3,0x80	9008320000	B.16	SD 0,6x3,5x100	9008330000	E.83
PZ 4	9012500000	G.67	QL 10 SAKS2	0338900000	E.43	SD 0,5x3,0x80	9008320000	B.6	SD 0,6x3,5x100	9008330000	E.84
PZ 4	9012500000	G.81	QL 10 SAKS4	0339000000	E.42	SD 0,5x3,0x80	9008320000	D.50	SD 0,6x3,5x100	9008330000	E.86
PZ 50	9006450000	G.70	QL 10 WTL 6/4 FF	1897090000	E.60	SD 0,5x3,0x80	9008320000	G.75	SD 0,6x3,5x100	9008330000	C.13
PZ 50	9006450000	G.81	QL 15 SAK6N	0221200000	E.63	SD 0,6x3,5x100	9008330000	C.10	SD 0,6x3,5x100	9008330000	C.15
PZ 6 HEX	9013650000	G.81	QL 2 SAK16	0470700000	E.40	SD 0,6x3,5x100	9008330000	C.11	SD 0,6x3,5x100	9008330000	C.19
PZ 6 Roto	9014350000	G.68	QL 2 SAK6N	0194300000	E.132	SD 0,6x3,5x100	9008330000	C.12	SD 0,6x3,5x100	9008330000	C.21
PZ 6 Roto	9014350000	G.81	QL 2 SAK6N	0194300000	E.39	SD 0,6x3,5x100	9008330000	C.14	SD 0,6x3,5x100	9008330000	C.28
PZ 6/5	9011460000	G.67	QL 2 SAK6N	0194300000	E.57	SD 0,6x3,5x100	9008330000	C.16	SD 0,6x3,5x100	9008330000	D.19
PZ 6/5	9011460000	G.81	QL 2 SAK6N	0194300000	E.58	SD 0,6x3,5x100	9008330000	C.18	SD 0,6x3,5x100	9008330000	D.35
PZ ZH 16	9013600000	G.69	QL 2 SAK6N	0194300000	E.63	SD 0,6x3,5x100	9008330000	C.20	SD 0,6x3,5x100	9008330000	D.44
PZ ZH 16	9013600000	G.81	QL 2 SAK6N	0194300000	E.68	SD 0,6x3,5x100	9008330000	C.22	SD 0,6x3,5x10		

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
SD 0,8x4,0x100	9008340000	D.58	SDK PZ2	9008540000	G.75	SKI 11,0x125	9008930000	G.74	STB 14/D6/4/M3 SAK10	0169900000	E.53
SD 0,8x4,0x100	9008340000	D.59	SDK PZ3	9008550000	G.75	SKI 13,0x125	9008920000	G.74	STB 14/D6/4/M3 SAK10	0169900000	E.57
SD 0,8x4,0x100	9008340000	D.61	SH 1	0299860000	G.20	SKI 5,0x125	9009000000	G.74	STB 14/D6/4/M3 SAK10	0169900000	E.58
SD 0,8x4,0x100	9008340000	D.63	SH 2	0494920000	G.20	SKI 5,5x125	9008990000	G.74	STB 14/D6/4/M3 SAK10	0169900000	E.62
SD 0,8x4,0x100	9008340000	E.24	SH 2 S	0564720000	G.20	SKI 6,0x125	9008980000	G.74	STB 16/D7/4/M4 SAK35	0140200000	E.133
SD 0,8x4,0x100	9008340000	G.75	SH 3	0566600000	G.20	SKI 7,0x125	9008970000	G.74	STB 21,6/45 BL	1936290000	E.62
SD 0,8x4,5x125	9009020000	E.90	SIHA 1/G20	9537550000	E.137	SKI 8,0x125	9008960000	G.74	STB 21,6/45 DB	1938790000	E.62
SD 0,8x4,5x125	9009020000	G.75	SIHA 1/G20	9537550000	E.30	SKI 9,0x125	9008950000	G.74	STB 21,6/45 GE	1936240000	E.53
SD 1,0x5,5x150	9008350000	D.10	SIHA 1/G20 10-36V	9537560000	E.137	SKS 2,0-8,0	9008860000	E.88	STB 21,6/45 GE	1936240000	E.53
SD 1,0x5,5x150	9008350000	D.11	SIHA 1/G20 10-36V	9537560000	E.30	SKS 2,0-8,0	9008860000	E.90	STB 21,6/45 GE	1936240000	E.62
SD 1,0x5,5x150	9008350000	D.26	SIHA 1/G20 140-250V	9537590000	E.137	SKS 2,0-8,0	9008860000	E.89	STB 21,6/45 GN	1936250000	E.53
SD 1,0x5,5x150	9008350000	D.27	SIHA 1/G20 140-250V	9537590000	E.30	SKS 2,0-8,0	9008860000	E.91	STB 21,6/45 GN	1936250000	E.62
SD 1,0x5,5x150	9008350000	D.28	SIHA 1/G20 35-70V	9537570000	E.137	SKS 2,0-8,0	9008860000	E.92	STB 21,6/45 GR	1936280000	E.62
SD 1,0x5,5x150	9008350000	D.61	SIHA 1/G20 60-150V	9537580000	E.137	SKS 2,0-8,0	9008860000	G.76	STB 21,6/45 RT	1936300000	E.62
SD 1,0x5,5x150	9008350000	D.64	SIHA 2/G20	9537600000	D.53	SKS 2,0-8,0, MR	9008870000	G.76	STB 21,6/45 SW	1936270000	E.62
SD 1,0x5,5x150	9008350000	D.67	SIHA 2/G20 10-36V	9537610000	D.53	SMSE WSH U1	1083900000	G.7	STB 21,6/45 VI	1936260000	E.53
SD 1,0x5,5x150	9008350000	D.9	SIHA 2/G20 140-250V	9537640000	D.53	Snap Mark I	1805880000	C.45	STB 21,6/45 VI	1936260000	E.53
SD 1,0x5,5x150	9008350000	E.25	SIHA 3/G20	7921560000	B.14	Snap Mark I	1805880000	G.48	STB 21,6/45 VI	1936260000	E.62
SD 1,0x5,5x150	9008350000	E.50	SIHA 3/G20	7921560000	B.15	SO SH1	0401460000	G.20	STB 21,6/H/BL WTL6/3	1071080000	D.110
SD 1,0x5,5x150	9008350000	E.90	SIHA 3/G20	7921560000	B.17	SP 15	3896100000	G.9	STB 21,6/H/BL WTL6/3	1071080000	D.111
SD 1,0x5,5x150	9008350000	B.10	SIHA 3/G20	7921560000	B.18	SP 20	3896200000	G.9	STB 21,6/H/BL WTL6/3	1071080000	E.55
SD 1,0x5,5x150	9008350000	B.20	SIHA 3/G20	7921560000	C.18	SP 30	3896300000	G.9	STB 21,6/H/BL WTL6/3	1071080000	E.59
SD 1,0x5,5x150	9008350000	B.6	SIHA 3/G20	7921560000	D.52	SPEEDMARKING-LASER	1767090000	G.53	STB 21,6/H/DB WTL6/3	1071000000	D.110
SD 1,0x5,5x150	9008350000	B.7	SIHA 3/G20	7921560000	E.31	SS M3 D 128-A 3	0164400000	E.40	STB 21,6/H/DB WTL6/3	1071000000	E.133
SD 1,0x5,5x150	9008350000	D.12	SIHA 3/G20	7921560000	E.29	SS M4 D 128-A 4	0136400000	E.42	STB 21,6/H/DB WTL6/3	1071000000	E.55
SD 1,0x5,5x150	9008350000	D.17	SIHA 3/G20	7921560000	E.32	SS M4 D 128-A 4	0136400000	E.43	STB 21,6/H/GE WTL6/3	1071010000	D.110
SD 1,0x5,5x150	9008350000	D.29	SIHA 3/G20	7921560000	B.16	SSCH 10X3X1000 CU/SN	0348900000	B.19	STB 21,6/H/GE WTL6/3	1071010000	D.111
SD 1,0x5,5x150	9008350000	D.33	SIHA 3/G20	7921560000	B.33	SSCH 10X3X1000 CU/SN	0348900000	B.21	STB 21,6/H/GE WTL6/3	1071010000	E.55
SD 1,0x5,5x150	9008350000	D.51	SIHA 3/G20	7921560000	C.19	SSCH 10X3X1000 CU/SN	0348900000	B.22	STB 21,6/H/GE WTL6/3	1071010000	E.59
SD 1,0x5,5x150	9008350000	D.60	SIHA 3/G20	7921560000	C.46	SSCH 10X3X1000 CU/SN	0348900000	B.23	STB 21,6/H/GE WTL6/3	1071020000	D.110
SD 1,0x5,5x150	9008350000	D.63	SIHA 3/G20	7921560000	D.140	SSCH 10X3X1000 CU/SN	0348900000	B.20	STB 21,6/H/GE WTL6/3	1071020000	D.111
SD 1,0x5,5x150	9008350000	D.65	SIHA 3/G20	7921560000	D.53	SSCH 10X3X1000 CU/SN	0348900000	D.62	STB 21,6/H/GE WTL6/3	1071020000	E.55
SD 1,0x5,5x150	9008350000	E.24	SIHA 3/G20	7921560000	D.54	SSCH 10X3X1000 CU/SN	0348900000	D.63	STB 21,6/H/GE WTL6/3	1071020000	E.59
SD 1,0x5,5x150	9008350000	E.49	SIHA 3/G20	7921560000	D.80	SSCH 10X3X1000 CU/SN	0348900000	D.64	STB 21,6/H/VI WTL6/3	1071030000	D.110
SD 1,0x5,5x150	9008350000	G.75	SIHA 3/G20	7921560000	E.137	SSCH 10X3X1000 CU/SN	0348900000	D.65	STB 21,6/H/VI WTL6/3	1071030000	D.111
SD 1,2x6,5x150	9009010000	E.26	SIHA 3/G20	7921560000	B.33	SSCH 10X3X1000 CU/SN	0348900000	E.46	STB 21,6/H/VI WTL6/3	1071030000	E.55
SD 1,2x6,5x150	9009010000	E.36	SIHA 3/G20/LD 10-36V	7921570000	C.14	SSCH 10X3X1000 CU/SN	0348900000	E.47	STB 21,6/H/VI WTL6/3	1071030000	E.59
SD 1,2x6,5x150	9009010000	E.61	SIHA 3/G20/LD 10-36V	7921570000	B.15	SSCH 10X3X1000 CU/SN	0348900000	E.48	STB 30,5 IH/BL	0341200000	E.62
SD 1,2x6,5x150	9009010000	G.75	SIHA 3/G20/LD 10-36V	7921570000	B.17	SSCH 10X3X1000 CU/SN	0348900000	E.49	STB 30,5 IH/GE	0341500000	E.62
SD TH10	9009180000	G.75	SIHA 3/G20/LD 10-36V	7921570000	B.18	SSCH 10X3X1000 CU/SN	0348900000	E.50	STB 30,5 IH/GE	0341400000	E.62
SD TH15	9009170000	G.75	SIHA 3/G20/LD 10-36V	7921570000	C.18	SSCH 10X3X1000 CU/SN	0348900000	G.19	STB 30,5 IH/GR	0341100000	E.62
SD TH20	9009160000	G.75	SIHA 3/G20/LD 10-36V	7921570000	D.52	SSCH 10X3X1000 CU/SN	0348900000	G.4	STB 30,5 IH/RT	0341300000	E.62
SD TH25	9009150000	G.75	SIHA 3/G20/LD 10-36V	7921570000	E.31	SSCH 10X3X1000 CU/SN	0348900000	G.5	STB 30,5 IH/SW	0341000000	E.62
SD TH30	9009140000	G.75	SIHA 3/G20/LD 10-36V	7921570000	E.29	SSCH 10X3X1000 CU/SN	0348900000	G.6	STB 30,5 IH/VI	0341600000	E.62
SD TH8	9009190000	G.75	SIHA 3/G20/LD 10-36V	7921570000	E.32	SSCH 10X3X1000 CU/SN	0348900000	G.7	STB 35 IH/BL	0388770000	E.57
SDI 0,4x2,5x75	9008370000	B.21	SIHA 3/G20/LD 10-36V	7921570000	B.16	SSCH 10X3X1000 MS/BK	0259800000	G.19	STB 35 IH/BL	0388770000	E.58
SDI 0,4x2,5x75	9008370000	B.22	SIHA 3/G20/LD 10-36V	7921570000	B.33	SSCH 10X3X1000 ST/ZN	0438000000	G.19	STB 35 IH/BL	0388770000	E.62
SDI 0,4x2,5x75	9008370000	B.23	SIHA 3/G20/LD 10-36V	7921570000	C.19	SSCH 10X3X1000 ST/ZN	1746130000	G.4	STB 35 IH/GE	0389000000	E.57
SDI 0,4x2,5x75	9008370000	B.24	SIHA 3/G20/LD 10-36V	7921570000	C.46	SSCH 10X3X1000 ST/ZN	1746130000	G.5	STB 35 IH/GE	0389000000	E.58
SDI 0,4x2,5x75	9008370000	B.25	SIHA 3/G20/LD 10-36V	7921570000	D.140	SSCH 10X3X1000 ST/ZN	1746130000	G.7	STB 35 IH/GE	0389000000	E.62
SDI 0,4x2,5x75	9008370000	G.74	SIHA 3/G20/LD 10-36V	7921570000	D.53	SSCH 15X6X1000 CU/SN	0357400000	G.19	STB 35 IH/GE	0388900000	E.57
SDI 0,5x3,0x100	9008380000	G.74	SIHA 3/G20/LD 10-36V	7921570000	D.54	SSCH 6X6X1000 CU/SN	0571300000	G.19	STB 35 IH/GE	0388900000	E.58
SDI 0,6x3,5x100	9008390000	E.45	SIHA 3/G20/LD 10-36V	7921570000	D.80	SSCH 6X6X1000 MS/BK	0571200000	G.19	STB 35 IH/GR	0388900000	E.62
SDI 0,6x3,5x100	9008390000	E.44	SIHA 3/G20/LD 10-36V	7921570000	E.137	SSCH 7,3X1,2X1000	1071200000	E.81	STB 35 IH/GR	0388600000	E.62
SDI 0,6x3,5x100	9008390000	E.74	SIHA 3/G20/LD 10-36V	7921570000	E.33	SSP 3 SAKT1	0531760000	E.53	STB 35 IH/RT	0388800000	E.62
SDI 0,6x3,5x100	9008390000	F.3	SIHA 3/G20/LD 140-250V	7921600000	B.14	SSP 3 SAKT1	0531760000	E.57	STB 35 IH/SW	0388500000	E.53
SDI 0,6x3,5x100	9008390000	D.54	SIHA 3/G20/LD 140-250V	7921600000	B.15	SSP 3 SAKT1	0531760000	E.58	STB 35 IH/SW	0388500000	E.62
SDI 0,6x3,5x100	9008390000	D.55	SIHA 3/G20/LD 140-250V	7921600000	B.17	SSP 3 SAKT1	0531760000	E.59	STB 35 IH/VI	0389100000	E.57
SDI 0,6x3,5x100	9008390000	F.9	SIHA 3/G20/LD 140-250V	7921600000	B.18	SSP 3 SAKT1	0531760000	E.62	STB 35 IH/VI	0389100000	E.58
SDI 0,6x3,5x100	9008390000	G.74	SIHA 3/G20/LD 140-250V	7921600000	C.18	SSP 4 SAKT4	1319360000	E.56	STB 35 IH/VI	0389100000	E.62
SDI 0,8x4,0x100	9008400000	E.60	SIHA 3/G20/LD 140-250V	7921600000	D.52	SSP 4 SAKT4	1319360000	E.62	STB 8,5/5/2,3/M3 SAK2,5	0280600000	E.133
SDI 0,8x4,0x100	9008400000	F.4	SIHA 3/G20/LD 140-250V	7921600000	E.31	SSP WTL6/2	1604200000	E.55	STB 8,5/5/2,3/M3 SAK2,5	0280600000	E.56
SDI 0,8x4,0x100	9008400000	F.9	SIHA 3/G20/LD 140-250V	7921600000	E.29	SSP WTL6/2	1604200000	E.59	STB 8,5/D4/2,3/M2,5 AKZ	0215700000	E.133
SDI 0,8x4,0x100	9008400000	G.74	SIHA 3/G20/LD 140-250V	7921600000	E.32	SSP WTL6/2	1604200000	E.62	STB 8,5/D4/2,3/M2,5 AKZ	0215700000	E.96
SDI 0,4x2,0x60	9205690000	G.74	SIHA 3/G20/LD 140-250V	7921600000	B.16	SSP ZTL6	1771860000	D.110	STB 8,5/D4/2,3/M2,5 AKZ	0215700000	E.97
SDI 1,0x4,5x125	9008910000	G.74	SIHA 3/G20/LD 140-250V	7921600000	B.33	ST 4000/L C160	1809240000	E.111	STGH 4 ZRV1,5	1698190000	D.82
SDI 1,0x5,5x125	9008410000	F.5	SIHA 3/G20/LD 140-250V	7921600000	C.19	ST 4000/L CB M10/4	1809280000	E.111	STGH 4 ZRV1,5/PE GN	1698200000	D.82
SDI 1,0x5,5x125	9008410000	G.74	SIHA 3/G20/LD 140-250V	7921600000	C.46	ST 4000/L CB M12/4	1809290000	E.111	STGH O,2A ZRV2,5	1907010000	D.83
SDI 1,2x6,5x150	9008420000	F.6	SIHA 3/G20/LD 140-250V	7921600000	D.140	ST 4000/L CB M12/6	1809300000	E.111	STGH O,ZA/SW ZRV2,5	1898430000	D.83
SDI 1,2x6,5x150	9008420000	F.7	SIHA 3/G20/LD 140-250V	7921600000	D.53	ST 4000/L E180	1809220000	E.111	STGH SW ZRV2,5	1898420000	D.83
SDI 1,2x6,5x150	9008420000	F.5	SIHA 3/G20/LD 140-250V	7921600000	D.54	ST 4000/L J2 M10	1809370000	E.111	STGH ZP2C,5 DB	2321640000	D.72
SDI 1,6x8,0x175	9008430000	G.74	SIHA 3/G20/LD 140-250V	7921600000	D.80	ST 4000/L J2 M12	1809400000	E.111	STGH ZP2C,5 DB	2321640000	D.75
SDI 1,0x4,5x175	9205700000	G.74	SIHA 3/G20/LD 140-250V	7921600000	E.137	ST 4000/L J3 M10	1809380000	E.111	STGH ZRV2,5	1907000000	D.83
SDI 1,0x5,5x175	9205710000	G.74	SIHA 3/G20/LD 140-250V	7921600000	E.33	ST 4000/L J3 M12	1809410000	E.111	STI Waterproof schwarz	0	

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	
SWIFTY SET	9006060000	C.26	TW AKZ4	0348260000	E.97	WAP 16+35 WTW 2.5-10	1050100000	E.6	WAP WDK2.5/BLZ/O.ZA	1070000000	E.115	
SWIFTY SET	9006060000	C.27	TW AKZ4 BL	0348280000	E.97	WAP 16+35 WTW 2.5-10	1050100000	E.64	WAP WDK2.5/BLZ/O.ZA	1070000000	E.79	
SWIFTY SET	9006060000	C.31				WAP 16+35 WTW 2.5-10	1050100000	E.65	WAP WDL2.5	1067800000	E.115	
SWIFTY SET	9006060000	C.33				WAP 16+35 WTW 2.5-10	1050100000	E.66	WAP WDL2.5	1067800000	E.44	
SWIFTY SET	9006060000	C.34				WAP 16+35 WTW 2.5-10	1050100000	E.67	WAP WDL2.5	1067800000	E.45	
SWIFTY SET	9006060000	C.35	VH 12/4.9/3.3 SAK6N	0249000000	E.63	WAP 16+35 WTW 2.5-10	1050100000	E.68	WAP WDL2.5/S	1067700000	E.115	
SWIFTY SET	9006060000	C.6	VH 13.5/4.9/3.3 SAK4	0248500000	E.60	WAP 16+35 WTW 2.5-10	1050100000	E.76	WAP WDL2.5/S	1067700000	E.46	
SWIFTY SET	9006060000	C.7	VH 16/5/3.5 SAK10-35	0309700000	E.53	WAP 16+35 WTW 2.5-10	1050100000	E.8	WAP WDL2.5/S	1067700000	E.47	
SWIFTY SET	9006060000	C.8	VH 16/5/3.5 SAK10-35	0309700000	E.56	WAP 16+35 WTW 2.5-10	1050100000	E.80	WAP WDL2.5/S	RS-SET	1819210000	E.115
SWIFTY SET	9006060000	C.9	VH 16/5/3.5 SAK10-35	0309700000	E.57	WAP 16+35 WTW 2.5-10	1050100000	E.82	WAP WDU/WTR4/ZR	1905070000	E.115	
SWIFTY SET	9006060000	E.45	VH 19/6/4.2 SAKT1	0318000000	E.58	WAP 16+35 WTW 2.5-10	1050100000	E.9	WAP WDU/WTR4/ZR	1905070000	E.23	
SWIFTY SET	9006060000	E.47	VH 19/6/4.2 SAKT1	0318000000	E.63	WAP 16+35 WTW 2.5-10 BL	1050180000	E.10	WAP WDU/WTR4/ZR	1905070000	E.32	
SWIFTY SET	9006060000	E.49	VLI 1.5	1633250000	E.74	WAP 16+35 WTW 2.5-10 BL	1050180000	E.115	WAP WDU/WTR4/ZR	1905070000	E.33	
SWIFTY SET	9006060000	E.85	VWVG 4	1936490000	F.9	WAP 16+35 WTW 2.5-10 BL	1050180000	E.117	WAP WDU/WTR4/ZR	1905070000	E.7	
SWIFTY SET	9006060000	E.38	VWVG 4 GN/YE	1936480000	F.9	WAP 16+35 WTW 2.5-10 BL	1050180000	E.4	WAP WDU/WTR4/ZZ	1905150000	E.115	
SWIFTY SET	9006060000	E.46	VWVG 6	1965740000	F.9	WAP 16+35 WTW 2.5-10 BL	1050180000	E.5	WAP WDU/WTR4/ZZ	1905150000	E.22	
SWIFTY SET	9006060000	E.46	VWVG 6 GN/YE	1965730000	F.9	WAP 16+35 WTW 2.5-10 BL	1050180000	E.6	WAP WDU/WTR4/ZZ	1905150000	E.31	
SWIFTY SET	9006060000	E.48				WAP 16+35 WTW 2.5-10 BL	1050180000	E.76	WAP WDU/WTR4/ZZ	1905150000	E.32	
SWIFTY SET	9006060000	E.50				WAP 16+35 WTW 2.5-10 BL	1050180000	E.8	WAP WDU/WTR4/ZZ	1905150000	E.7	
SWIFTY SET	9006060000	E.83				WAP 16+35 WTW 2.5-10 BL	1050180000	E.9	WAP WDU1.5/BLZ	1577330000	E.115	
SWIFTY SET	9006060000	E.84	WAD 12 M. BL.	1055960000	E.10	WAP 16+35 WTW 2.5-10 GR	1879140000	E.115	WAP WDU1.5/BLZ	1577330000	E.78	
SWIFTY SET	9006060000	E.86	WAD 12 M. BL.	1055960000	E.136	WAP 16+35 WTW 2.5-10 GR	1879140000	E.117	WAP WDU1.5/BLZ	1577330000	E.79	
SWIFTY SET	9006060000	C.13	WAD 12 M. BL.	1055960000	E.9	WAP 16+35 WTW 2.5-10 OR	1050160000	E.115	WAP WDU1.5/BLZ/ZA	1577320000	E.115	
SWIFTY SET	9006060000	C.15	WAD 12 M. BL.	1055960000	G.50	WAP 16+35 WTW 2.5-10 OR	1050160000	E.117	WAP WDU1.5/BLZ/ZA	1577320000	E.78	
SWIFTY SET	9006060000	C.16	WAD 12 NEUTRAL	1056260000	E.10	WAP 2.5-10	1050000000	E.114	WAP WDU1.5/BLZ/ZA	1577320000	E.79	
SWIFTY SET	9006060000	C.21	WAD 12 NEUTRAL	1056260000	E.136	WAP 2.5-10	1050000000	E.19	WAP WDU1.5/R3.5	1754190000	E.115	
SWIFTY SET	9006060000	C.28	WAD 12 NEUTRAL	1056260000	E.9	WAP 2.5-10	1050000000	E.20	WAP WDU1.5/R3.5	1754190000	E.98	
SWIFTY SET	9006060000	D.42	WAD 12 NEUTRAL	1056260000	G.50	WAP 2.5-10	1050000000	E.29	WAP WDU1.5/R3.5	1754190000	E.99	
SWIFTY SET	9006060000	D.47	WAD 12N GE BED	1073200000	E.136	WAP 2.5-10	1050000000	E.31	WAP WDU2.5N/4N	1060000000	E.116	
SWIFTY SET	9006060000	E.82	WAD 12N GE BED	1073200000	E.9	WAP 2.5-10	1050000000	E.35	WAP WDU2.5N/4N	1060000000	E.20	
SWIFTY SET	9006060000	G.73	WAD 12N WS	1073290000	E.136	WAP 2.5-10	1050000000	E.39	WAP WDU2.5N/4N	1060000000	E.23	
			WAD 12N WS	1073290000	E.9	WAP 2.5-10	1050000000	E.4	WAP WDU2.5N/4N	1060000000	E.5	
			WAD 16N GE BED	1083600000	E.11	WAP 2.5-10	1050000000	E.40	WAP WDU2.5N/4N	1060000000	E.7	
			WAD 16N GE BED	1083600000	E.136	WAP 2.5-10	1050000000	E.48	WAP WDU2.5N/4N	RS-SET	1819180000	E.116
			WAD 16N WS	1083500000	E.11	WAP 2.5-10	1050000000	E.49	WAP WDU2.5N/4N BL	1060080000	E.116	
			WAD 16N WS	1083500000	E.136	WAP 2.5-10	1050000000	E.5	WAP WDU2.5N/4N BL	1060080000	E.5	
			WAD 20 GE WSD	9512260000	E.11	WAP 2.5-10	1050000000	E.6	WAP WDU2.5N/4N BL	1060080000	E.7	
			WAD 20 GE WSD	9512260000	E.12	WAP 2.5-10	1050000000	E.64	WAP WDU2.5N/4N GE	1060090000	E.116	
			WAD 20 WS	9512260000	E.136	WAP 2.5-10	1050000000	E.65	WAP WDU2.5N/4N OR	1060060000	E.116	
			WAD 20 WS	9512270000	E.11	WAP 2.5-10	1050000000	E.66	WAP WFF120	1073000000	E.116	
			WAD 20 WS	9512270000	E.12	WAP 2.5-10	1050000000	E.67	WAP WFF35	1069700000	E.116	
			WAD 20 WS	9512270000	E.136	WAP 2.5-10	1050000000	E.68	WAP WFF70	1069800000	E.116	
			WAD 27 M. BL.	1062860000	E.13	WAP 2.5-10	1050000000	E.76	WAP WSI42	1880450000	E.116	
			WAD 27 M. BL.	1062860000	E.136	WAP 2.5-10	1050000000	E.8	WAP WSL/2	1880450000	E.38	
			WAD 27 M. BL.	1062860000	G.50	WAP 2.5-10	1050000000	E.80	WAP WTL 6 SL	9538110000	E.116	
			WAD 27 NEUTRAL	1062960000	E.13	WAP 2.5-10	1050000000	E.82	WAP WTL4/2	1881640000	E.116	
			WAD 27 NEUTRAL	1062960000	E.136	WAP 2.5-10 BL	1050080000	E.114	WAP WTL4/2	1881640000	E.56	
			WAD 27 NEUTRAL	1062960000	G.50	WAP 2.5-10 BL	1050080000	E.4	WAP WTL6/1	1068300000	E.115	
			WAD 4 GE BED	1072000000	E.136	WAP 2.5-10 BL	1050080000	E.48	WAP WTL6/1	1068300000	E.53	
			WAD 4 GE BED	1072000000	E.14	WAP 2.5-10 BL	1050080000	E.49	WAP WTL6/1	1068300000	E.57	
			WAD 4 GE BED	1072000000	E.15	WAP 2.5-10 BL	1050080000	E.5	WAP WTL6/1	1068300000	E.58	
			WAD 4 GE BED	1072000000	E.4	WAP 2.5-10 BL	1050080000	E.6	WAP WTL6/1L	1957710000	E.57	
			WAD 4 GE BED	1072000000	E.5	WAP 2.5-10 BL	1050080000	E.76	WAP WTL6/3	1879910000	E.116	
			WAD 4 GE BED	1072000000	E.6	WAP 2.5-10 BL	1050080000	E.8	WAP WTL6/4FF	1887240000	E.60	
			WAD 4 GE BED	1072000000	E.7	WAP 2.5-10 BR	1050070000	E.114	WAP WTL6/4FF	1887240000	E.116	
			WAD 4 GE BED	1072000000	E.76	WAP 2.5-10 GE	1050020000	E.114	WAP WTR2.5/ZZ	1074600000	E.115	
			WAD 4 WS	1072100000	E.77	WAP 2.5-10 GE	2068740000	E.114	WAP WTR2.5/ZZ	1074600000	E.30	
			WAD 4 WS	1072100000	E.136	WAP 2.5-10 GN	1072200000	E.114	WAP WTR2.5/ZZ BL	1074680000	E.115	
			WAD 4 WS	1072100000	E.14	WAP 2.5-10 GR	1050050000	E.114	WAW 1 NEUTRAL	9004500000	G.61	
			WAD 4 WS	1072100000	E.15	WAP 2.5-10 GR 7042	1879290000	E.114	WAW 2	9004510000	E.132	
			WAD 4 WS	1072100000	E.4	WAP 2.5-10 OR	1050060000	E.114	WAW 2	9004510000	G.61	
			WAD 4 WS	1072100000	E.5	WAP 2.5-10 RT	1050040000	E.114	WBB WDK2.5/BL5.08	1072660000	E.79	
			WAD 4 WS	1072100000	E.6	WAP 2.5-10 SW	1050010000	E.114	WBB WDK2.5/BLZ7.62	1072860000	E.79	
			WAD 4 WS	1072100000	E.7	WAP 2.5-10 SW	1050010000	E.64	WBB WDU1.5/BL...	1068160000	E.78	
			WAD 4 WS	1072100000	E.76	WAP 2.5-10 SW	1050010000	E.65	WBB WDU2.5/BLZ7.62	1073500000	E.79	
			WAD 4 WS	1072100000	E.77	WAP 2.5-10 SW	1050010000	E.66	WBB ZA WDK2.5/BL5.08	1072760000	E.79	
			WAD 5 M. BL.	1053460000	E.136	WAP 2.5-10 SW	1050010000	E.67	WBB ZA WDK2.5/BLZ7.62	1072960000	E.79	
			WAD 5 M. BL.	1053460000	E.4	WAP 2.5-10 SW	1050010000	E.68	WBB ZA WDU1.5/BL 10/10	1068260000	E.78	
			WAD 5 M. BL.	1053460000	E.5	WAP 2.5-10 VI	1072210000	E.114	WBB ZA WDU2.5/BLZ7.62	1073600000	E.79	
			WAD 5 M. BL.	1053460000	E.6	WAP 2.5-10 WS	1050090000	E.114	WD 1 25 K KARTE A 6 ST	1563900000	E.108	
			WAD 5 M. BL.	1053460000	G.50	WAP WDK1.5/R3.5	1754200000	E.115	WD 1 25 K KARTE A 6 ST	1563900000	E.109	
			WAD 5 NEUTRAL	1056060000	E.136	WAP WDK1.5/R3.5	1754200000	E.98	WDK 1.5/R3.5	1753290000	E.98	
			WAD 5 NEUTRAL	1056060000	E.4	WAP WDK2.5	1059100000	E.115	WDK 1.5/R3.5 BL	1754180000	E.98	
			WAD 5 NEUTRAL	1056060000	E.5	WAP WDK2.5	1059100000	E.14	WDK 2.5	1021500000	E.14	
			WAD 5 NEUTRAL	1056060000	E.6	WAP WDK2.5	1059100000	E.15	WDK 2.5 1D	8025610000	E.83	
			WAD 5 NEUTRAL	1056060000	G.50	WAP WDK2.5	1059100000	E.21	WDK 2.5 1D A.1	1023400000	E.83	
			WAD 5 Sonderdruck	1790060000	G.50	WAP WDK2.5	1059100000	E.77	WDK 2.5 1D A.2	1023300000	E.84	
			WAD 8 M. BL.	1053560000	E.136	WAP WDK2.5	1059100000	E.83	WDK 2.5 2D	1022600000	E.85	
			WAD 8 M. BL.	1053560000	E.8	WAP WDK2.5	1059100000	E.84	WDK 2.5 2D	1023500000	E.85	
			WAD 8 M. BL.	1053560000	G.50	WAP WDK2.5	1059100000	E.85	WDK 2.5 2D	8014670000	E.84	
			WAD 8 NEUTRAL	1056160000	E.136	WAP WDK2.5	1059100000	E.86	WDK 2.5 BLZ7.62/ZA	1021580000	E.14	
			WAD 8 NEUTRAL	1056160000								

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
WDK 2.5N V	1041610000	E.16	WEW 32/1	1067600000	G.29	WFF 6/2BZ	1789770000	E.106	WK SI 1,0x5,5	9918450000	G.79
WDK 2.5PE	1036300000	E.21	WEW 35/1	1059000000	E.10	WF 8	1780860000	E.105	WKB 1/10	1604330000	E.63
WDK 2.5V	1022300000	E.15	WEW 35/1	1059000000	E.108	WF 8/2BZ	1789780000	E.106	WKB 1/2	1604280000	E.57
WDK 2.5V BL	1022380000	E.15	WEW 35/1	1059000000	E.109	WFF 120	1028500000	E.109	WKS 1/2	1604280000	E.63
WDK 4N	1041900000	E.17	WEW 35/1	1059000000	E.11	WFF 120 BL	1028580000	E.109	WKS 1/3	1604300000	E.57
WDK 4N BL	1041980000	E.17	WEW 35/1	1059000000	E.12	WFF 120/AH	1029500000	E.109	WKS 1/3	1604300000	E.63
WDK 4N DU-PE	1041950000	E.18	WEW 35/1	1059000000	E.13	WFF 185	1028600000	E.109	WKB 1/4	1604320000	E.57
WDK 4N PE	1041920000	E.23	WEW 35/1	1059000000	E.25	WFF 185 BL	1028680000	E.109	WKB 1/4	1604320000	E.63
WDK 4N V	1041910000	E.17	WEW 35/1	1059000000	E.26	WFF 185/AH	1029600000	E.109	WKS 1/2	1604270000	E.55
WDL 2.5/L	1030400000	E.45	WEW 35/1	1059000000	E.27	WFF 300	1028700000	E.109	WKS 1/2	1604270000	E.59
WDL 2.5/L/L	1030300000	E.44	WEW 35/1	1059000000	E.28	WFF 300 BL	1028780000	E.109	WKS 1/2	1604270000	E.63
WDL 2.5/L/L/PE	1030200000	E.45	WEW 35/1	1059000000	E.36	WFF 300/AH	1029700000	E.109	WKS 1/3	1604290000	E.59
WDL 2.5/N/L/PE	1029900000	E.45	WEW 35/1	1059000000	E.74	WFF 35	1028300000	E.108	WKS 1/3	1604290000	E.63
WDL 2.5/NT/L/PE	1029800000	E.44	WEW 35/1	1059000000	E.9	WFF 35 BL	1028380000	E.108	WKS 1/4	1604310000	E.59
WDL 2.5/S/L	1031300000	E.47	WEW 35/1	1059000000	G.21	WFF 35/AH	1029300000	E.108	WKS 1/4	1604310000	E.63
WDL 2.5/S/L/L	1031200000	E.46	WEW 35/2	1061200000	C.10	WFF 70	1028400000	E.108	WKS 2/2	1936140000	E.53
WDL 2.5/S/L/L/PE	1031100000	E.47	WEW 35/2	1061200000	C.11	WFF 70 BL	1028480000	E.108	WKS 2/2	1936140000	E.63
WDL 2.5/S/NL/PE	1030700000	E.47	WEW 35/2	1061200000	C.12	WFF 70/AH	1029400000	E.108	WKS 2/3	1936150000	E.63
WDL 2.5/S/NT/L/PE	1030600000	E.46	WEW 35/2	1061200000	C.14	WGB 5 ABDG.M.GRUPPENBEZ	1050760000	G.50	WNT 10 10X3	1010980000	E.49
WDS 2	1069900000	E.140	WEW 35/2	1061200000	C.16	WGB 8 ABDG.M.GRUPPENBEZ	1050960000	G.50	WNT 10 10X3 BE	1010900000	E.49
WDT 1.5/1 DB/GE	1015800000	E.33	WEW 35/2	1061200000	C.18	WGK 10	1936510000	F.4	WNT 16N 10X3	1019000000	E.49
WDT 1.5/2 DB/GE	1015900000	E.33	WEW 35/2	1061200000	C.22	WGK 10 GN/YE	1936500000	F.4	WNT 2.5 10X3	1010680000	E.48
WDT 1.5/3 BL/HB	1016160000	E.34	WEW 35/2	1061200000	C.23	WGK 10Z	1936530000	F.4	WNT 2.5 10X3 BE	1010600000	E.48
WDT 1.5/3 DB/GE	1016000000	E.34	WEW 35/2	1061200000	C.24	WGK 10Z/gn/ye	1936520000	F.4	WNT 35N 10X3	1718550000	E.50
WDTR 2.5	9528070000	E.30	WEW 35/2	1061200000	C.25	WGK 16	1936810000	F.5	WNT 4 10X3	1010780000	E.48
WDTR 2.5 BL	9528080000	E.30	WEW 35/2	1061200000	C.26	WGK 16 gn/ye	1936760000	F.5	WNT 4 10X3 BE	1010700000	E.48
WDTR 2.5WE	9528090000	E.34	WEW 35/2	1061200000	C.27	WGK 16 VP	1936780000	F.5	WNT 6 10X3	1010880000	E.49
WDU 1.5/BLZ 5.08	1577340000	E.78	WEW 35/2	1061200000	C.33	WGK 16 VP GN/YE	1936770000	F.5	WNT 6 10X3 BE	1010800000	E.49
WDU 1.5/R3.5	1753280000	E.98	WEW 35/2	1061200000	C.34	WGK 16 VP/Z	1936800000	F.5	WNT 70N/35	9512210000	E.50
WDU 1.5/R3.5 BL	1754170000	E.98	WEW 35/2	1061200000	C.35	WGK 16 VP/Z GN/YE	1936790000	F.5	WPDB 120/35-16-10 1/2-5-4	1939470000	E.90
WDU 1.5/ZQV/BLZ 5.08	1784460000	E.78	WEW 35/2	1061200000	C.6	WGK 16Z	1936830000	F.5	WPDB 16/6 3/4	1939440000	E.88
WDU 1.5/ZZ	1031400000	E.4	WEW 35/2	1061200000	C.7	WGK 16/Z gn/ye	1936820000	F.5	WPDB 185/35-16-10 1/2-5-4	1939480000	E.90
WDU 1.5/ZZ BL	1031480000	E.4	WEW 35/2	1061200000	C.8	WGK 25	1936850000	F.5	WPDB 35/16/6N 1/2/5/11	1939510000	E.92
WDU 10	1020300000	E.8	WEW 35/2	1061200000	C.9	WGK 25 GN/YE	1936840000	F.5	WPDB 35-16/16 1-1/6	1939450000	E.88
WDU 10 BL	1020380000	E.8	WEW 35/2	1061200000	C.13	WGK 25 VP	1936870000	F.6	WPDB 3x70/16 1/6	1939490000	E.91
WDU 10 SL	9537480000	E.65	WEW 35/2	1061200000	C.15	WGK 25 VP GN/YE	1936860000	F.6	WPDB 70/16 1/10	1939460000	E.89
WDU 10 SL/EN	9537490000	E.67	WEW 35/2	1061200000	C.19	WGK 25 VP/Z	1936890000	F.6	WPDB 70/16 1/6	1939500000	E.92
WDU 10 SL/EN SW	9537410000	E.67	WEW 35/2	1061200000	C.28	WGK 25 VP/Z GN/YE	1936880000	F.6	WPE 1.5/R3.5	1798460000	E.99
WDU 10ZR	1042400000	E.9	WEW 35/2	1061200000	E.104	WGK 25Z	1936910000	F.5	WPE 1.5/ZZ	1016500000	E.19
WDU 10ZR BL	1042480000	E.9	WEW 35/2	1061200000	E.105	WGK 25Z GN/YE	1936900000	F.5	WPE 10	1010300000	E.24
WDU 120/150	1024500000	E.13	WEW 35/2	1061200000	E.106	WGK 4	1936550000	F.3	WPE 10Z/35	1042500000	E.25
WDU 120/150 BL	1024580000	E.13	WEW 35/2	1061200000	E.107	WGK 4 GN/YE	1936540000	F.3	WPE 120/150	1019700000	E.28
WDU 16ZA	1028900000	E.9	WEW 35/2	1061200000	E.11	WGK 4Z	1936570000	F.3	WPE 16	1010400000	E.25
WDU 16ZA BL	1028980000	E.9	WEW 35/2	1061200000	E.14	WGK 4Z gn/ye	1936560000	F.3	WPE 16N	1019100000	E.25
WDU 16N	1036100000	E.9	WEW 35/2	1061200000	E.15	WGK 50	1937090000	F.7	WPE 2.5	1010000000	E.20
WDU 16N BL	1036180000	E.9	WEW 35/2	1061200000	E.16	WGK 50 GN/YE	1937040000	F.7	WPE 2.5/1.5/ZR	1016400000	E.19
WDU 2.5	1020000000	E.5	WEW 35/2	1061200000	E.17	WGK 50 VP	1937060000	F.7	WPE 2.5N	1016200000	E.20
WDU 2.5 BL	1020080000	E.5	WEW 35/2	1061200000	E.18	WGK 50 VP GN/YE	1937050000	F.7	WPE 35	1010500000	E.26
WDU 2.5 F 2X2.8	1021800000	E.76	WEW 35/2	1061200000	E.19	WGK 50 VP/Z	1937080000	F.7	WPE 35N	1717740000	E.26
WDU 2.5 FF 2X2.8	1021900000	E.76	WEW 35/2	1061200000	E.20	WGK 50 VP/Z GN/YE	1937070000	F.7	WPE 4	1010100000	E.22
WDU 2.5/1.5/ZR	1024700000	E.4	WEW 35/2	1061200000	E.21	WGK 50Z	1937110000	F.7	WPE 4ZR	1905120000	E.23
WDU 2.5/1.5/ZR BL	1024780000	E.4	WEW 35/2	1061200000	E.22	WGK 50Z GN/YE	1937100000	F.7	WPE 4/ZZ	1905130000	E.22
WDU 2.5/BLZ 7.62	1038900000	E.79	WEW 35/2	1061200000	E.23	WGK 95	1937380000	F.8	WPE 4N	1042700000	E.23
WDU 2.5/TC TYP B	1033700000	E.80	WEW 35/2	1061200000	E.24	WGK 95 F VP	1937130000	F.8	WPE 50N	1846040000	E.27
WDU 2.5/TC TYP E	1033300000	E.80	WEW 35/2	1061200000	E.25	WGK 95 F VP GN/YE	1937120000	F.8	WPE 6	1010200000	E.24
WDU 2.5/TC TYP J	1024300000	E.80	WEW 35/2	1061200000	E.26	WGK 95 F VP/Z	1937140000	F.8	WPE 70/95	1037300000	E.28
WDU 2.5/TC TYP K	1024100000	E.80	WEW 35/2	1061200000	E.29	WGK 95 F VP/Z GN/YE	1937360000	F.8	WPE 70N/35	9512200000	E.27
WDU 2.5/TC TYP N	1041500000	E.80	WEW 35/2	1061200000	E.30	WGK 95 GN/YE	1937370000	F.8	WPE 95N/120N	1846030000	E.27
WDU 2.5/TC TYP SR	1024400000	E.80	WEW 35/2	1061200000	E.31	WGK 95Z	1937400000	F.8	WPO 4	1036000000	E.81
WDU 2.5/TC TYP T	1024200000	E.80	WEW 35/2	1061200000	E.32	WGK 95Z GN/YE	1937390000	F.8	WQB 240/2	1802790000	E.12
WDU 2.5N	1023700000	E.5	WEW 35/2	1061200000	E.33	WGKV 10	1934060000	F.4	WQB 240/3	1802800000	E.12
WDU 2.5N BL	1023780000	E.5	WEW 35/2	1061200000	E.34	WGKV 10 gn/ye	1936580000	F.4	WQB A/10	1578990000	E.132
WDU 2.5N ZQV	1040800000	E.5	WEW 35/2	1061200000	E.4	WGKV 10Z	1936600000	F.4	WQB A/2	1578950000	E.132
WDU 2.5N ZQV BL	1040880000	E.5	WEW 35/2	1061200000	E.44	WGKV 10Z/gn/ye	1936590000	F.4	WQB A/24	1579000000	E.132
WDU 2.5N/600UL	1730940000	E.6	WEW 35/2	1061200000	E.45	WGKV 25	1934070000	F.6	WQB A/3	1578960000	E.132
WDU 240	1802780000	E.12	WEW 35/2	1061200000	E.46	WGKV 25 gn/ye	1936720000	F.6	WQB A/4	1578970000	E.132
WDU 240 BL	1822210000	E.12	WEW 35/2	1061200000	E.47	WGKV 25/Z	1936750000	F.6	WQB B/10	1579050000	E.132
WDU 35/K/Z	1029000000	E.10	WEW 35/2	1061200000	E.48	WGKV 25/Z gn/ye	1936740000	F.6	WQB B/2	1579010000	E.132
WDU 35/ZA	1028800000	E.10	WEW 35/2	1061200000	E.49	WGKV 4	1934050000	F.3	WQB B/24	1579060000	E.132
WDU 35/ZA BL	1028880000	E.10	WEW 35/2	1061200000	E.5	WGKV 4 gn/ye	1936610000	F.3	WQB B/3	1579020000	E.132
WDU 35N	1040400000	E.11	WEW 35/2	1061200000	E.50	WGKV 4Z	1936630000	F.3	WQB B/4	1579030000	E.132
WDU 35N BL	1040480000	E.11	WEW 35/2	1061200000	E.53	WGKV 4Z GN/YE	1936620000	F.3	WQB PEN 16N	1079600000	E.141
WDU 4	1020100000	E.6	WEW 35/2	1061200000	E.55	WHP 2.5-35N/10x3 BL	1050280000	E.48	WQB PEN 35N	1079500000	E.141
WDU 4 BL	1020180000	E.6	WEW 35/2	1061200000	E.6	WHP 2.5-35N/10x3 BL	1050280000	E.49	WQB PEN 70N	1079700000	E.141
WDU 4 SL	9537440000	E.64	WEW 35/2	1061200000	E.60	WHP 2.5-35N/10x3 BL	1050280000	E.50	WQB-PEN 10	1060300000	E.141
WDU 4 SL/EN	9537450000	E.66	WEW 35/2	1061200000	E.64	WHP WDL2.5/S BL	1067980000	E.44	WQB-PEN 10	1060300000	E.24
WDU 4 SL/EN SW	9537510000	E.66	WEW 35/2	1061200000	E.65	WHP WDL2.5/S BL	1067980000	E.45	WQB-PEN 10	1060300000	E.25
WDU 4ZR	1905140000	E.7	WEW 35/2	1061200000	E.66	WHP WDL2.5/S BL	1067980000	E.46	WQB-PEN 16	1060200000	E.141
WDU 4ZZ	1905060000	E.7	WEW 35/2	1061200000	E.67	WHP WDL2.5/S BL	1067980000	E.47	WQB-PEN 16	1060200000	E.25
WDU 4N	1042600000	E.7	WEW 35/2	1061200000	E.68	WK IK PH0	9918460000	G.79	WQB-PEN 35	1060100000	E.141
WDU 4N BL	1042680000	E.7	WEW 35/2	1061200000	E.69	WK IK PH1	9918470000	G.79	WQB-PEN 35	1060100000	E.26
WDU 50N	1820840000	E.11	WEW 35/2	1061200000	E.7	WK IK PH2	9918480000	G.79	WQL 2 WF10	1781010000	E.105
WDU 50N BL	1820850000	E.11	WEW 35/2	1061200000	E.76	WK IK P20	9918490000	G.79	WQL		



Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
WQL 3 WF6	1780980000	E.104	WQV 2.5/3	1053760000	E.86	WQV 6/7	1062680000	E.63	WS 8/6 PLUS MC NEUTRAL	1951880000	G.46
WQL 3 WF6	1780980000	E.106	WQV 2.5/3/2	1577600000	E.128	WQV 70/95/2	1063500000	E.129	WSH 1	1068700000	G.6
WQL 3 WF6-10/2	1806640000	E.131	WQV 2.5/4	1053860000	E.128	WQV 70/95/2	1063500000	E.13	WSH 18 MT	1083100000	G.7
WQL 3 WF8	1781000000	E.105	WQV 2.5/4	1053860000	E.14	WQV 70/95/3	1063600000	E.129	WSH 19 MT	1083200000	G.7
WQL 3 WF8	1781000000	E.106	WQV 2.5/4	1053860000	E.15	WQV 70/95/3	1063600000	E.13	WSH 20 MT	1752950000	G.7
WQL 3 WFF120	1065600000	E.109	WQV 2.5/4	1053860000	E.4	WQV 70/95-PEN	1072300000	E.141	WSH 3/H/N	1715970000	G.6
WQL 3 WFF185	1065700000	E.109	WQV 2.5/4	1053860000	E.5	WQV 70/95-PEN	1072300000	E.28	WSH 4 MT	1079900000	G.9
WQL 3 WFF300	1065800000	E.109	WQV 2.5/4	1053860000	E.6	WQV 70N/2	9512240000	E.11	WSH 5	1080100000	G.6
WQL 3 WFF35	1065400000	E.108	WQV 2.5/4	1053860000	E.76	WQV 70N/2	9512240000	E.128	WSH 6	1080200000	G.6
WQL 3 WFF70	1065500000	E.108	WQV 2.5/4	1053860000	E.77	WQV 70N/3	9512250000	E.11	WSI 25/1 CC	1966050000	E.41
WQL 4 WFF8-6/3	1904960000	E.131	WQV 2.5/4	1053860000	E.78	WQV 70N/3	9512250000	E.128	WSI 25/1 CC/LED	1966070000	E.41
WQS 2/16/5	1925070000	E.61	WQV 2.5/4	1053860000	E.83	WQV 70N/4	9531290000	E.11	WSI 25/1 10x38	1966020000	E.41
WQV 10/10	1052460000	E.129	WQV 2.5/4	1053860000	E.84	WQV 70N/4	9531290000	E.128	WSI 25/1 10x38/LED	1966060000	E.41
WQV 10/10	1052460000	E.65	WQV 2.5/4	1053860000	E.85	WQV 70N-PEN	9525840000	E.27	WSI 25/2 CC	1966040000	E.41
WQV 10/10	1052460000	E.67	WQV 2.5/4	1053860000	E.86	WQV 95N/120N-2	1826990000	E.12	WSI 25/2 10x38	1966090000	E.41
WQV 10/10	1052460000	E.8	WQV 2.5/5	1053960000	E.128	WQV 95N/120N-2	1826990000	E.129	WSI 25/3 CC	1966030000	E.41
WQV 10/10	1052460000	E.9	WQV 2.5/6	1054060000	E.128	WQV 95N/120N-3	1826990000	E.12	WSI 25/3 10x38	1966080000	E.41
WQV 10/2	1052560000	E.129	WQV 2.5/7	1054160000	E.128	WQV 95N/120N-3	1826990000	E.129	WSI 4	1886580000	E.38
WQV 10/2	1052560000	E.65	WQV 2.5/8	1054260000	E.128	WQV 95N/120N-4	1826910000	E.12	WSI 4/2	1880430000	E.38
WQV 10/2	1052560000	E.67	WQV 2.5/9	1054360000	E.128	WQV 95N/120N-4	1826910000	E.129	WSI 4/2/LD 10-36V AC/DC	1880410000	E.38
WQV 10/2	1052560000	E.8	WQV 35/10	1053160000	E.10	WQV PEN 50N	9201610000	E.141	WSI 4/2/LD 140-250V AC/DC	1880390000	E.38
WQV 10/2	1052560000	E.9	WQV 35/10	1053160000	E.129	WQV PEN 70N	9201620000	E.141	WSI 4/2/LD 30-70V AC/DC	1880440000	E.38
WQV 10/3	1054960000	E.129	WQV 35/2	1053060000	E.10	WS 10/12 MC NEUTRAL	1905970000	G.47	WSI 4/2/LD 60-150V AC/DC	1880420000	E.38
WQV 10/3	1054960000	E.65	WQV 35/2	1053060000	E.129	WS 10/12 MC SONDERDRUCK	1906060000	G.47	WSI 4/LD 10-36V AC/DC	1886590000	E.38
WQV 10/3	1054960000	E.67	WQV 35/2	1053060000	E.61	WS 10/15 MC Neutr.	1854090000	G.47	WSI 4/LD 140-250V AC/DC	1886550000	E.38
WQV 10/3	1054960000	E.8	WQV 35/3	1055360000	E.10	WS 10/15 MC Sonderdruck	1854100000	G.47	WSI 4/LD 30-70V AC/DC	1886560000	E.38
WQV 10/3	1054960000	E.9	WQV 35/3	1055360000	E.129	WS 10/15 MC BEDRUCKT	1635010000	G.46	WSI 4/LD 60-150V AC/DC	1886570000	E.38
WQV 10/4	1055060000	E.129	WQV 35/4	1055460000	E.10	WS 10/15 MC Midd. Neutr.	1792000000	G.46	WSI 6	1011000000	E.39
WQV 10/4	1055060000	E.65	WQV 35/4	1055460000	E.129	WS 10/15 MC Midd. Neutr.	1792000000	G.48	WSI 6/2 GF/DE/63	1014000000	E.40
WQV 10/4	1055060000	E.67	WQV 35-10	1068000000	E.121	WS 10/15 MC Midd. Neutr.	1792000000	G.49	WSI 6/2/LD 10-36V DC/AC	1014100000	E.40
WQV 10/4	1055060000	E.8	WQV 35-2.5	1064100000	E.121	WS 10/15 MC Midd. Sonder	1792010000	G.46	WSI 6/2/LD 250AC	1014400000	E.40
WQV 10/4	1055060000	E.9	WQV 35-4/6	1064200000	E.121	WS 10/15 MC NEUTRAL	1635000000	G.46	WSI 6/2/LD 30-70V DC/AC	1014200000	E.40
WQV 120/2	1063300000	E.129	WQV 35-4/6	1064200000	E.129	WS 10/15 MC NEUTRAL	1635000000	G.48	WSI 6/2/LD 60-150VDC/AC	1014300000	E.40
WQV 120/2	1063300000	E.13	WQV 35N/2	1079200000	E.11	WS 10/15 MC neutral BL	1773531693	G.46	WSI 6/LD 10-36V DC/AC	1011300000	E.39
WQV 120/3	1063400000	E.129	WQV 35N/2	1079200000	E.128	WS 10/15 MC neutral GE	1773531687	G.46	WSI 6/LD 250AC	1012400000	E.39
WQV 120/3	1063400000	E.13	WQV 35N/3	1079300000	E.11	WS 10/15 MC neutral RT	1773531686	G.46	WSI 6/LD 30-70V DC/AC	1012200000	E.39
WQV 120-PEN	1072400000	E.141	WQV 35N/3	1079300000	E.128	WS 10/15 Sonderdr. Laser	1773370000	G.41	WSI 6/LD 60-150V DC/AC	1012300000	E.39
WQV 120-PEN	1072400000	E.28	WQV 35N/4	1079400000	E.11	WS 10/16 MC Midd. Neutr.	1818400000	G.46	WTA 1 WDU1.5	1632290000	E.134
WQV 16/10	1053360000	E.129	WQV 35N/4	1079400000	E.128	WS 10/16 MC Midd. Sonder	1818410000	G.47	WTA 1 WDU1.5	1632290000	E.5
WQV 16/10	1053360000	E.9	WQV 4/10	1052060000	E.128	WS 10/16 MC MIDDLE GE	1917430000	G.46	WTA 1 WDU1.5	1632290000	E.6
WQV 16/2	1053260000	E.129	WQV 4/10	1052060000	E.56	WS 10/16 MC MIDDLE GN	1917420000	G.46	WTA 1 WDU1.5	1632290000	E.7
WQV 16/2	1053260000	E.9	WQV 4/10	1052060000	E.6	WS 10/16 MC MIDDLE OR	1917410000	G.46	WTA 1/ZA WDU1.5	1632300000	E.134
WQV 16/3	1055160000	E.129	WQV 4/10	1052060000	E.64	WS 10/16 MC MIDDLE RT	1917440000	G.46	WTA 1/ZA WDU1.5	1632300000	E.5
WQV 16/3	1055160000	E.9	WQV 4/10	1052060000	E.66	WS 10/16 MC NEUTRAL	1828450000	G.46	WTA 1/ZA WDU1.5	1632300000	E.6
WQV 16/4	1055260000	E.129	WQV 4/15	1057460000	E.128	WS 10/16 MC Sonderdruck	1828460000	G.47	WTA 1/ZA WDU1.5	1632300000	E.7
WQV 16/4	1055260000	E.9	WQV 4/2	1051960000	E.128	WS 10/8 MC NEUTRAL	1905950000	G.47	WTA 2 WDU2.5-10	1632320000	E.134
WQV 16-2.5	1063900000	E.121	WQV 4/2	1051960000	E.56	WS 10/8 MC SONDERDRUCK	1906030000	G.47	WTA 2 WDU2.5-10	1632320000	E.4
WQV 16-4/6	1064000000	E.121	WQV 4/2	1051960000	E.6	WS 12/3.5 MC neutral	1778270000	G.46	WTA 2 WDU2.5-10	1632320000	E.5
WQV 16-4/6	1064000000	E.129	WQV 4/2	1051960000	E.64	WS 12/3.5 MC Sonderdr.	1778280000	G.46	WTA 2 WDU2.5-10	1632320000	E.9
WQV 16N/2	1636560000	E.129	WQV 4/2	1051960000	E.66	WS 12/5 FSZ 1-10	1773430001	G.41	WTA 2/10 WDU2.5/10	1632340000	E.134
WQV 16N/2	1636560000	E.9	WQV 4/3	1054560000	E.128	WS 12/5 FSZ 11-20	1773430011	G.41	WTA 2/ZA WDU2.5-10	1632330000	E.134
WQV 16N/3	1636570000	E.129	WQV 4/3	1054560000	E.56	WS 12/5 FSZ 21-30	1773430021	G.41	WTA 2/ZA WDU2.5-10	1632330000	E.4
WQV 16N/3	1636570000	E.9	WQV 4/3	1054560000	E.6	WS 12/5 FSZ 31-40	1773430031	G.41	WTA 2/ZA WDU2.5-10	1632330000	E.134
WQV 16N/4	1636580000	E.129	WQV 4/3	1054560000	E.64	WS 12/5 FSZ 41-50	1773430041	G.41	WTA 3 WDU4	1632350000	E.5
WQV 16N/4	1636580000	E.9	WQV 4/3	1054560000	E.66	WS 12/5 FWZ 1-10	1773330001	G.41	WTA 3 WDU4	1632350000	E.6
WQV 16N-2.5	1073100000	E.122	WQV 4/4	1054660000	E.128	WS 12/5 FWZ 11-20	1773330011	G.41	WTA 3 WDU4	1632350000	E.64
WQV 16N-4/6	1072500000	E.122	WQV 4/4	1054660000	E.56	WS 12/5 FWZ 21-30	1773330021	G.41	WTA 3 WDU4	1632350000	E.66
WQV 16N-PEN BL	1071360000	E.141	WQV 4/4	1054660000	E.6	WS 12/5 FWZ 31-40	1773330031	G.41	WTA 3/10 WDU4/10	1632370000	E.134
WQV 16N-PEN BL	1071360000	E.26	WQV 4/4	1054660000	E.64	WS 12/5 FWZ 41-50	1773330041	G.41	WTA 3/ZA WDU4	1632360000	E.134
WQV 16N-PEN GN	1071350000	E.25	WQV 4/4	1054660000	E.66	WS 12/5 MC BEDRUCKT	1609870000	G.46	WTA 3N WDU4	1632360000	E.6
WQV 2.5/10	1054460000	E.128	WQV 4/5	1057860000	E.128	WS 12/5 MC NEUTRAL	1609860000	G.46	WTA 4N WDK 2.5	1878660000	E.135
WQV 2.5/10	1054460000	E.14	WQV 4/6	1057160000	E.128	WS 12/5 MC NEUTRAL	1609860000	G.50	WTA 4N/ZA WDK 2.5	1879350000	E.135
WQV 2.5/10	1054460000	E.15	WQV 4/7	1057260000	E.128	WS 12/5 MC NEUTRAL	1609860000	G.51	WTA 5/1	1051260000	E.135
WQV 2.5/10	1054460000	E.4	WQV 4/8	1057960000	E.128	WS 12/5 MC neutral BL	1773541693	G.46	WTA 5/1	1051260000	E.64
WQV 2.5/10	1054460000	E.5	WQV 4/9	1058060000	E.128	WS 12/5 MC neutral GE	1773541687	G.46	WTA 5/1	1051260000	E.65
WQV 2.5/10	1054460000	E.6	WQV 50N/2	1834060000	E.11	WS 12/5 MC neutral OR	1773541690	G.46	WTA 5/1	1051260000	E.66
WQV 2.5/10	1054460000	E.76	WQV 50N/2	1834060000	E.128	WS 12/5 MC neutral RT	1773541686	G.46	WTA 5/1	1051260000	E.67
WQV 2.5/10	1054460000	E.77	WQV 50N/3	1834070000	E.11	WS 12/5 PLUS MC NEUTRAL	1927510000	G.46	WTA 5/1	1051260000	E.8
WQV 2.5/10	1054460000	E.78	WQV 50N/3	1834070000	E.128	WS 12/5 PLUS SONDERDRUCK	1927520000	G.46	WTA 5/1	1051260000	E.9
WQV 2.5/10	1054460000	E.83	WQV 50N/4	1834080000	E.11	WS 12/5 Sonderdr. Laser	1773380000	G.41	WTA 5/10	1062060000	E.135
WQV 2.5/10	1054460000	E.84	WQV 50N/4	1834080000	E.128	WS 12/6 MC BEDRUCKT	1609910000	G.47	WTA 6 WTR2.5	1632380000	E.134
WQV 2.5/10	1054460000	E.85	WQV 6/10	1052260000	E.128	WS 12/6 MC NEUTRAL	1609900000	G.46	WTA 6/ZA WTR2.5	1632390000	E.134
WQV 2.5/10	1054460000	E.86	WQV 6/10	1052260000	E.59	WS 12/6 MC neutral BL	1773551693	G.46	WTA 7 WSI6	1650210000	E.134
WQV 2.5/15	1059660000	E.128	WQV 6/10	1052260000	E.63	WS 12/6 MC neutral BR	1773551692	G.46	WTA 8 KO-TN	1915480000	E.135
WQV 2.5/2	1053660000	E.128	WQV 6/10	1052260000	E.64	WS 12/6 MC neutral GE	1773551687	G.46	WTA 8 KO-TN/ZA	1915510000	E.135
WQV 2.5/2	1053660000	E.14	WQV 6/10	1052260000	E.66	WS 12/6 MC neutral OR	1773551690	G.46	WTA 8 TN	1915450000	E.135
WQV 2.5/2	1053660000	E.15	WQV 6/10	1052260000	E.8	WS 12/6 MC neutral RT	1773551686	G.46	WTA 8 TN/ZA	1915500000	E.135
WQV 2.5/2	1053660000	E.4	WQV 6/2	1052360000	E.128	WS 12/6 MC neutral VI	1773551689	G.46	WTA 8 TN-KO	1915470000	E.135
WQV 2.5/2	1053660000	E.5	WQV 6/2								

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
WTL 6/3/32	1018900000	E.55	ZAD 3/4	1609120000	D.9	ZAP/TW 1 GN	1683680000	D.114	ZAP/TW ZDT2.5/2	1816110000	D.78
WTL 6/3/STB	1018600000	E.59	ZAD 4/5	1746730000	D.10	ZAP/TW 1 GN	1683680000	E.115	ZAP/TW ZDT2.5/2	1816110000	D.117
WTL 6/4 FF	1887210000	E.60	ZAD 4/5	1746730000	D.137	ZAP/TW 1 GR	1683710000	D.114	ZAP/TW ZDT2.5/2	1816110000	D.79
WTQ 6/1 EN	1934790000	E.57	ZAD 5/5	1745210000	D.11	ZAP/TW 1 GR	1683710000	E.115	ZAP/TW ZDU/ZPE 2.5N	1933790000	D.18
WTQ 6/1 EN STB	1934800000	E.57	ZAD 5/5	1745210000	D.137	ZAP/TW 1 OR	1608760000	D.114	ZAP/TW ZDU/ZPE 2.5N	1933790000	D.34
WTR 2.5	1855610000	E.29	ZAD 6/5	1752620000	D.12	ZAP/TW 1 OR	1608760000	E.115	ZAP/TW ZDU/ZPE 2.5N	1933790000	D.19
WTR 2.5 BL	8731640000	E.29	ZAD 6/5	1752620000	D.137	ZAP/TW 1 RT	1683660000	D.114	ZAP/TW ZDU/ZPE 2.5N	1933790000	D.35
WTR 2.5 STB2.3	1855620000	E.29	ZAD 7/4	1781940000	D.38	ZAP/TW 1 RT	1683660000	E.115	ZAP/TW ZDU1.5/2AN	1776030000	D.114
WTR 2.5 STB2.3 BL	8731660000	E.29	ZAD 7/4	1781940000	D.4	ZAP/TW 10/16	1749580000	D.10	ZAP/TW ZDU1.5/2AN	1776030000	D.22
WTR 2.5/O.TNHE	8731700000	E.29	ZAD 7/4	1781940000	D.5	ZAP/TW 10/16	1749580000	D.11	ZAP/TW ZDU1.5/2AN	1776030000	D.4
WTR 2.5/O.TNHE STB2.3	8731670000	E.29	ZAD 7/4	1781940000	D.136	ZAP/TW 10/16	1749580000	D.115	ZAP/TW ZDU1.5/2AN BL	1776040000	D.114
WTR 2.5/SI	1763940000	E.35	ZAD 7/4	1781940000	D.39	ZAP/TW 10/16	1749580000	D.27	ZAP/TW ZDU1.5/2AN BL	1776040000	D.4
WTR 2.5/SI LD 150V	1763970000	E.35	ZAD 9/4	1934160000	D.18	ZAP/TW 10/16	1749580000	D.28	ZAP/TW ZDU1.5/2AN OR	1776050000	D.114
WTR 2.5/SI LD 250V	1763980000	E.35	ZAD 9/4	1934160000	D.20	ZAP/TW 10/16 BL	1768520000	D.10	ZAP/TW ZDU1.5/3AN	1776060000	D.114
WTR 2.5/SI LD 36V	1763950000	E.35	ZAD 9/4	1934160000	D.19	ZAP/TW 10/16 BL	1768520000	D.11	ZAP/TW ZDU1.5/3AN	1776060000	D.22
WTR 2.5/SI LD 70V	1763960000	E.35	ZAD 9/4	1934160000	D.36	ZAP/TW 10/16 BL	1768520000	D.115	ZAP/TW ZDU1.5/3AN	1776060000	D.4
WTR 2.5/Z	1039900000	E.30	ZAD ZT/ZPS2.5	1861030000	D.126	ZAP/TW 10/16 OR	1749590000	D.115	ZAP/TW ZDU1.5/3AN BL	1776070000	D.114
WTR 2.5/ZZ BL	1039980000	E.30	ZAP TNHE/ZSI2.5	1610840000	D.56	ZAP/TW 2 BL	1608780000	D.114	ZAP/TW ZDU1.5/3AN BL	1776070000	D.4
WTR 35 E	1045970000	E.36	ZAP TNHE/ZSI2.5	1610840000	D.57	ZAP/TW 2 BL	1608780000	D.6	ZAP/TW ZDU1.5/3AN OR	1776080000	D.114
WTR 4	7910180000	E.31	ZAP ZDL2.5-2	1718370000	D.115	ZAP/TW 2 DB	1608770000	D.114	ZAP/TW ZDU1.5/4AN	1776090000	D.5
WTR 4 BL	7910190000	E.31	ZAP ZDU 2.5 S	1808030000	D.116	ZAP/TW 2 DB	1608770000	D.23	ZAP/TW ZDU1.5/4AN	1776090000	D.114
WTR 4 SI	7910240000	E.35	ZAP ZDU 2.5 S	1808030000	D.60	ZAP/TW 2 DB	1608770000	D.6	ZAP/TW ZDU1.5/4AN	1776090000	D.23
WTR 4 SI SL	7910330000	E.68	ZAP ZDU 2.5 S	1808030000	D.62	ZAP/TW 2 GN	1683760000	D.114	ZAP/TW ZDU1.5/4AN BL	1776100000	D.5
WTR 4 SL	7910270000	E.65	ZAP ZDU 2.5 S	1808030000	D.66	ZAP/TW 2 OR	1608790000	D.114	ZAP/TW ZDU1.5/4AN BL	1776100000	D.114
WTR 4 STB	7910210000	E.31	ZAP ZDU 2.5 S BL	1808040000	D.116	ZAP/TW 3	1608800000	D.56	ZAP/TW ZDU1.5/4AN OR	1776110000	D.114
WTR 4 STB BL	7910220000	E.31	ZAP ZDU 2.5 S BL	1808040000	D.60	ZAP/TW 3	1608800000	D.102	ZAP/TW ZDU10	1748660000	D.10
WTR 4 STB SL	7910300000	E.65	ZAP ZDU 2.5 S BL	1808040000	D.62	ZAP/TW 3	1608800000	D.103	ZAP/TW ZDU10	1748660000	D.115
WTR 4/SI LD 150V	7914390000	E.35	ZAP ZDU 2.5 S OR	1808050000	D.116	ZAP/TW 3	1608800000	D.114	ZAP/TW ZDU10	1748660000	D.27
WTR 4/SI LD 250V	7914400000	E.35	ZAP ZDU 4 S	1808380000	D.116	ZAP/TW 3	1608800000	D.24	ZAP/TW ZDU10 BL	1764110000	D.10
WTR 4/SI LD 36V	7914370000	E.35	ZAP ZDU 4 S	1808380000	D.60	ZAP/TW 3	1608800000	D.52	ZAP/TW ZDU10 BL	1764110000	D.115
WTR 4/SI LD 70V	7914380000	E.35	ZAP ZDU 4 S	1808380000	D.62	ZAP/TW 3	1608800000	D.53	ZAP/TW ZDU10 OR	1748670000	D.115
WTR 4/ZR	1905080000	E.32	ZAP ZDU 4 S	1808380000	D.66	ZAP/TW 3	1608800000	D.7	ZAP/TW ZDU16	1745150000	D.11
WTR 4/ZR STB	1905110000	E.33	ZAP ZDU 4 S BL	1808390000	D.116	ZAP/TW 3 BL	1608810000	D.114	ZAP/TW ZDU16	1745150000	D.115
WTR 4/ZZ	1905090000	E.31	ZAP ZDU 4 S BL	1808390000	D.60	ZAP/TW 3 BL	1608810000	D.7	ZAP/TW ZDU16	1745150000	D.28
WTR 4/ZZ STB	1905100000	E.32	ZAP ZDU 4 S BL	1808390000	D.62	ZAP/TW 3 GN	1683840000	D.114	ZAP/TW ZDU16 BL	1764100000	D.11
WTR4 SL/EN	7910360000	E.67	ZAP ZDU 6 S	1808250000	D.116	ZAP/TW 3 GR	1683870000	D.114	ZAP/TW ZDU16 BL	1764100000	D.115
WTR4 SL/EN STB	7910390000	E.67	ZAP ZDU 6 S	1808250000	D.61	ZAP/TW 3 OR	1608820000	D.114	ZAP/TW ZDU16 OR	1745160000	D.115
WTR4 SL/EN STB SW	7910410000	E.67	ZAP ZDU 6 S	1808250000	D.63	ZAP/TW 3 RT	1683820000	D.114	ZAP/TW ZDUA	1720960000	D.99
WTR4 SL/EN SW	7910380000	E.67	ZAP ZDU 6 S	1808250000	D.67	ZAP/TW 3 SW	1683990000	D.114	ZAP/TW ZDUA	1720960000	D.116
WTW EN	1058800000	E.11	ZAP ZDU 6 S BL	1808260000	D.116	ZAP/TW 3 WS	1683880000	D.114	ZAP/TW ZDUA BL	1720970000	D.116
WTW EN	1058800000	E.117	ZAP ZDU 6 S BL	1808260000	D.61	ZAP/TW 4	1632090000	D.115	ZAP/TW ZDUA BL	1720970000	D.99
WTW EN	1058800000	E.14	ZAP ZDU 6 S BL	1808260000	D.63	ZAP/TW 4	1632090000	D.24	ZAP/TW ZDUA OR	1720990000	D.116
WTW EN	1058800000	E.15	ZAP ZDU10/16S	1739660000	D.61	ZAP/TW 4	1632090000	D.8	ZAP/TW ZDUA OR	1720980000	D.99
WTW EN	1058800000	E.16	ZAP ZDU10/16S	1739660000	D.67	ZAP/TW 4 BL	1632100000	D.115	ZAP/TW ZDUA2.5-2N	1808170000	D.100
WTW EN	1058800000	E.17	ZAP ZDU10/16S	1739660000	D.116	ZAP/TW 4 BL	1632100000	D.8	ZAP/TW ZDUA2.5-2N BL	1808170000	D.116
WTW EN	1058800000	E.18	ZAP ZDU10/16S	1739660000	D.117	ZAP/TW 4 GN	1683920000	D.115	ZAP/TW ZDUA2.5-2N BL	1808150000	D.100
WTW EN	1058800000	E.42	ZAP ZDU10/16S	1739660000	D.63	ZAP/TW 4 OR	1632110000	D.115	ZAP/TW ZDUA2.5-2N OR	1808160000	D.100
WTW EN	1058800000	E.43	ZAP ZDU10/16S	1739660000	D.64	ZAP/TW 4/3AN	7904100000	D.115	ZAP/TW ZIA1.5/3L	1649540000	D.115
WTW EN	1058800000	E.68	ZAP ZDU10/16S	1739660000	D.65	ZAP/TW 4/3AN	7904100000	D.25	ZAP/TW ZIA1.5/3L	1649540000	D.92
WTW EN	1058800000	E.69	ZAP ZDU4/NT	1757970000	D.117	ZAP/TW 4/3AN	7904100000	D.8	ZAP/TW ZIA1.5/4L	1649550000	D.115
WTW EN	1058800000	E.77	ZAP ZDU4/NT	1757970000	D.65	ZAP/TW 4/3AN BL	7904110000	D.115	ZAP/TW ZIA1.5/4L	1649550000	D.93
WTW EN	1058800000	E.9	ZAP ZDU4-2	1770400000	D.16	ZAP/TW 4/3AN BL	7904110000	D.8	ZAP/TW ZPV1.5	1674650000	D.115
WTW WF10/WF12	1780890000	E.105	ZAP ZDU4-2	1770400000	D.31	ZAP/TW 4/3AN OR	7904120000	D.115	ZAP/TW ZPV1.5	1674650000	D.92
WTW WF10/WF12	1780890000	E.106	ZAP ZDU4-2	1770400000	D.115	ZAP/TW 5	1608830000	D.115	ZAP/TW ZT2.5/2AN	1816030000	D.74
WTW WF10/WF12	1780890000	E.107	ZAP ZDU4-2	1770400000	D.16	ZAP/TW 5	1608830000	D.26	ZAP/TW ZT2.5/2AN	1816030000	D.75
WTW WF10/WF12 2300	1780920000	E.105	ZAP ZDU4-2 BL	1770880000	D.15	ZAP/TW 5	1608830000	D.9	ZAP/TW ZT2.5/2AN	1816030000	D.117
WTW WF10/WF12 2300	1780920000	E.107	ZAP ZDU4-2 BL	1770880000	D.115	ZAP/TW 5 BL	1608840000	D.115	ZAP/TW ZT2.5/2AN	1816030000	D.70
WTW WF6	1781220000	E.104	ZAP ZDU4-2 BL	1770880000	D.16	ZAP/TW 5 BL	1608840000	D.9	ZAP/TW ZT2.5/2AN OR	1816040000	D.74
WTW WF6 2300	1781230000	E.104	ZAP ZDU4-2 OR	1770890000	D.115	ZAP/TW 5 OR	1608850000	D.115	ZAP/TW ZT2.5/2AN OR	1816040000	D.75
WTW WF6 2300	1781230000	E.106	ZAP ZDU4-2/4AN	1807010000	D.115	ZAP/TW ZDK 2.5/3AN	1924910000	D.20	ZAP/TW ZT2.5/2AN OR	1816040000	D.117
WTW WF6-WF12	1781240000	E.104	ZAP ZDU4-2/4AN	1807010000	D.16	ZAP/TW ZDK 2.5/3AN	1924910000	D.36	ZAP/TW ZT2.5/2AN OR	1816040000	D.70
WTW WF8	1780900000	E.105	ZAP ZDU4-2/4AN	1807010000	D.32	ZAP/TW ZDK 2.5/3AN	1924910000	D.109	ZAP/TW ZT2.5/3AN	1816050000	D.117
WTW WF8 2300	1780910000	E.105	ZAP ZDU4-2/4AN BL	1807020000	D.115	ZAP/TW ZDK1.5	1791160000	D.38	ZAP/TW ZT2.5/3AN	1816050000	D.70
WTW WF8 2300	1780910000	E.106	ZAP ZDU4-2/4AN BL	1807020000	D.16	ZAP/TW ZDK1.5	1791160000	D.114	ZAP/TW ZT2.5/3AN OR	1816060000	D.70
WTW WFF120	1067300000	E.109	ZAP ZDU4-2/4AN OR	1807030000	D.115	ZAP/TW ZDK1.5	1791160000	D.39	ZAP/TW ZT2.5/4AN/2	1816070000	D.117
WTW WFF185/300	1067400000	E.109	ZAP ZDU6-2	1771440000	D.17	ZAP/TW ZDK1.5	1791160000	D.44	ZAP/TW ZT2.5/4AN/2	1816070000	D.71
WTW WFF35	1067100000	E.108	ZAP ZDU6-2	1771440000	D.115	ZAP/TW ZDK1.5 BL	1791170000	D.38	ZAP/TW ZT2.5/4AN/2 OR	1816080000	D.117
WTW WFF70	1067200000	E.108	ZAP ZDU6-2	1771440000	D.32	ZAP/TW ZDK1.5 BL	1791170000	D.114	ZAP/TW ZT2.5/4AN/2 OR	1816080000	D.71
WTW WTL6/1 DB	1068400000	E.57	ZAP ZDU6-2	1771440000	D.33	ZAP/TW ZDK1.5 BL	1791170000	D.39	ZAP/TW ZT2.5/4AN/4	1816090000	D.71
WTW WTL6/1 DB	1068400000	E.58	ZAP ZDU6-2	1771440000	D.54	ZAP/TW ZDK1.5 OR	1791180000	D.114	ZAP/TW ZT2.5/4AN/4	1816090000	D.117
WZA D120	1066100000	E.140	ZAP ZDU6-2	1771440000	D.55	ZAP/TW ZDK2.5	1674730000	D.41	ZAP/TW ZT2.5/4AN/4	1816090000	D.72
WZAD 240	1802810000	E.140	ZAP ZDU6-2 BL	1771450000	D.115	ZAP/TW ZDK2.5	1674730000	D.40	ZAP/TW ZT2.5/4AN/4	1816090000	D.75
WZAD 50N	1872720000	E.140	ZAP ZDU6-2 OR	1771460000	D.115	ZAP/TW ZDK2.5	1674730000	D.105	ZAP/TW ZT2.5/4AN/4 OR	1816100000	D.71
WZAD 70	9512280000	E.140	ZAP ZDU6-2 SW	1814710000	D.58	ZAP/TW ZDK2.5	1674730000	D.106	ZAP/TW ZT2.5/4AN/4 OR	1816100000	D.117
WZAD 70/95	1066000000	E.140	ZAP ZDU6-2 SW	1814710000	D.115	ZAP/TW ZDK2.5	1674730000	D.107	ZAP/TW ZT2.5/4AN/4 OR	1816100000	D.72
WZAF 120	1066300000	E.140	ZAP ZDU6-2 SW	1814710000	D.59	ZAP/TW ZDK2.5	1674730000	D.114	ZAP/TW ZT2.5/4AN/4 OR	1816100000	D.75
WZAF 185	1066400000	E.140	ZAP ZDUB	1704750000	D.96	ZAP/TW ZDK2.5	1674730000	D.44	ZAP/TW ZT4/2AN	1855220000	D.73
WZAF 300	1066500000	E.140	ZAP ZDUB	1704750000	D.97	ZAP/TW ZDK2.5 BL	1748800000	D.41	ZAP/TW ZT4/2AN	1855220000	D.76
WZAF 35	1070500000	E.140	ZAP ZDUB	1704750000	D.98	ZAP/TW ZDK2.5 BL	1748800000	D.40	ZAP/TW ZT4/2AN OR	1855230000	D.73
WZAF 70	1066200000	E.140	ZAP ZDUB	1704750000	D.116	ZAP/TW ZDK2.5 BL	1748800000	D.105	ZAP/TW ZT4/2AN OR	1855230000	D.76
ZAD 1/4	1609110000	D.15	ZAP ZDUB	1704750000	D.99	ZAP/TW ZDK2.5 BL	1748800000	D.114	ZAP/TW ZT4/4AN/2	1848360000	D.73
ZAD 1/4	1609110000	D.16									

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
ZAP/TW7	1706110000	D.104	ZDK 2.5/3AN PE	1924470000	D.36	ZDU 2.5/4AN BR	1683460000	D.144	ZDUB 2.5-2/4AN/DM OR	1704560000	D.145
ZAP/TW7	1706110000	D.115	ZDK 2.5/3AN V	1924490000	D.20	ZDU 2.5/4AN GE	1683430000	D.144	ZDUB 2.5-2/4AN/RC	1712970000	D.96
ZAP/TW7	1706110000	D.15	ZDK 2.5/3AN V BL	1924480000	D.106	ZDU 2.5/4AN GE/GN	1692240000	D.144	ZDUB 2.5-2/4AN/RC BL	1712980000	D.96
ZAP/TW7	1706110000	D.31	ZDK 2.5/D/1	1690020000	D.20	ZDU 2.5/4AN GN	1683440000	D.144	ZDUB 2.5-2/4AN/RC GE	1713000000	D.96
ZAP/TW7	1706110000	D.54	ZDK 2.5/D/2	1690030000	D.106	ZDU 2.5/4AN GR	1683470000	D.144	ZDUS	1676640000	D.139
ZAP/TW7 BL	1706120000	D.14	ZDK 2.5/D/4	1690040000	D.107	ZDU 2.5/4AN OR	1636800000	D.144	ZE ZRFV2.5	2318670000	D.83
ZAP/TW7 BL	1706120000	D.115	ZDK 2.5/D/5	1690050000	D.107	ZDU 2.5/4AN RT	1683420000	D.144	ZEI 16	1745350000	C.40
ZAP/TW7 BL	1706120000	D.15	ZDK 2.5/D/6	1690060000	D.107	ZDU 2.5/4AN SW	1683490000	D.144	ZEI 16	1745350000	D.11
ZAP/TW7 OR	1706130000	D.115	ZDK 2.5/LD RT/1	1690010000	D.105	ZDU 2.5/4AN WS	1683480000	D.144	ZEI 16	1745350000	D.118
ZAP/Z...16-2/1AN	1772970000	D.115	ZDK 2.5/LD RT/2	1693940000	D.105	ZDU 2.5-2	1772060000	D.14	ZEI 16 BL	1766240000	C.40
ZAP/Z...16-2/1AN	1772970000	D.17	ZDK 2.5-2	1790990000	D.46	ZDU 2.5-2 BL	1772070000	D.14	ZEI 16 BL	1766240000	D.11
ZAP/Z...16-2/1AN	1772970000	D.33	ZDK 2.5-2 BL	1791000000	D.46	ZDU 2.5-2 OR	1772080000	D.144	ZEI 16 BL	1766240000	D.118
ZAP/Z...16-2/1AN	1772970000	D.51	ZDK 2.5-2 OR	1831260000	D.144	ZDU 2.5-2/3AN	1706010000	D.14	ZEI 16-2/1AN	1772940000	D.17
ZB 10 F.10X3/10X5/10X10	1261300000	G.22	ZDK 2.5-2PE	1791010000	D.50	ZDU 2.5-2/3AN BL	1706040000	D.14	ZEI 16-2/1AN BL	1772950000	D.17
ZB 16 ZKSC	0316600000	B.21	ZDK 2.5-2V	1791030000	D.46	ZDU 2.5-2/3AN OR	1706050000	D.144	ZEI 6	1791190000	D.5
ZB 16 ZKSC	0316600000	B.22	ZDK 2.5-2V BL	1791040000	D.46	ZDU 2.5-2/4AN	1706060000	D.15	ZEW 15	7920340000	D.99
ZB 16 ZKSC	0316600000	B.23	ZDK 2.5DU-PE	1689970000	D.41	ZDU 2.5-2/4AN BL	1706070000	D.15	ZEW 15	7920340000	D.100
ZB 16 ZKSC	0316600000	E.46	ZDK 2.5N-DU	1689960000	D.41	ZDU 2.5-2/4AN OR	1706080000	D.144	ZEW 15	7920340000	D.98
ZB 16 ZKSC	0316600000	E.47	ZDK 2.5N-PE	1689980000	D.41	ZDU 2.5-2/D-	1779000000	D.104	ZEW 15	7920340000	G.29
ZB 16 ZKSC	0316600000	E.48	ZDK 2.5PE	1690000000	D.44	ZDU 2.5-2/D+	1779110000	D.104	ZEW 35	9540000000	B.5
ZB 16 ZKSC	0316600000	E.49	ZDK 2.5V	1689990000	D.40	ZDU 2.5N	1933700000	D.18	ZEW 35	9540000000	B.9
ZB 16 ZKSC	0316600000	E.50	ZDK 2.5V BL	1745880000	D.40	ZDU 2.5N BL	1933710000	D.18	ZEW 35	9540000000	B.11
ZB 16 ZKSC	0316600000	G.22	ZDK 4-2	8670750000	D.48	ZDU 2.5N/3AN	1933720000	D.18	ZEW 35	9540000000	B.12
ZB 16/6	0556800000	G.22	ZDK 4-2 BL	8670850000	D.48	ZDU 2.5N/3AN BL	1933730000	D.18	ZEW 35	9540000000	B.14
ZB 16/6K GE/GN	0569660000	G.23	ZDK 4-2 PE	8671050000	D.50	ZDU 2.5N/4AN	1933740000	D.19	ZEW 35	9540000000	B.15
ZB 16K BL	0502880000	B.19	ZDK 4-2 V	8671080000	D.48	ZDU 2.5N/4AN BL	1933750000	D.19	ZEW 35	9540000000	B.17
ZB 16K BL	0502880000	B.20	ZDK 4-2/D forward	8670520000	D.108	ZDU 35	1739620000	D.12	ZEW 35	9540000000	B.18
ZB 16K BL	0502880000	D.62	ZDK 4-2/D reverse	8670640000	D.108	ZDU 35 BL	1739630000	D.12	ZEW 35	9540000000	B.19
ZB 16K BL	0502880000	D.63	ZDK 4-2/DU-PE	8671120000	D.49	ZDU 35 OR	1830760000	D.145	ZEW 35	9540000000	B.4
ZB 16K BL	0502880000	D.64	ZDK 4-2/NL	1905170000	D.49	ZDU 4	1632050000	D.8	ZEW 35	9540000000	B.6
ZB 16K BL	0502880000	D.65	ZDKPE 2.5-2	1805940000	D.47	ZDU 4 BL	1632060000	D.8	ZEW 35	9540000000	B.8
ZB 16K BL	0502880000	G.23	ZDKPE 2.5-2/NL/PE	1895700000	D.47	ZDU 4 BR	1683620000	D.145	ZEW 35	9540000000	D.5
ZB 16K GE/GN	0502860000	G.23	ZDLD 2.5-2N	1782300000	D.42	ZDU 4 GE	1683590000	D.145	ZEW 35	9540000000	D.9
ZB 35/M6X16	0266500000	B.19	ZDLD 2.5-2N BL	1782310000	D.42	ZDU 4 GE/GN	1698770000	D.145	ZEW 35	9540000000	D.10
ZB 35/M6X16	0266500000	B.20	ZDLD 2.5-2VN	1782320000	D.42	ZDU 4 GN	1683600000	D.145	ZEW 35	9540000000	D.11
ZB 35/M6X16	0266500000	B.21	ZDLD 2.5-2VN BL	1782330000	D.42	ZDU 4 GR	1683630000	D.145	ZEW 35	9540000000	D.15
ZB 35/M6X16	0266500000	B.22	ZDT 2.5/2	1851500000	D.78	ZDU 4 OR	1636830000	D.145	ZEW 35	9540000000	D.17
ZB 35/M6X16	0266500000	B.23	ZDT 2.5/2 DU-PE	1815160000	D.78	ZDU 4 RT	1683580000	D.145	ZEW 35	9540000000	D.23
ZB 35/M6X16	0266500000	D.64	ZDT 2.5/2 PE	1815170000	D.79	ZDU 4 S	1808360000	D.60	ZEW 35	9540000000	D.31
ZB 35/M6X16	0266500000	E.46	ZDTR 2.5	1745400000	D.53	ZDU 4 S BL	1808370000	D.60	ZEW 35	9540000000	D.41
ZB 35/M6X16	0266500000	E.47	ZDTR 2.5 BL	1798330000	D.53	ZDU 4 SW	1683650000	D.145	ZEW 35	9540000000	D.14
ZB 35/M6X16	0266500000	E.48	ZDU 1.5	1775480000	D.4	ZDU 4 VI	1683610000	D.145	ZEW 35	9540000000	D.16
ZB 35/M6X16	0266500000	E.49	ZDU 1.5 BL	1775490000	D.4	ZDU 4 WS	1683640000	D.145	ZEW 35	9540000000	D.18
ZB 35/M6X16	0266500000	E.50	ZDU 1.5 OR	1775500000	D.144	ZDU 4/3AN	7904180000	D.8	ZEW 35	9540000000	D.20
ZB 35/M6X16	0266500000	G.22	ZDU 1.5/2X2AN	1826970000	D.5	ZDU 4/3AN BL	7904190000	D.8	ZEW 35	9540000000	D.22
ZB 35K BL M6X16	0502680000	D.62	ZDU 1.5/2X2AN BL	1826990000	D.5	ZDU 4/4AN	7904290000	D.9	ZEW 35	9540000000	D.61
ZB 35K BL M6X16	0502680000	D.63	ZDU 1.5/3AN	1775530000	D.4	ZDU 4/4AN BL	7904300000	D.9	ZEW 35	9540000000	D.24
ZB 35K BL M6X16	0502680000	D.64	ZDU 1.5/3AN BL	1775540000	D.4	ZDU 4/NT	1757980000	D.65	ZEW 35	9540000000	D.25
ZB 35K BL M6X16	0502680000	D.65	ZDU 1.5/3AN OR	1775550000	D.144	ZDU 4/NT DB	1778080000	D.65	ZEW 35	9540000000	D.26
ZB 35K BL M6X16	0502680000	G.23	ZDU 1.5/4AN	1775580000	D.5	ZDU 4-2/2AN	1770370000	D.15	ZEW 35	9540000000	D.27
ZB 35K GE/GN M6X16	0502660000	G.23	ZDU 1.5/4AN BL	1775600000	D.5	ZDU 4-2/2AN BL	1770840000	D.15	ZEW 35	9540000000	D.28
ZB 35K SW M6X16	0502610000	G.23	ZDU 1.5/4AN OR	1775610000	D.144	ZDU 4-2/2AN OR	1770850000	D.145	ZEW 35	9540000000	D.30
ZB 4	0316500000	E.46	ZDU 10	1746750000	D.10	ZDU 4-2/3AN	1770360000	D.15	ZEW 35	9540000000	D.32
ZB 4	0316500000	E.47	ZDU 10 BL	1746760000	D.10	ZDU 4-2/3AN BL	1770860000	D.15	ZEW 35	9540000000	D.33
ZB 4	0316500000	E.48	ZDU 10 OR	1830610000	D.145	ZDU 4-2/3AN LSC	1790520000	D.16	ZEW 35	9540000000	D.34
ZB 4	0316500000	E.49	ZDU 10/3AN	1767690000	D.10	ZDU 4-2/3AN OR	1770870000	D.145	ZEW 35	9540000000	D.67
ZB 4	0316500000	E.50	ZDU 10/3AN BL	1767700000	D.10	ZDU 4-2/4AN	1806980000	D.16	ZEW 35	9540000000	D.38
ZB 4	0316500000	G.22	ZDU 10/NT	1762420000	D.65	ZDU 4-2/4AN BL	1806990000	D.16	ZEW 35	9540000000	D.4
ZB 4/6	0556700000	G.22	ZDU 10S	1739540000	D.61	ZDU 4-2/4AN OR	1807000000	D.145	ZEW 35	9540000000	D.40
ZB 4/6K BL	0565480000	G.23	ZDU 10S BL	1739550000	D.61	ZDU 6	1608620000	D.9	ZEW 35	9540000000	D.42
ZB 4/6K GE/GN	0565460000	G.23	ZDU 16	1745230000	D.11	ZDU 6 BL	1608630000	D.9	ZEW 35	9540000000	D.43
ZB 4G BL	0322180000	G.23	ZDU 16 BL	1745240000	D.11	ZDU 6 GE/GN	1698800000	D.145	ZEW 35	9540000000	D.44
ZB 4G GN/GE	0322160000	G.23	ZDU 16 OR	1830680000	D.145	ZDU 6 OR	1636820000	D.145	ZEW 35	9540000000	D.46
ZB 4G SW	0322110000	G.23	ZDU 16/3AN	1768320000	D.11	ZDU 6 RT	1830420000	D.145	ZEW 35	9540000000	D.47
ZB 4K BL	0475380000	D.62	ZDU 16/3AN BL	1768330000	D.11	ZDU 6 S	1808230000	D.61	ZEW 35	9540000000	D.48
ZB 4K BL	0475380000	D.63	ZDU 16S	1739580000	D.61	ZDU 6 S BL	1808240000	D.61	ZEW 35	9540000000	D.49
ZB 4K BL	0475380000	D.64	ZDU 16S BL	1739590000	D.61	ZDU 6/3AN	7907410000	D.9	ZEW 35	9540000000	D.50
ZB 4K BL	0475380000	D.65	ZDU 2.5	1608510000	D.6	ZDU 6/3AN BL	7907420000	D.9	ZEW 35	9540000000	D.52
ZB 4K BL	0475380000	G.23	ZDU 2.5 BL	1608520000	D.6	ZDU 6-2/2AN	1771380000	D.17	ZEW 35	9540000000	D.53
ZB 4K GE/GN	0475360000	G.23	ZDU 2.5 BR	1683300000	D.144	ZDU 6-2/2AN BL	1771390000	D.17	ZEW 35	9540000000	D.54
ZBB ZDUB	1704740000	D.97	ZDU 2.5 GE	1683270000	D.144	ZDU 6-2/2AN OR	1771400000	D.145	ZEW 35	9540000000	D.6
ZBE 6	0459500000	G.22	ZDU 2.5 GE/GN	1698780000	D.144	ZDU 6-2/3AN	1771410000	D.17	ZEW 35	9540000000	D.60
ZBE 6K BL	0525980000	G.23	ZDU 2.5 GN	1683280000	D.144	ZDU 6-2/3AN BL	1771420000	D.17	ZEW 35	9540000000	D.102
ZBE 6K GE/GN	0525960000	G.23	ZDU 2.5 GR	1683310000	D.144	ZDU 6-2/3AN OR	1771430000	D.145	ZEW 35	9540000000	D.103
ZBE 6K SW	0525910000	G.23	ZDU 2.5 OR	1636780000	D.144	ZDUA 2.5-2	1720920000	D.99	ZEW 35	9540000000	D.104
ZBS1 FD SET	1764550000	D.139	ZDU 2.5 RT	1683260000	D.144	ZDUA 2.5-2 BL	1720930000	D.99	ZEW 35	9540000000	D.62
ZBS1 SET	1764540000	D.139	ZDU 2.5 S	1808010000	D.60	ZDUA 2.5-2 OR	1720940000	D.145	ZEW 35	9540000000	D.105
ZBW 1	1669620000	D.137	ZDU 2.5 S BL	1808020000	D.60	ZDUA 2.5-2N	1808200000	D.100	ZEW 35	9540000000	D.106
ZBW 1/3.5	1781930000	D.137	ZDU 2.5 SW	1683330000	D.144	ZDUA 2.5-2N BL	1808180000	D.100	ZEW 35	9540000000	D.63
ZBW 2	1650670000	D.137	ZDU 2.5 VI	1683290000	D.144	ZDUB 2.5-2/2AN/15	1712750000	D.98	ZEW 35	9540000000	D.107
ZBW 3	1650680000	D.137	ZDU 2.5 WS	1683320000	D.144	ZDUB 2.5-2/2AN/15 BL	1712760000	D.98	ZEW 35	9540000000	D.64
ZBW 4	1650690000	D.137	ZDU 2.5/2X2AN	1608660000	D.144	ZDUB 2.5-2/2AN/DB	1704500000	D.97	ZEW 35	9540000000	D.108
ZBW-6	1650700000	D.137	ZDU 2.5/2X2AN	1608660000	D.7	ZDUB 2.5-2/2AN/DB BL	1704510000	D.97	ZEW 35	9540000000	D.65
ZBWW	1696630000	D.137	ZDU 2.5/2X2AN BL	1608610000	D.7	ZDUB 2.5-2/2AN/DB GE	1704530000	D.97	ZEW 35	9540000000	D.66
ZDK 1.5	1791100000	D.38	ZDU 2.5/2X2AN/D-	1650350000	D.103	ZDUB 2.5-2/2AN/DB OR	1704520000				

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
ZEW 35	9540000000	D.80	ZP 2.5/1AN/4 GN/BE	1867110000	D.84	ZP 2.5/2AN/QV/4	1815760000	D.85	ZQS 2.5/4	1633220000	D.125
ZEW 35	9540000000	G.29	ZP 2.5/1AN/5	1815510000	D.71	ZP 2.5/2AN/QV/5	1815770000	D.85	ZQS 2.5/4	1633220000	D.57
ZEW 35/2	8630740000	B.21	ZP 2.5/1AN/5	1815510000	D.84	ZP 2.5/2AN/QV/6	1815780000	D.85	ZQS 2.5/5	1633230000	D.125
ZEW 35/2	8630740000	B.22	ZP 2.5/1AN/5 GN/BE	1867120000	D.84	ZP 2.5/2AN/QV/7	1815790000	D.85	ZQV 1.5/10	1776200000	D.5
ZEW 35/2	8630740000	B.23	ZP 2.5/1AN/6	1815520000	D.71	ZP 2.5/2AN/QV/8	1815800000	D.85	ZQV 1.5/10	1776200000	D.38
ZEW 35/2	8630740000	B.24	ZP 2.5/1AN/6	1815520000	D.129	ZP 4 2T4/2AN FX-SET	1859740000	D.127	ZQV 1.5/10	1776200000	D.4
ZEW 35/2	8630740000	B.25	ZP 2.5/1AN/6	1815520000	D.84	ZP 4 2T4/4AN FX-SET	1859750000	D.127	ZQV 1.5/10	1776200000	D.124
ZEW 35/2	8630740000	D.109	ZP 2.5/1AN/6 GN/BE	1867130000	D.84	ZP 4/1AN/1	1848340000	D.73	ZQV 1.5/10	1776200000	D.39
ZEW 35/2	8630740000	D.36	ZP 2.5/1AN/7	1815530000	D.71	ZP 4/1AN/1	1848340000	D.85	ZQV 1.5/2	1776120000	D.5
ZEW 35/2	8630740000	G.29	ZP 2.5/1AN/7	1815530000	D.84	ZP 4/1AN/1 GN	1854980000	D.76	ZQV 1.5/2	1776120000	D.38
ZF 4 S	1814660000	G.23	ZP 2.5/1AN/7 GN/BE	1867140000	D.84	ZP 4/1AN/1 GN	1854980000	D.85	ZQV 1.5/2	1776120000	D.4
ZF 4 S BL	1814660000	B.19	ZP 2.5/1AN/8	1815540000	D.71	ZP 4/1AN/10	1855070000	D.73	ZQV 1.5/2	1776120000	D.124
ZF 4 S BL	1814660000	B.21	ZP 2.5/1AN/8	1815540000	D.84	ZP 4/1AN/10	1855070000	D.85	ZQV 1.5/2	1776120000	D.39
ZF 4 S BL	1814660000	B.22	ZP 2.5/1AN/8 GN/BE	1867150000	D.84	ZP 4/1AN/11	1855080000	D.85	ZQV 1.5/3	1776130000	D.5
ZF 4 S BL	1814660000	B.23	ZP 2.5/1AN/9	1815550000	D.71	ZP 4/1AN/12	1855090000	D.85	ZQV 1.5/3	1776130000	D.38
ZF 4 S BL	1814660000	B.20	ZP 2.5/1AN/QV	1007900000	D.88	ZP 4/1AN/13	1855100000	D.85	ZQV 1.5/3	1776130000	D.4
ZF 4 S BL	1814660000	G.23	ZP 2.5/1AN/QV BL	1007910000	D.88	ZP 4/1AN/14	1855110000	D.85	ZQV 1.5/3	1776130000	D.124
ZF 4 S GN	1814670000	G.23	ZP 2.5/1AN/QV GN	1007920000	D.88	ZP 4/1AN/15	1855120000	D.85	ZQV 1.5/3	1776130000	D.39
ZGB 15	1636530000	G.51	ZP 2.5/1AN/QV ZA	1007930000	D.88	ZP 4/1AN/16	1855130000	D.85	ZQV 1.5/4	1776140000	D.5
ZGB 30	1611930000	D.84	ZP 2.5/1AN/QV ZA BL	1007940000	D.88	ZP 4/1AN/2	1854990000	D.73	ZQV 1.5/4	1776140000	D.38
ZGB 30	1611930000	D.85	ZP 2.5/1AN/QV ZA GN	1007950000	D.88	ZP 4/1AN/3	1854990000	D.85	ZQV 1.5/4	1776140000	D.4
ZGB 30	1611930000	D.86	ZP 2.5/1AN/QV ZA O.RA	1007960000	D.88	ZP 4/1AN/3	1855000000	D.73	ZQV 1.5/4	1776140000	D.124
ZGB 30	1611930000	G.51	ZP 2.5/1AN/QV ZAO.RA BL	1007970000	D.88	ZP 4/1AN/3	1855000000	D.85	ZQV 1.5/4	1776140000	D.39
ZHP S	1808290000	D.60	ZP 2.5/1AN/QV ZAO.RA GN	1007980000	D.88	ZP 4/1AN/4	1855010000	D.73	ZQV 1.5/5	1776150000	D.124
ZHP S	1808290000	D.62	ZP 2.5/1AN/QV/1	1815190000	C.31	ZP 4/1AN/4	1855010000	D.85	ZQV 1.5N/R3.5/10 GE	1754290000	E.98
ZHP S	1808290000	D.66	ZP 2.5/1AN/QV/1	1815190000	D.70	ZP 4/1AN/5	1855020000	D.73	ZQV 1.5N/R3.5/2 GE	1754210000	E.98
ZHP S	1808290000	D.116	ZP 2.5/1AN/QV/1	1815190000	D.78	ZP 4/1AN/5	1855020000	D.85	ZQV 1.5N/R3.5/3 GE	1754220000	E.98
ZHP S	1808290000	D.61	ZP 2.5/1AN/QV/1	1815190000	D.71	ZP 4/1AN/6	1855030000	D.73	ZQV 1.5N/R3.5/4 GE	1754230000	E.98
ZHP S	1808290000	D.63	ZP 2.5/1AN/QV/1	1815190000	D.85	ZP 4/1AN/6	1855030000	D.85	ZQV 10/2	1739680000	D.10
ZHP S	1808290000	D.67	ZP 2.5/1AN/QV/1 GN	1820570000	D.74	ZP 4/1AN/7	1855040000	D.73	ZQV 10/2	1739680000	D.125
ZHP S SO	1808280000	D.60	ZP 2.5/1AN/QV/1 GN	1820570000	D.75	ZP 4/1AN/7	1855040000	D.85	ZQV 10/2	1739680000	D.61
ZHP S SO	1808280000	D.62	ZP 2.5/1AN/QV/1 GN	1820570000	D.79	ZP 4/1AN/8	1855050000	D.73	ZQV 10/2	1739680000	D.65
ZHP S SO	1808280000	D.66	ZP 2.5/1AN/QV/1 GN	1820570000	D.85	ZP 4/1AN/8	1855050000	D.85	ZQV 10/2	1739680000	E.60
ZHP S SO	1808280000	D.116	ZP 2.5/1AN/QV/10	1815280000	C.31	ZP 4/1AN/9	1855060000	D.73	ZQV 16/2	1739690000	B.10
ZHP S SO	1808280000	D.61	ZP 2.5/1AN/QV/10	1815280000	D.70	ZPE 1.5	1775510000	D.22	ZQV 16/2	1739690000	B.31
ZHP S SO	1808280000	D.63	ZP 2.5/1AN/QV/10	1815280000	D.78	ZPE 1.5/3AN	1775560000	D.22	ZQV 16/2	1739690000	B.6
ZHP S SO	1808280000	D.67	ZP 2.5/1AN/QV/10	1815280000	D.71	ZPE 1.5/4AN	1775620000	D.23	ZQV 16/2	1739690000	D.11
ZHP Z/W BL	1745180000	D.61	ZP 2.5/1AN/QV/10	1815280000	D.85	ZPE 10	1746770000	D.27	ZQV 16/2	1739690000	D.125
ZHP Z/W BL	1745180000	D.64	ZP 2.5/1AN/QV/11	1815290000	D.85	ZPE 10/3AN	1767670000	D.27	ZQV 16/2	1739690000	D.61
ZHP Z/W BL	1745180000	D.67	ZP 2.5/1AN/QV/12	1815300000	D.85	ZPE 10S	1739570000	D.67	ZQV 16/2	1739690000	D.63
ZHP Z/W BL	1745180000	D.116	ZP 2.5/1AN/QV/13	1815310000	D.85	ZPE 16	1745250000	D.28	ZQV 16/2	1739690000	D.64
ZHP Z/W BL	1745180000	D.63	ZP 2.5/1AN/QV/14	1815320000	D.85	ZPE 16/3AN	1768310000	D.28	ZQV 16-10	7920080000	D.124
ZHP Z/W SO	1781070000	D.61	ZP 2.5/1AN/QV/15	1815330000	D.85	ZPE 16-2/1AN	1772960000	D.33	ZQV 2.5/10	1608940000	B.11
ZHP Z/W SO	1781070000	D.64	ZP 2.5/1AN/QV/16	1815340000	D.85	ZPE 16-2/1AN	1772960000	D.51	ZQV 2.5/10	1608940000	B.12
ZHP Z/W SO	1781070000	D.67	ZP 2.5/1AN/QV/17	1815350000	D.85	ZPE 16S	1739610000	D.67	ZQV 2.5/10	1608940000	B.14
ZHP Z/W SO	1781070000	D.116	ZP 2.5/1AN/QV/2	1815200000	C.31	ZPE 2.5	1608640000	D.23	ZQV 2.5/10	1608940000	B.15
ZHP Z/W SO	1781070000	D.63	ZP 2.5/1AN/QV/2	1815200000	D.70	ZPE 2.5 S	1808330000	D.66	ZQV 2.5/10	1608940000	B.17
ZHP ZDL2.5S BL	1720890000	D.116	ZP 2.5/1AN/QV/2	1815200000	D.78	ZPE 2.5/3AN	1608650000	D.23	ZQV 2.5/10	1608940000	B.18
ZHP ZDL4/NT SO	1803890000	D.65	ZP 2.5/1AN/QV/2	1815200000	D.71	ZPE 2.5/4AN	1608660000	D.24	ZQV 2.5/10	1608940000	B.21
ZIA 1.5/3L-1S	1651980000	D.92	ZP 2.5/1AN/QV/2	1815200000	D.85	ZPE 2.5-2	1772090000	D.30	ZQV 2.5/10	1608940000	B.22
ZIA 1.5/3L-1S/LD	1651990000	D.92	ZP 2.5/1AN/QV/3	1815210000	C.31	ZPE 2.5-2/3AN	1706090000	D.30	ZQV 2.5/10	1608940000	B.23
ZIA 1.5/3L-PE	1652000000	D.92	ZP 2.5/1AN/QV/3	1815210000	D.70	ZPE 2.5-2/4AN	1706100000	D.31	ZQV 2.5/10	1608940000	B.24
ZIA 1.5/4L-1S	1652010000	D.93	ZP 2.5/1AN/QV/3	1815210000	D.78	ZPE 2.5N	1933760000	D.34	ZQV 2.5/10	1608940000	B.4
ZIA 1.5/4L-1S/LD	1652020000	G.93	ZP 2.5/1AN/QV/3	1815210000	D.71	ZPE 2.5N/3AN	1933770000	D.34	ZQV 2.5/10	1608940000	B.25
ZIA 1.5/4L-PE	1652030000	G.93	ZP 2.5/1AN/QV/3	1815210000	D.85	ZPE 2.5N/4AN	1933780000	D.35	ZQV 2.5/10	1608940000	B.5
ZMAK 2.5	1768000000	D.43	ZP 2.5/1AN/QV/4	1815220000	C.31	ZPE 3S	1739650000	D.29	ZQV 2.5/10	1608940000	C.14
ZMAK 2.5 690V	1027550000	D.43	ZP 2.5/1AN/QV/4	1815220000	D.70	ZPE 4	1632080000	D.24	ZQV 2.5/10	1608940000	C.18
ZNT 10S	1739560000	D.63	ZP 2.5/1AN/QV/4	1815220000	D.78	ZPE 4 S	1808340000	D.66	ZQV 2.5/10	1608940000	C.20
ZNT 16S	1739600000	D.64	ZP 2.5/1AN/QV/4	1815220000	D.71	ZPE 4/3AN	7904170000	D.25	ZQV 2.5/10	1608940000	C.22
ZNT 2.5 S	1808300000	D.62	ZP 2.5/1AN/QV/4	1815220000	D.85	ZPE 4/4AN	7904280000	D.25	ZQV 2.5/10	1608940000	C.23
ZNT 35	1739640000	D.64	ZP 2.5/1AN/QV/5	1815230000	C.31	ZPE 4-2/2AN	1770380000	D.31	ZQV 2.5/10	1608940000	C.35
ZNT 4 S	1808310000	D.62	ZP 2.5/1AN/QV/5	1815230000	D.70	ZPE 4-2/3AN	1770390000	D.31	ZQV 2.5/10	1608940000	C.6
ZNT 6 S	1808320000	D.63	ZP 2.5/1AN/QV/5	1815230000	D.78	ZPE 4-2/4AN	1807090000	D.32	ZQV 2.5/10	1608940000	C.7
ZP 2.5/1AN	1875150000	D.88	ZP 2.5/1AN/QV/5	1815230000	D.71	ZPE 6	1806770000	D.26	ZQV 2.5/10	1608940000	D.41
ZP 2.5/1AN BL	1009060000	D.88	ZP 2.5/1AN/QV/5	1815230000	D.85	ZPE 6 S	1808350000	D.67	ZQV 2.5/10	1608940000	D.14
ZP 2.5/1AN GN	1875180000	D.88	ZP 2.5/1AN/QV/6	1815240000	C.31	ZPE 6/3AN	7907400000	D.26	ZQV 2.5/10	1608940000	D.18
ZP 2.5/1AN ZA	1875190000	D.88	ZP 2.5/1AN/QV/6	1815240000	D.70	ZPE 6-2/2AN	1771370000	D.32	ZQV 2.5/10	1608940000	D.20
ZP 2.5/1AN ZA BL	1009070000	D.88	ZP 2.5/1AN/QV/6	1815240000	D.78	ZPE 6-2/3AN	1771360000	D.33	ZQV 2.5/10	1608940000	D.40
ZP 2.5/1AN ZA GN	1875200000	D.88	ZP 2.5/1AN/QV/6	1815240000	D.71	ZPEA 2.5-2	1720950000	D.99	ZQV 2.5/10	1608940000	D.42
ZP 2.5/1AN ZA O.RA	1875210000	D.88	ZP 2.5/1AN/QV/6	1815240000	D.85	ZPEA 2.5-2N	1808210000	D.100	ZQV 2.5/10	1608940000	D.46
ZP 2.5/1AN ZA O.RA BL	1972980000	D.88	ZP 2.5/1AN/QV/7	1815250000	D.70	ZPEB 2.5-2	1712810000	D.99	ZQV 2.5/10	1608940000	D.47
ZP 2.5/1AN ZA O.RA GN	1875220000	D.88	ZP 2.5/1AN/QV/7	1815250000	D.71	ZPS 2.5/1AN/QV/1	1861040000	D.89	ZQV 2.5/10	1608940000	D.52
ZP 2.5/1AN/1	1815430000	D.78	ZP 2.5/1AN/QV/7	1815250000	D.85	ZPS 2.5/1AN/QV/1	1865880000	D.86	ZQV 2.5/10	1608940000	D.6
ZP 2.5/1AN/1	1815430000	D.84	ZP 2.5/1AN/QV/8	1815260000	C.31	ZPS 2.5/1AN/QV/1 GN	1861050000	D.89	ZQV 2.5/10	1608940000	D.104
ZP 2.5/1AN/1 GN	1820580000	D.74	ZP 2.5/1AN/QV/8	1815260000	D.70	ZPS 2.5/1AN/QV/1 GN	1865890000	D.86	ZQV 2.5/10	1608940000	D.105
ZP 2.5/1AN/10	1815560000	D.84	ZP 2.5/1AN/QV/8	1815260000	D.78	ZPS 2.5/1AN/QV/10	1865980000	D.86	ZQV 2.5/10	1608940000	D.106
ZP 2.5/1AN/10 GN/BE	1867170000	D.84	ZP 2.5/1AN/QV/8	1815260000	D.71	ZPS 2.5/1AN/QV/11	1865990000	D.86	ZQV 2.5/10	1608940000	D.107
ZP 2.5/1AN/11	1815570000	D.84	ZP 2.5/1AN/QV/8	1815260000	D.85	ZPS 2.5/1AN/QV/12	1866000000	D.86	ZQV 2.5/10	1608940000	D.109
ZP 2.5/1AN/11 GN/BE	1867180000	D.84	ZP 2.5/1AN/QV/9	1815270000	D.70	ZPS 2.5/1AN/QV/13	1866010000	D.86	ZQV 2.5/10	1608940000	B.16
ZP 2.5/1AN/12	1815580000	D.84	ZP 2.5/1AN/QV/9	1815270000	D.71	ZPS 2.5/1AN/QV/14	1866020000	D.86	ZQV 2.5/10	1608940000	B.19
Z											



Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
ZQV 2.5/2	1608860000	B.15	ZQV 2.5/3	1608870000	B.15	ZQV 2.5/4	1608880000	D.54	ZQV 2.5N/4 BL	1718010000	E.125
ZQV 2.5/2	1608860000	B.17	ZQV 2.5/3	1608870000	B.17	ZQV 2.5/4	1608880000	D.60	ZQV 2.5N/4 GE	1693820000	D.71
ZQV 2.5/2	1608860000	B.18	ZQV 2.5/3	1608870000	B.18	ZQV 2.5/4	1608880000	D.62	ZQV 2.5N/4 GE	1693820000	D.70
ZQV 2.5/2	1608860000	B.21	ZQV 2.5/3	1608870000	B.21	ZQV 2.5/4	1608880000	D.7	ZQV 2.5N/4 GE	1693820000	D.78
ZQV 2.5/2	1608860000	B.22	ZQV 2.5/3	1608870000	B.22	ZQV 2.5/4	1608880000	D.92	ZQV 2.5N/4 GE	1693820000	D.100
ZQV 2.5/2	1608860000	B.23	ZQV 2.5/3	1608870000	B.23	ZQV 2.5/4	1608880000	D.93	ZQV 2.5N/4 GE	1693820000	D.125
ZQV 2.5/2	1608860000	B.4	ZQV 2.5/3	1608870000	B.24	ZQV 2.5/4	1608880000	E.30	ZQV 2.5N/4 GE	1693820000	D.53
ZQV 2.5/2	1608860000	B.24	ZQV 2.5/3	1608870000	B.4	ZQV 2.5/5	1608890000	B.31	ZQV 2.5N/4 GE	1693820000	D.72
ZQV 2.5/2	1608860000	B.25	ZQV 2.5/3	1608870000	B.25	ZQV 2.5/5	1608890000	C.43	ZQV 2.5N/4 GE	1693820000	D.80
ZQV 2.5/2	1608860000	B.5	ZQV 2.5/3	1608870000	B.5	ZQV 2.5/5	1608890000	D.124	ZQV 2.5N/4 GE	1693820000	D.99
ZQV 2.5/2	1608860000	C.14	ZQV 2.5/3	1608870000	C.14	ZQV 2.5/5/50	1697540000	D.92	ZQV 2.5N/4 GE	1693820000	E.125
ZQV 2.5/2	1608860000	C.18	ZQV 2.5/3	1608870000	C.18	ZQV 2.5/5/50	1697540000	D.93	ZQV 2.5N/4 GE	1693820000	E.14
ZQV 2.5/2	1608860000	C.20	ZQV 2.5/3	1608870000	C.20	ZQV 2.5/6	1608900000	B.31	ZQV 2.5N/4 GE	1693820000	E.16
ZQV 2.5/2	1608860000	C.22	ZQV 2.5/3	1608870000	C.22	ZQV 2.5/6	1608900000	C.43	ZQV 2.5N/4 GE	1693820000	E.17
ZQV 2.5/2	1608860000	C.23	ZQV 2.5/3	1608870000	C.23	ZQV 2.5/6	1608900000	D.124	ZQV 2.5N/4 GE	1693820000	E.29
ZQV 2.5/2	1608860000	C.35	ZQV 2.5/3	1608870000	C.35	ZQV 2.5/7	1608910000	B.31	ZQV 2.5N/4 GE	1693820000	E.4
ZQV 2.5/2	1608860000	C.6	ZQV 2.5/3	1608870000	C.6	ZQV 2.5/7	1608910000	C.43	ZQV 2.5N/4 GE	1693820000	E.5
ZQV 2.5/2	1608860000	C.7	ZQV 2.5/3	1608870000	C.7	ZQV 2.5/7	1608910000	D.124	ZQV 2.5N/4 RT	1717920000	E.125
ZQV 2.5/2	1608860000	D.41	ZQV 2.5/3	1608870000	D.41	ZQV 2.5/8	1608920000	B.31	ZQV 2.5N/4 SW	1718100000	E.125
ZQV 2.5/2	1608860000	D.14	ZQV 2.5/3	1608870000	D.14	ZQV 2.5/8	1608920000	C.43	ZQV 2.5N/5 BL	1718020000	E.125
ZQV 2.5/2	1608860000	D.18	ZQV 2.5/3	1608870000	D.18	ZQV 2.5/8	1608920000	D.124	ZQV 2.5N/5 GE	1693830000	D.125
ZQV 2.5/2	1608860000	D.20	ZQV 2.5/3	1608870000	D.20	ZQV 2.5/9	1608930000	B.31	ZQV 2.5N/5 GE	1693830000	E.125
ZQV 2.5/2	1608860000	D.40	ZQV 2.5/3	1608870000	D.40	ZQV 2.5/9	1608930000	C.43	ZQV 2.5N/5 RT	1717930000	E.125
ZQV 2.5/2	1608860000	D.42	ZQV 2.5/3	1608870000	D.42	ZQV 2.5/9	1608930000	D.124	ZQV 2.5N/5 SW	1718110000	E.125
ZQV 2.5/2	1608860000	D.46	ZQV 2.5/3	1608870000	D.46	ZQV 2.5N/10 BL	1718070000	E.125	ZQV 2.5N/50 GE	1693890000	D.100
ZQV 2.5/2	1608860000	D.47	ZQV 2.5/3	1608870000	D.47	ZQV 2.5N/10 GE	1693880000	D.71	ZQV 2.5N/50 GE	1693890000	D.99
ZQV 2.5/2	1608860000	D.52	ZQV 2.5/3	1608870000	D.52	ZQV 2.5N/10 GE	1693880000	D.70	ZQV 2.5N/6 BL	1718030000	E.125
ZQV 2.5/2	1608860000	D.6	ZQV 2.5/3	1608870000	D.6	ZQV 2.5N/10 GE	1693880000	D.78	ZQV 2.5N/6 GE	1693840000	D.125
ZQV 2.5/2	1608860000	B.16	ZQV 2.5/3	1608870000	D.104	ZQV 2.5N/10 GE	1693880000	D.85	ZQV 2.5N/6 GE	1693840000	E.125
ZQV 2.5/2	1608860000	B.19	ZQV 2.5/3	1608870000	D.105	ZQV 2.5N/10 GE	1693880000	D.100	ZQV 2.5N/6 RT	1717940000	E.125
ZQV 2.5/2	1608860000	B.31	ZQV 2.5/3	1608870000	D.106	ZQV 2.5N/10 GE	1693880000	D.125	ZQV 2.5N/6 SW	1718120000	E.125
ZQV 2.5/2	1608860000	B.7	ZQV 2.5/3	1608870000	D.107	ZQV 2.5N/10 GE	1693880000	D.53	ZQV 2.5N/7 BL	1718040000	E.125
ZQV 2.5/2	1608860000	C.15	ZQV 2.5/3	1608870000	D.109	ZQV 2.5N/10 GE	1693880000	D.72	ZQV 2.5N/7 GE	1693850000	D.125
ZQV 2.5/2	1608860000	D.104	ZQV 2.5/3	1608870000	B.16	ZQV 2.5N/10 GE	1693880000	D.80	ZQV 2.5N/7 GE	1693850000	E.125
ZQV 2.5/2	1608860000	C.28	ZQV 2.5/3	1608870000	B.19	ZQV 2.5N/10 GE	1693880000	D.86	ZQV 2.5N/7 RT	1717950000	E.125
ZQV 2.5/2	1608860000	C.31	ZQV 2.5/3	1608870000	B.31	ZQV 2.5N/10 GE	1693880000	D.99	ZQV 2.5N/7 SW	1718130000	E.125
ZQV 2.5/2	1608860000	C.34	ZQV 2.5/3	1608870000	C.15	ZQV 2.5N/10 GE	1693880000	E.125	ZQV 2.5N/8 BL	1718050000	E.125
ZQV 2.5/2	1608860000	C.43	ZQV 2.5/3	1608870000	C.28	ZQV 2.5N/10 GE	1693880000	E.14	ZQV 2.5N/8 GE	1693860000	D.125
ZQV 2.5/2	1608860000	D.105	ZQV 2.5/3	1608870000	C.31	ZQV 2.5N/10 GE	1693880000	E.16	ZQV 2.5N/8 GE	1693860000	E.125
ZQV 2.5/2	1608860000	D.106	ZQV 2.5/3	1608870000	C.34	ZQV 2.5N/10 GE	1693880000	E.17	ZQV 2.5N/8 RT	1717960000	E.125
ZQV 2.5/2	1608860000	D.107	ZQV 2.5/3	1608870000	C.43	ZQV 2.5N/10 GE	1693880000	E.29	ZQV 2.5N/8 SW	1718140000	E.125
ZQV 2.5/2	1608860000	D.109	ZQV 2.5/3	1608870000	D.124	ZQV 2.5N/10 GE	1693880000	E.4	ZQV 2.5N/9 BL	1718060000	E.125
ZQV 2.5/2	1608860000	D.11	ZQV 2.5/3	1608870000	D.19	ZQV 2.5N/10 GE	1693880000	E.5	ZQV 2.5N/9 GE	1693870000	D.125
ZQV 2.5/2	1608860000	D.124	ZQV 2.5/3	1608870000	D.36	ZQV 2.5N/10 RT	1717980000	E.125	ZQV 2.5N/9 GE	1693870000	E.125
ZQV 2.5/2	1608860000	D.17	ZQV 2.5/3	1608870000	D.53	ZQV 2.5N/10 SW	1718160000	E.125	ZQV 2.5N/9 RT	1717970000	E.125
ZQV 2.5/2	1608860000	D.19	ZQV 2.5/3	1608870000	D.54	ZQV 2.5N/2 BL	1717990000	E.125	ZQV 2.5N/9 SW	1718150000	E.125
ZQV 2.5/2	1608860000	D.36	ZQV 2.5/3	1608870000	D.60	ZQV 2.5N/2 GE	1693800000	D.71	ZQV 35/2	1739700000	D.12
ZQV 2.5/2	1608860000	D.53	ZQV 2.5/3	1608870000	D.62	ZQV 2.5N/2 GE	1693800000	D.70	ZQV 35/2	1739700000	D.125
ZQV 2.5/2	1608860000	D.54	ZQV 2.5/3	1608870000	D.7	ZQV 2.5N/2 GE	1693800000	D.78	ZQV 35-10	7920100000	D.124
ZQV 2.5/2	1608860000	D.60	ZQV 2.5/3	1608870000	D.92	ZQV 2.5N/2 GE	1693800000	D.85	ZQV 35-16	7920120000	D.124
ZQV 2.5/2	1608860000	D.62	ZQV 2.5/3	1608870000	D.93	ZQV 2.5N/2 GE	1693800000	D.100	ZQV 4/10 GE	1609030000	C.24
ZQV 2.5/2	1608860000	D.7	ZQV 2.5/3	1608870000	E.30	ZQV 2.5N/2 GE	1693800000	D.125	ZQV 4/10 GE	1609030000	C.8
ZQV 2.5/2	1608860000	D.92	ZQV 2.5/4	1608880000	B.11	ZQV 2.5N/2 GE	1693800000	D.53	ZQV 4/10 GE	1609030000	C.9
ZQV 2.5/2	1608860000	D.93	ZQV 2.5/4	1608880000	B.12	ZQV 2.5N/2 GE	1693800000	D.72	ZQV 4/10 GE	1609030000	D.15
ZQV 2.5/2	1608860000	E.30	ZQV 2.5/4	1608880000	B.14	ZQV 2.5N/2 GE	1693800000	D.80	ZQV 4/10 GE	1609030000	D.16
ZQV 2.5/20	1908960000	B.11	ZQV 2.5/4	1608880000	B.15	ZQV 2.5N/2 GE	1693800000	D.86	ZQV 4/10 GE	1609030000	D.48
ZQV 2.5/20	1908960000	B.12	ZQV 2.5/4	1608880000	B.17	ZQV 2.5N/2 GE	1693800000	D.99	ZQV 4/10 GE	1609030000	D.49
ZQV 2.5/20	1908960000	B.14	ZQV 2.5/4	1608880000	B.18	ZQV 2.5N/2 GE	1693800000	E.125	ZQV 4/10 GE	1609030000	D.108
ZQV 2.5/20	1908960000	B.15	ZQV 2.5/4	1608880000	B.21	ZQV 2.5N/2 GE	1693800000	E.14	ZQV 4/10 GE	1609030000	D.8
ZQV 2.5/20	1908960000	B.17	ZQV 2.5/4	1608880000	B.22	ZQV 2.5N/2 GE	1693800000	E.16	ZQV 4/10 GE	1609030000	C.19
ZQV 2.5/20	1908960000	B.18	ZQV 2.5/4	1608880000	B.23	ZQV 2.5N/2 GE	1693800000	E.17	ZQV 4/10 GE	1609030000	C.21
ZQV 2.5/20	1908960000	B.4	ZQV 2.5/4	1608880000	B.24	ZQV 2.5N/2 GE	1693800000	E.29	ZQV 4/10 GE	1609030000	C.23
ZQV 2.5/20	1908960000	B.5	ZQV 2.5/4	1608880000	B.4	ZQV 2.5N/2 GE	1693800000	E.4	ZQV 4/10 GE	1609030000	C.43
ZQV 2.5/20	1908960000	C.14	ZQV 2.5/4	1608880000	B.25	ZQV 2.5N/2 GE	1693800000	E.5	ZQV 4/10 GE	1609030000	D.124
ZQV 2.5/20	1908960000	C.22	ZQV 2.5/4	1608880000	B.5	ZQV 2.5N/2 RT	1717900000	E.125	ZQV 4/10 GE	1609030000	D.60
ZQV 2.5/20	1908960000	C.23	ZQV 2.5/4	1608880000	C.14	ZQV 2.5N/2 SW	1718080000	E.125	ZQV 4/10 GE	1609030000	D.62
ZQV 2.5/20	1908960000	C.35	ZQV 2.5/4	1608880000	C.18	ZQV 2.5N/20 BL	1909140000	E.125	ZQV 4/10 GE	1609030000	D.9
ZQV 2.5/20	1908960000	C.6	ZQV 2.5/4	1608880000	C.20	ZQV 2.5N/20 GE	1909000000	D.71	ZQV 4/2 GE	1608950000	C.24
ZQV 2.5/20	1908960000	C.7	ZQV 2.5/4	1608880000	C.22	ZQV 2.5N/20 GE	1909000000	D.70	ZQV 4/2 GE	1608950000	C.8
ZQV 2.5/20	1908960000	D.41	ZQV 2.5/4	1608880000	C.23	ZQV 2.5N/20 GE	1909000000	D.78	ZQV 4/2 GE	1608950000	C.9
ZQV 2.5/20	1908960000	D.14	ZQV 2.5/4	1608880000	C.35	ZQV 2.5N/20 GE	1909000000	E.16	ZQV 4/2 GE	1608950000	D.15
ZQV 2.5/20	1908960000	D.18	ZQV 2.5/4	1608880000	C.6	ZQV 2.5N/20 GE	1909000000	E.4	ZQV 4/2 GE	1608950000	D.16
ZQV 2.5/20	1908960000	D.20	ZQV 2.5/4	1608880000	C.7	ZQV 2.5N/20 GE	1909000000	E.5	ZQV 4/2 GE	1608950000	D.48
ZQV 2.5/20	1908960000	D.40	ZQV 2.5/4	1608880000	D.41	ZQV 2.5N/20 GE	1909000000	D.72	ZQV 4/2 GE	1608950000	D.49
ZQV 2.5/20	1908960000	D.42	ZQV 2.5/4	1608880000	D.14	ZQV 2.5N/20 GE	1909000000	E.125	ZQV 4/2 GE	1608950000	D.108
ZQV 2.5/20	1908960000	D.46	ZQV 2.5/4	1608880000	D.18	ZQV 2.5N/20 GE	1909000000	E.14	ZQV 4/2 GE	1608950000	D.73
ZQV 2.5/20	1908960000	D.47	ZQV 2.5/4	1608880000	D.20	ZQV 2.5N/20 GE	1909000000	E.17	ZQV 4/2 GE	1608950000	D.8
ZQV 2.5/20	1908960000	D.6	ZQV 2.5/4	1608880000	D.40	ZQV 2.5N/20 RT	1909110000	E.125	ZQV 4/2 GE	1608950000	C.19
ZQV 2.5/20	1908960000	D.104	ZQV 2.5/4	1608880000	D.42	ZQV 2.5N/20 SW	1909130000	E.125	ZQV 4/2 GE	1608950000	C.21
ZQV 2.5/20	1908960000	D.105	ZQV 2.5/4	1608880000	D.46	ZQV 2.5N/3 BL	1718000000	E.125	ZQV 4/2 GE	1608950000	C.23
ZQ											

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
ZQV 4/20 GE	1909010000	D.9	ZQV 4N/3 GE	1762630000	E.32	ZRH 1.5H/1	1678810000	D.15	ZSI 2.5/LD 120AC	1616420000	D.56
ZQV 4/3 GE	1608960000	C.24	ZQV 4N/3 GE	1762630000	E.33	ZRH 1.5H/1	1678810000	D.19	ZSI 2.5/LD 250AC	1616410000	D.56
ZQV 4/3 GE	1608960000	C.8	ZQV 4N/3 GE	1762630000	E.35	ZRH 1.5H/1	1678810000	D.31	ZSI 2.5/LD 28AC	1616440000	D.56
ZQV 4/3 GE	1608960000	C.9	ZQV 4N/3 GE	1762630000	E.6	ZRH 1.5H/1	1678810000	D.35	ZSI 2.5/LD 60AC	1616430000	D.56
ZQV 4/3 GE	1608960000	D.15	ZQV 4N/3 GE	1762630000	E.64	ZRH 1.5H/1	1678810000	D.44	ZSI 2.5-2/2X2AN/G20	1826050000	D.58
ZQV 4/3 GE	1608960000	D.16	ZQV 4N/3 GE	1762630000	E.65	ZRH 1.5H/1	1678810000	D.50	ZSI 2.5-2/2X2AN/G20/LD1	1867440000	D.58
ZQV 4/3 GE	1608960000	D.48	ZQV 4N/3 GE	1762630000	E.66	ZRH 1.5H/2	1678800000	D.41	ZSI 2.5-2/2X2AN/G20/LD2	1867430000	D.58
ZQV 4/3 GE	1608960000	D.49	ZQV 4N/3 GE	1762630000	E.67	ZRH 1.5H/2	1678800000	D.14	ZSI 2.5-2/2X2AN/G20/LD3	1867420000	D.58
ZQV 4/3 GE	1608960000	D.108	ZQV 4N/3 GE	1762630000	E.68	ZRH 1.5H/2	1678800000	D.18	ZSI 2.5-2/2X2AN/G20/LD4	1879730000	D.58
ZQV 4/3 GE	1608960000	D.8	ZQV 4N/3 RT	1793980000	E.125	ZRH 1.5H/2	1678800000	D.20	ZSI 6-2 2X2.5/G20	1820930000	D.58
ZQV 4/3 GE	1608960000	C.19	ZQV 4N/3 SW	1794000000	E.125	ZRH 1.5H/2	1678800000	D.30	ZSI 6-2 2X2.5/G20/LD1	1867500000	D.58
ZQV 4/3 GE	1608960000	C.21	ZQV 4N/4 BL	1794200000	E.125	ZRH 1.5H/2	1678800000	D.34	ZSI 6-2 2X2.5/G20/LD2	1867490000	D.58
ZQV 4/3 GE	1608960000	C.23	ZQV 4N/4 GE	1762620000	E.7	ZRH 1.5H/2	1678800000	D.36	ZSI 6-2 2X2.5/G20/LD3	1867480000	D.58
ZQV 4/3 GE	1608960000	C.43	ZQV 4N/4 GE	1762620000	E.31	ZRH 1.5H/2	1678800000	D.40	ZSI 6-2 2X2.5/G20/LD4	1879750000	D.58
ZQV 4/3 GE	1608960000	D.11	ZQV 4N/4 GE	1762620000	E.125	ZRH 1.5H/2	1678800000	D.42	ZSI 6-2/FC	1814690000	D.59
ZQV 4/3 GE	1608960000	D.124	ZQV 4N/4 GE	1762620000	E.17	ZRH 1.5H/2	1678800000	D.43	ZSI 6-2/FC LD	1814700000	D.59
ZQV 4/3 GE	1608960000	D.17	ZQV 4N/4 GE	1762620000	E.18	ZRH 1.5H/2	1678800000	D.46	ZST	1678680000	D.139
ZQV 4/3 GE	1608960000	D.60	ZQV 4N/4 GE	1762620000	E.32	ZRH 1.5H/2	1678800000	D.47	ZT 2.5/2AN/1	1815070000	D.70
ZQV 4/3 GE	1608960000	D.62	ZQV 4N/4 GE	1762620000	E.33	ZRH 1.5H/2	1678800000	D.104	ZT 2.5/2X2AN	1967200000	D.71
ZQV 4/3 GE	1608960000	D.9	ZQV 4N/4 GE	1762620000	E.35	ZRH 1.5H/2	1678800000	D.105	ZT 2.5/3AN/1	1815090000	D.70
ZQV 4/4 GE	1608970000	C.24	ZQV 4N/4 GE	1762620000	E.6	ZRH 1.5H/2	1678800000	D.106	ZT 2.5/4AN/2	1815110000	D.71
ZQV 4/4 GE	1608970000	C.8	ZQV 4N/4 GE	1762620000	E.64	ZRH 1.5H/2	1678800000	D.107	ZT 2.5/4AN/4	1815130000	D.71
ZQV 4/4 GE	1608970000	C.9	ZQV 4N/4 GE	1762620000	E.65	ZRH 1.5H/2	1678800000	D.109	ZT 4/2AN/1	1854960000	D.73
ZQV 4/4 GE	1608970000	D.15	ZQV 4N/4 GE	1762620000	E.66	ZRH 1.5H/2	1678800000	D.138	ZT 4/4AN/2	1848350000	D.73
ZQV 4/4 GE	1608970000	D.16	ZQV 4N/4 GE	1762620000	E.67	ZRH 1.5H/2	1678800000	D.15	ZTA 1	1609040000	D.23
ZQV 4/4 GE	1608970000	D.48	ZQV 4N/4 GE	1762620000	E.68	ZRH 1.5H/2	1678800000	D.19	ZTA 1	1609040000	D.52
ZQV 4/4 GE	1608970000	D.49	ZQV 4N/4 RT	1794010000	E.125	ZRH 1.5H/2	1678800000	D.31	ZTA 1	1609040000	D.6
ZQV 4/4 GE	1608970000	D.108	ZQV 4N/4 SW	1794030000	E.125	ZRH 1.5H/2	1678800000	D.35	ZTA 1	1609040000	D.7
ZQV 4/4 GE	1608970000	D.8	ZQV 6/2 GE	1627850000	D.17	ZRH 1.5H/2	1678800000	D.44	ZTA 1	1609040000	D.134
ZQV 4/4 GE	1608970000	C.19	ZQV 6/2 GE	1627850000	D.56	ZRH 1.5H/2	1678800000	D.50	ZTA 1	1609040000	D.24
ZQV 4/4 GE	1608970000	C.21	ZQV 6/2 GE	1627850000	D.111	ZRH 1.5N/1	1632140000	D.93	ZTA 1/2A	1609050000	D.23
ZQV 4/4 GE	1608970000	C.23	ZQV 6/2 GE	1627850000	D.9	ZRH 1.5N/1	1632140000	D.138	ZTA 1/2A	1609050000	D.52
ZQV 4/4 GE	1608970000	C.43	ZQV 6/2 GE	1627850000	D.125	ZRH 1.5N/1	1632140000	D.92	ZTA 1/2A	1609050000	D.6
ZQV 4/4 GE	1608970000	D.124	ZQV 6/2 GE	1627850000	D.54	ZRH 1.5N/2	1632130000	D.93	ZTA 1/2A	1609050000	D.7
ZQV 4/4 GE	1608970000	D.60	ZQV 6/2 GE	1627850000	D.58	ZRH 1.5N/2	1632130000	D.138	ZTA 1/2A	1609050000	D.134
ZQV 4/4 GE	1608970000	D.62	ZQV 6/2 GE	1627850000	D.59	ZRH 1.5N/2	1632130000	D.92	ZTA 1/2A	1609050000	D.24
ZQV 4/4 GE	1608970000	D.9	ZQV 6/2 GE	1627850000	D.61	ZRH 1.5N/3	1632120000	D.138	ZTA 2 ZDU4	1609060000	D.25
ZQV 4/5 GE	1608980000	C.43	ZQV 6/2 GE	1627850000	D.63	ZRH 1.5S/1	1781950000	D.22	ZTA 2 ZDU4	1609060000	D.8
ZQV 4/5 GE	1608980000	D.124	ZQV 6/24 GE	1908990000	D.17	ZRH 1.5S/1	1781950000	D.38	ZTA 2 ZDU4	1609060000	D.134
ZQV 4/6 GE	1608990000	C.43	ZQV 6/24 GE	1908990000	D.9	ZRH 1.5S/1	1781950000	D.4	ZTA 2 ZDU4	1609060000	D.24
ZQV 4/6 GE	1608990000	D.124	ZQV 6/24 GE	1908990000	D.54	ZRH 1.5S/1	1781950000	D.5	ZTA 2 ZDU4	1609060000	D.9
ZQV 4/7 GE	1609000000	C.43	ZQV 6/24 GE	1908990000	D.61	ZRH 1.5S/1	1781950000	D.138	ZTA 2/2A ZDU4	1609070000	D.25
ZQV 4/7 GE	1609000000	D.124	ZQV 6/24 GE	1908990000	D.63	ZRH 1.5S/1	1781950000	D.23	ZTA 2/2A ZDU4	1609070000	D.8
ZQV 4/8 GE	1609010000	C.43	ZQV 6/3 GE	1627860000	D.17	ZRH 1.5S/1	1781950000	D.29	ZTA 2/2A ZDU4	1609070000	D.134
ZQV 4/8 GE	1609010000	D.124	ZQV 6/3 GE	1627860000	D.56	ZRH 1.5S/1	1781950000	D.44	ZTA 2/2A ZDU4	1609070000	D.24
ZQV 4/9 GE	1609020000	C.43	ZQV 6/3 GE	1627860000	D.111	ZRH 1.5S/2	1781960000	D.22	ZTA 2/2A ZDU4	1609070000	D.9
ZQV 4/9 GE	1609020000	D.124	ZQV 6/3 GE	1627860000	D.9	ZRH 1.5S/2	1781960000	D.38	ZTA 3 ZDU6	1654050000	D.26
ZQV 4N/10 BL	1794050000	E.125	ZQV 6/3 GE	1627860000	D.125	ZRH 1.5S/2	1781960000	D.4	ZTA 3 ZDU6	1654050000	D.9
ZQV 4N/10 GE	1758260000	E.7	ZQV 6/3 GE	1627860000	D.54	ZRH 1.5S/2	1781960000	D.5	ZTA 3 ZDU6	1654050000	D.134
ZQV 4N/10 GE	1758260000	E.31	ZQV 6/3 GE	1627860000	D.59	ZRH 1.5S/2	1781960000	D.138	ZTA 3 ZDU6	1654050000	D.5
ZQV 4N/10 GE	1758260000	E.125	ZQV 6/3 GE	1627860000	D.61	ZRH 1.5S/2	1781960000	D.23	ZTA 4	1688110000	D.41
ZQV 4N/10 GE	1758260000	E.17	ZQV 6/3 GE	1627860000	D.63	ZRH 1.5S/2	1781960000	D.39	ZTA 4	1688110000	D.14
ZQV 4N/10 GE	1758260000	E.18	ZQV 6/32 GE	1733640000	D.110	ZRH 1.5S/2	1781960000	D.44	ZTA 4	1688110000	D.30
ZQV 4N/10 GE	1758260000	E.32	ZQV 6/32 GE	1733640000	D.125	ZRH 2.5/1 WS	1614300000	D.23	ZTA 4	1688110000	D.40
ZQV 4N/10 GE	1758260000	E.33	ZQV 6/4 GE	1627870000	D.17	ZRH 2.5/1 WS	1614300000	D.6	ZTA 4	1688110000	D.42
ZQV 4N/10 GE	1758260000	E.35	ZQV 6/4 GE	1627870000	D.56	ZRH 2.5/1 WS	1614300000	D.102	ZTA 4	1688110000	D.46
ZQV 4N/10 GE	1758260000	E.6	ZQV 6/4 GE	1627870000	D.111	ZRH 2.5/1 WS	1614300000	D.103	ZTA 4	1688110000	D.47
ZQV 4N/10 GE	1758260000	E.64	ZQV 6/4 GE	1627870000	D.9	ZRH 2.5/1 WS	1614300000	D.7	ZTA 4	1688110000	D.105
ZQV 4N/10 GE	1758260000	E.65	ZQV 6/4 GE	1627870000	D.11	ZRH 2.5/1 WS	1614300000	D.138	ZTA 4	1688110000	D.135
ZQV 4N/10 GE	1758260000	E.66	ZQV 6/4 GE	1627870000	D.125	ZRH 2.5/1 WS	1614300000	D.24	ZTA 4	1688110000	D.15
ZQV 4N/10 GE	1758260000	E.67	ZQV 6/4 GE	1627870000	D.54	ZRH 2.5/2 GR/V0	1614290000	D.23	ZTA 4	1688110000	D.31
ZQV 4N/10 GE	1758260000	E.68	ZQV 6/4 GE	1627870000	D.59	ZRH 2.5/2 GR/V0	1614290000	D.6	ZTA 4	1688110000	D.44
ZQV 4N/10 RT	1794040000	E.125	ZQV 6/4 GE	1627870000	D.61	ZRH 2.5/2 GR/V0	1614290000	D.102	ZTA 4	1688110000	D.50
ZQV 4N/10 SW	1794060000	E.125	ZQV 6/4 GE	1627870000	D.63	ZRH 2.5/2 GR/V0	1614290000	D.103	ZTA 5	1776210000	D.22
ZQV 4N/2 BL	1793960000	E.125	ZQV 6N/2	1906210000	B.19	ZRH 2.5/2 GR/V0	1614290000	D.7	ZTA 5	1776210000	D.38
ZQV 4N/2 GE	1758250000	E.7	ZQV 6N/2	1906210000	B.31	ZRH 2.5/2 GR/V0	1614290000	D.138	ZTA 5	1776210000	D.4
ZQV 4N/2 GE	1758250000	E.31	ZQV 6N/2	1906210000	B.5	ZRH 2.5/2 GR/V0	1614290000	D.24	ZTA 5	1776210000	D.5
ZQV 4N/2 GE	1758250000	E.125	ZQV 6N/2	1906210000	B.6	ZRH 2.5/3	1614280000	D.138	ZTA 5	1776210000	D.135
ZQV 4N/2 GE	1758250000	E.17	ZQV 6N/20	1906240000	B.19	ZRH 4/1 WS	1636640000	D.25	ZTA 5	1776210000	D.23
ZQV 4N/2 GE	1758250000	E.18	ZQV 6N/20	1906240000	B.31	ZRH 4/1 WS	1636640000	D.31	ZTA 5	1776210000	D.39
ZQV 4N/2 GE	1758250000	E.32	ZQV 6N/20	1906240000	B.5	ZRH 4/1 WS	1636640000	D.8	ZTA 5	1776210000	D.44
ZQV 4N/2 GE	1758250000	E.33	ZQV 6N/20	1906240000	B.6	ZRH 4/1 WS	1636640000	D.138	ZTA 5/2A	1776220000	D.22
ZQV 4N/2 GE	1758250000	E.35	ZQV 6N/3	1906220000	B.19	ZRH 4/1 WS	1636640000	D.24	ZTA 5/2A	1776220000	D.38
ZQV 4N/2 GE	1758250000	E.6	ZQV 6N/3	1906220000	B.31	ZRH 4/1 WS	1636640000	D.32	ZTA 5/2A	1776220000	D.4
ZQV 4N/2 GE	1758250000	E.64	ZQV 6N/3	1906220000	B.5	ZRH 4/1 WS	1636640000	D.9	ZTA 5/2A	1776220000	D.5
ZQV 4N/2 GE	1758250000	E.65	ZQV 6N/3	1906220000	B.6	ZRH 4/2	1636650000	D.25	ZTA 5/2A	1776220000	D.135
ZQV 4N/2 GE	1758250000	E.66	ZQV 6N/3	1906220000	B.7	ZRH 4/2	1636650000	D.31	ZTA 5/2A	1776220000	D.23
ZQV 4N/2 GE	1758250000	E.67	ZQV 6N/4	1906230000	B.19	ZRH 4/2	1636650000	D.8	ZTA 5/2A	1776220000	D.39
ZQV 4N/2 GE	1758250000	E.68	ZQV 6N/4	1906230000	B.31	ZRH 4/2	1636650000	D.138	ZTA 5/2A	1776220000	D.44
ZQV 4N/2 RT	1793950000	E.125	ZQV 6N/4	1906230000	B.5	ZRH 4/2	1636650000	D.24	ZTA 6/2A	1780660000	D.15
ZQV 4N/2 SW	1793970000	E.125	ZQV 6N/4	1906230000	B.6	ZRH 4/2	1636650000	D.32	ZTA 6/2A	1780660000	D.16
ZQV 4N/20 BL	1909100000	E.125	ZR WPO4 DB	1071100000	E.81	ZRH 4/2	1636650000	D.9	ZTA 6/2A	1780660000	D.31
ZQV 4N/20 GE	1909020000	E.7	ZRH 1.5H/1	1678810000	D.41	ZRH 4/3	1636660000	D.138	ZTA 6/2A	1780660000	D.48
ZQ											

Type	Order No.	Page	Type	Order No.	Page
ZTA ZT2.5	1827080000	D.78	ZZE ZP2.5	1816140000	D.129
ZTA ZT2.5	1827080000	D.84	ZZE ZP2.5	1816140000	D.79
ZTA ZT2.5	1827080000	D.85	ZZE ZP2.5/4	1866220000	D.126
ZTA ZT2.5	1827080000	D.126	ZZE ZP2.5/4	1866220000	D.129
ZTA ZT2.5	1827080000	D.134	ZZE ZP2.5/8	1866230000	D.126
ZTA ZT2.5	1827080000	D.19	ZZE ZP2.5/8	1866230000	D.129
ZTA ZT2.5	1827080000	D.35	ZZE ZP4	1855260000	D.73
ZTA ZT2.5	1827080000	D.79	ZZE ZP4	1855260000	D.76
ZTA ZT2.5	1827080000	D.86	ZZE ZP4	1855260000	D.127
ZTA ZT2.5/ZA	1847600000	D.18			
ZTA ZT2.5/ZA	1847600000	D.20			
ZTA ZT2.5/ZA	1847600000	D.34			
ZTA ZT2.5/ZA	1847600000	D.36			
ZTA ZT2.5/ZA	1847600000	D.71			
ZTA ZT2.5/ZA	1847600000	D.70			
ZTA ZT2.5/ZA	1847600000	D.74			
ZTA ZT2.5/ZA	1847600000	D.75			
ZTA ZT2.5/ZA	1847600000	D.78			
ZTA ZT2.5/ZA	1847600000	D.126			
ZTA ZT2.5/ZA	1847600000	D.134			
ZTA ZT2.5/ZA	1847600000	D.19			
ZTA ZT2.5/ZA	1847600000	D.35			
ZTA ZT2.5/ZA	1847600000	D.79			
ZTC 2.5/4AN/4	1898450000	D.72			
ZTCPE 2.5/4AN/4	1898480000	D.75			
ZTD 6	1771810000	D.110			
ZTD 6	1771810000	D.111			
ZTD 6/STB	1771960000	D.111			
ZTL 6	1771800000	D.110			
ZTL 6	1771800000	D.111			
ZTL 6/STB	1771950000	D.111			
ZTPE 2.5/2AN/1	1815080000	D.74			
ZTPE 2.5/3AN/1	1815100000	D.74			
ZTPE 2.5/4AN/2	1815120000	D.75			
ZTPE 2.5/4AN/4	1815140000	D.75			
ZTPE 4/2AN/1	1854970000	D.76			
ZTPE 4/4AN/2	1848330000	D.76			
ZTR 2.5	1831280000	D.52			
ZTR 2.5 BL	8731710000	D.52			
ZTR 2.5 OR	8731680000	D.144			
ZTR 2.5/3AN	8731720000	D.52			
ZTR 2.5/3AN BL	8731730000	D.52			
ZTR 2.5/3AN OR	8731690000	D.144			
ZTR 2.5/3AN/O.TNHE	8728450000	D.52			
ZTR 2.5/4AN	7920900000	D.53			
ZTR 2.5/4AN BL	7920930000	D.53			
ZTR 2.5/4AN OR	7920940000	D.144			
ZTR 2.5/4AN/O.TNHE	7920950000	D.53			
ZTR 2.5/O.TNHE	1831130000	D.52			
ZTR 2.5-2	1779010000	D.54			
ZTR 2.5-2 BL	1779120000	D.54			
ZTR 2.5-2 OR	1779130000	D.144			
ZTR 2.5-2/O.TNHE	1779020000	D.54			
ZTR 6-2	1023830000	D.54			
ZTR 6-2 E / 230V UC	8817930000	D.55			
ZTR 6-2 E / 24V DC	8817920000	D.55			
ZTRR 2.5	1865510000	D.80			
ZTRR 2.5/O. TNHE	1905470000	D.80			
ZTW ZDUB	1704340000	D.116			
ZTW ZTL6	1771870000	D.111			
ZTW ZTL6	1771870000	D.110			
ZTW ZTL6	1771870000	D.117			
ZTW ZTL6 OR	1771880000	D.117			
ZVL 1.5	1649300000	D.92			
ZVL 1.5	1649300000	D.93			
ZVL 1.5 BL	1650360000	D.92			
ZVL 1.5 BL	1650360000	D.93			
ZVL 1.5 BR	1650370000	D.92			
ZVL 1.5 BR	1650370000	D.93			
ZVL 1.5 O.QV	1711930000	D.92			
ZVL 1.5 O.QV	1711930000	D.93			
ZVL 1.5/PE GN/GE BED	1651970000	D.92			
ZVL 1.5/PE GN/GE BED	1651970000	D.93			
ZVLA RC ZPS2.5	1866260000	D.131			
ZVLA SC ZPS2.5	1866240000	D.131			
ZVLA1 ZPS2.5	1866250000	D.129			
ZVQ 2.5/1.5	1720700000	D.125			
ZVR ZP2.5	1816130000	C.31			
ZVR ZP2.5	1816130000	D.71			
ZVR ZP2.5	1816130000	D.70			
ZVR ZP2.5	1816130000	D.74			
ZVR ZP2.5	1816130000	D.75			
ZVR ZP2.5	1816130000	D.78			
ZVR ZP2.5	1816130000	D.126			
ZVR ZP2.5	1816130000	D.129			
ZVR ZP2.5	1816130000	D.79			
ZVR ZP4	1855250000	D.73			
ZVR ZP4	1855250000	D.76			
ZVR ZP4	1855250000	D.127			
ZVR ZPS2.5	1878620000	D.126			
ZVR ZPS2.5	1878620000	D.129			
ZZA 2.5	1646690000	D.139			
ZZA 2.5/ZA	1649350000	D.139			
ZZE ZP2.5	1816140000	C.31			
ZZE ZP2.5	1816140000	D.71			
ZZE ZP2.5	1816140000	D.70			
ZZE ZP2.5	1816140000	D.74			
ZZE ZP2.5	1816140000	D.75			
ZZE ZP2.5	1816140000	D.78			
ZZE ZP2.5	1816140000	D.126			

Order No.	Type	Page
<b>010000000</b>		
0101700000	TST 2/M6	G.30
0103000000	BFSC M4X9T	E.42
0103000000	BFSC M4X9T	E.43
0103000000	BFSC M4X9T	G.20
<b>011000000</b>		
0117500000	TS 15X5/LL 2M/ST/ZN	G.26
0117510000	TS 15X5/LL 1M/ST/ZN	G.26
<b>012000000</b>		
0122800000	TS 32X15 2M/ST/ZN	G.26
0124300000	H16,0/15	G.93
0124400000	H25,0/15	G.93
0124700000	H6,0/15	G.93
0124800000	H10,0/15	G.93
<b>013000000</b>		
0132660010	DEK 5 FW 10-500	G.39
0132961021	DEK 5 GS A	G.39
0132961022	DEK 5 GS B	G.39
0132961023	DEK 5 GS C	G.39
0132961024	DEK 5 GS D	G.39
0132961025	DEK 5 GS E	G.39
0132961026	DEK 5 GS F	G.39
0132961027	DEK 5 GS G	G.39
0132961028	DEK 5 GS H	G.39
0132961029	DEK 5 GS I	G.39
0132961030	DEK 5 GS J	G.39
0132961031	DEK 5 GS K	G.39
0132961032	DEK 5 GS L	G.39
0132961033	DEK 5 GS M	G.39
0132961034	DEK 5 GS N	G.39
0132961035	DEK 5 GS O	G.39
0132961036	DEK 5 GS P	G.39
0132961037	DEK 5 GS Q	G.39
0132961038	DEK 5 GS R	G.39
0132961039	DEK 5 GS S	G.39
0132961040	DEK 5 GS T	G.39
0132961041	DEK 5 GS U	G.39
0132961042	DEK 5 GS V	G.39
0132961043	DEK 5 GS W	G.39
0132961044	DEK 5 GS X	G.39
0132961045	DEK 5 GS Y	G.39
0132961046	DEK 5 GS Z	G.39
0133161114	DEK 5 FW U1-PE1	G.39
0133161115	DEK 5 FW U2-PE2	G.39
0133161116	DEK 5 FW U3-PE3	G.39
0133161117	DEK 5 FW U4-PE4	G.39
0133161118	DEK 5 FW U5-PE5	G.39
0133161119	DEK 5 FW U6-PE6	G.39
0133161120	DEK 5 FW U7-PE7	G.39
0133161121	DEK 5 FW U8-PE8	G.39
0133161122	DEK 5 FW U9-PE9	G.39
0133261150	DEK 5 FW X1-Z1	G.39
0133261151	DEK 5 FW X2-Z2	G.39
0133261152	DEK 5 FW X3-Z3	G.39
0133261153	DEK 5 FW X4-Z4	G.39
0133261154	DEK 5 FW X5-Z5	G.39
0133261155	DEK 5 FW X6-Z6	G.39
0133261156	DEK 5 FW X7-Z7	G.39
0133261157	DEK 5 FW X8-Z8	G.39
0133261158	DEK 5 FW X9-Z9	G.39
0133261159	DEK 5 FW X10-Z10	G.39
0133360001	DEK 6 FSZ 1-10	G.40
0133360011	DEK 6 FSZ 11-20	G.40
0133360021	DEK 6 FSZ 21-30	G.40
0133360031	DEK 6 FSZ 31-40	G.40
0133360041	DEK 6 FSZ 41-50	G.40
0133360051	DEK 6 FSZ 51-60	G.40
0133360061	DEK 6 FSZ 61-70	G.40
0133360071	DEK 6 FSZ 71-80	G.40
0133360081	DEK 6 FSZ 81-90	G.40
0133360091	DEK 6 FSZ 91-100	G.40
0134420000	KS 2 O.D2	G.14
0134500000	D2 KS2 TP	G.14
0134700000	TS 15X5 2M/AL/BK	G.26
0136400000	SS M4 D 128-A 4	E.42
0136400000	SS M4 D 128-A 4	E.43
0137400000	E 14/2A RS	E.138
0137400000	E 14/2A RS	E.42
0137500000	E 14/4A BR	E.138
0137500000	E 14/4A BR	E.42
0138000000	P 14/2 D01 RS SAKS4	E.139
0138000000	P 14/2 D01 RS SAKS4	E.42
0138100000	P 14/4 D01 BR SAKS4	E.139
0138100000	P 14/4 D01 BR SAKS4	E.42
<b>014000000</b>		
0140200000	STB 16/D7/4/M4 SAK35	E.133
0140320000	KS 4 O.D4	G.14
0140500000	D4 KS4 TP	G.14
0140620000	KS 6 O.D6	G.14
0140800000	D6 KS6 TP	G.14
0141620000	KS 10 O.D10	G.14

Order No.	Type	Page
0141800000	D10 KS10 TP	G.14
0142800000	ELSO 2 F.KS 2	G.14
0142900000	ELSO 4 F.KS 4	G.14
0143000000	ELSO 6 F.KS 6	G.14
0143100000	ELSO 10 F.KS 10	G.14
0143200000	ELSB 2 BEZ. 1-2	G.14
0143300000	ELSB 4 BEZ. 1-4	G.14
0143400000	ELSB 6 BEZ. 1-6	G.14
0143500000	ELSB 10 BEZ. 1-10	G.14
<b>015000000</b>		
0157261187	DEK 5 GS PE	G.39
0157261202	DEK 5 GS ERDE	G.39
0157261203	DEK 5 GS ERDE IM KREIS	G.39
<b>016000000</b>		
0164000000	TSTW 6/M6	G.30
0164400000	SS M3 D 128-A 3	E.40
0169300000	TS 32X15 2M/AL/BK	G.26
0169900000	STB 14/D6/4/M3 SAK10	E.133
0169900000	STB 14/D6/4/M3 SAK10	E.53
0169900000	STB 14/D6/4/M3 SAK10	E.57
0169900000	STB 14/D6/4/M3 SAK10	E.58
0169900000	STB 14/D6/4/M3 SAK10	E.62
<b>017000000</b>		
0178100000	TSTW 5/M5	G.30
<b>018000000</b>		
0180400000	PS 2.3 RT	B.14
0180400000	PS 2.3 RT	B.15
0180400000	PS 2.3 RT	B.16
0180400000	PS 2.3 RT	C.44
0180400000	PS 2.3 RT	D.135
0180400000	PS 2.3 RT	D.52
0180400000	PS 2.3 RT	D.53
0180400000	PS 2.3 RT	D.80
0180400000	PS 2.3 RT	E.133
0180400000	PS 2.3 RT	E.29
0180400000	PS 2.3 RT	E.30
0180400000	PS 2.3 RT	E.31
0180400000	PS 2.3 RT	E.32
0180400000	PS 2.3 RT	E.33
0180400000	PS 2.3 RT	E.96
0180400000	PS 2.3 RT	E.97
0181800000	BAL 2	G.72
0186100000	H2,5/12	G.93
0186500000	H1,5/10	G.93
<b>019000000</b>		
0191900000	H6,0/12	G.93
0192700000	G 25/2.00A/F BL	D.141
0192700000	G 25/2.00A/F BL	D.56
0192700000	G 25/2.00A/F BL	D.58
0192700000	G 25/2.00A/F BL	E.138
0192700000	G 25/2.00A/F BL	E.39
0192800000	G 25/4.00A/F BR	D.141
0192800000	G 25/4.00A/F BR	D.56
0192800000	G 25/4.00A/F BR	D.58
0192800000	G 25/4.00A/F BR	E.138
0192800000	G 25/4.00A/F BR	E.39
0192900000	G 25/6.30A/F GN	D.141
0192900000	G 25/6.30A/F GN	E.138
0193100000	G 25/10.0AM RT	D.141
0193100000	G 25/10.0AM RT	E.138
0194300000	QL 2 SAKGN	E.132
0194300000	QL 2 SAKGN	E.39
0194300000	QL 2 SAKGN	E.57
0194300000	QL 2 SAKGN	E.58
0194300000	QL 2 SAKGN	E.63
0194300000	QL 2 SAKGN	E.68
0194300000	QL 2 SAKGN	E.69
0194400000	QL 3 SAKGN	E.132
0194400000	QL 3 SAKGN	E.39
0194400000	QL 3 SAKGN	E.57
0194400000	QL 3 SAKGN	E.58
0194400000	QL 3 SAKGN	E.63
0194400000	QL 3 SAKGN	E.68
0194400000	QL 3 SAKGN	E.69
0194500000	QL 4 SAKGN	E.132
0194500000	QL 4 SAKGN	E.39
0194500000	QL 4 SAKGN	E.57
0194500000	QL 4 SAKGN	E.58
0194500000	QL 4 SAKGN	E.63
0194500000	QL 4 SAKGN	E.68
0194500000	QL 4 SAKGN	E.69
0195000000	QL 4 SAKGN	E.132
0197200000	BSTO 28/4 BK	G.15
0197200000	BSTO 28/4 BK	G.16
0197300000	BSTB 28/4 BK U 1-4	G.15
0197300000	BSTB 28/4 BK U 1-4	G.16
0197400000	BSTO 28/6 BK	G.15
0197400000	BSTO 28/6 BK	G.16
0197500000	BSTB 28/6 BK U 1-6	G.15
0197500000	BSTB 28/6 BK U 1-6	G.16
0198700000	BSTO 28/12 BK	G.15

Order No.	Type	Page
0198700000	BSTO 28/12 BK	G.16
0198800000	BSTB 28/12 BK U 1-12	G.15
0198800000	BSTB 28/12 BK U 1-12	G.16
0199360000	EWK 2	G.29
<b>020000000</b>		
0203500000	BSTO 28/2 BK	G.15
0203500000	BSTO 28/2 BK	G.16
0203600000	BSTB 28/2 BK U 1-2	G.15
0203600000	BSTB 28/2 BK U 1-2	G.16
0203700000	BSTO 28/3 BK	G.15
0203700000	BSTO 28/3 BK	G.16
0206160000	EWK 1	D.110
0206160000	EWK 1	E.53
0206160000	EWK 1	E.55
0206160000	EWK 1	E.60
0206160000	EWK 1	G.29
0207800000	QL 2 SAKS2	E.42
0207800000	QL 2 SAKS2	E.43
0207900000	QL 3 SAKS2	E.42
0207900000	QL 3 SAKS2	E.43
0208000000	QL 4 SAKS2	E.42
0208000000	QL 4 SAKS2	E.43
0208500000	E 16/10A RT TNDZ	E.138
0208500000	E 16/10A RT TNDZ	E.42
0208600000	E 16/16A GR TNDZ	E.138
0208600000	E 16/16A GR TNDZ	E.42
0208700000	E 16/20A BL TNDZ	E.138
0208700000	E 16/20A BL TNDZ	E.42
0208800000	E 16/25A GE TNDZ	E.138
0208800000	E 16/25A GE TNDZ	E.42
0208900000	P 16/10 RT SAKS2	E.139
0208900000	P 16/10 RT SAKS2	E.42
0209000000	P 16/16 GR SAKS2	E.139
0209000000	P 16/16 GR SAKS2	E.42
0209100000	P 16/20 BL SAKS2	E.139
0209100000	P 16/20 BL SAKS2	E.42
<b>021000000</b>		
0210800000	ADL	E.116
0215700000	STB 8.5/D4/2.3/M2.5 AKZ	E.133
0215700000	STB 8.5/D4/2.3/M2.5 AKZ	E.96
0215700000	STB 8.5/D4/2.3/M2.5 AKZ	E.97
0217900000	TS 15X5/LL 2M/AL/BK	G.26
<b>022000000</b>		
0220500000	QL 5 SAK6N	E.63
0220600000	QL 6 SAK6N	E.63
0221200000	QL 15 SAK6N	E.63
<b>023000000</b>		
0235000000	IS 8 DIN 6911	G.80
0235860000	DEK 5 FWZ 1,3,5-19	D.141
0235960000	DEK 5 FWZ 11,23,25-39	D.56
0236060000	DEK 5 FWZ 41,43,45-59	D.58
0236160000	DEK 5 FWZ 2,4,6-20	E.138
0236260000	DEK 5 FWZ 22,24,26-40	E.39
0236360000	DEK 5 FWZ 42,44,46-60	D.141
0236400000	TS 35X15 2M/ST/ZN	D.56
0236500000	TS 35X15/LL 2M/ST/ZN	D.58
0236510000	TS 35X15/LL 1M/ST/ZN	E.138
<b>024000000</b>		
0241260000	MK 2/12	D.141
0241760000	MF 2/12 1X2.8/1.6	E.138
0243520000	MK 3/12	E.132
0243820000	MK 5/2 O.DE	E.39
0244060000	D 2 MK5/2 PA/NA	E.57
0244100000	H4,0/12	E.58
0244220000	MK 4/16	E.63
0245400000	GZ 12,5A/FF	E.68
0245400000	GZ 12,5A/FF	E.69
0245600000	BSTO 28/12/6,35	E.132
0245700000	BSTB 28/12/6,35 U 1-12	E.39
0245800000	BSTO 28/12 MK	E.57
0245800000	BSTO 28/12 MK	E.58
0245900000	BSTB 28/12 MK U 1-12	E.63
0245900000	BSTB 28/12 MK U 1-12	E.68
0248500000	VH 13.5/4.9/3.3 SAK4	E.69
0249000000	VH 12/4.9/3.3 SAK6N	E.132
<b>025000000</b>		
0258260000	HP 7 TSK31.5	E.118
0258360000	HP 8 ADP 1	





Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page
0468260251	DEK 6,5 FS 251-300	G.41	0473460851	DEK 5 FW 851-900	G.39	0518960041	DEK 6 FWZ 41-50	G.40	0522660068	DEK 5 GW 68	G.39
0468260301	DEK 6,5 FS 301-350	G.41	0473460901	DEK 5 FW 901-950	G.39	0518960051	DEK 6 FWZ 51-60	G.40	0522660069	DEK 5 GW 69	G.39
0468260351	DEK 6,5 FS 351-400	G.41	0473460951	DEK 5 FW 951-999	G.41	0518960061	DEK 6 FWZ 61-70	G.40	0522660070	DEK 5 GW 70	G.39
0468260401	DEK 6,5 FS 401-450	G.41	0473560001	DEK 5 FS 1-50	G.39	0518960071	DEK 6 FWZ 71-80	G.40	0522660071	DEK 5 GW 71	G.39
0468260451	DEK 6,5 FS 451-500	G.41	0473560051	DEK 5 FS 51-100	G.39	0518960081	DEK 6 FWZ 81-90	G.40	0522660072	DEK 5 GW 72	G.39
0468260501	DEK 6,5 FS 501-550	G.41	0473560101	DEK 5 FS 101-150	G.39	0518960091	DEK 6 FWZ 91-100	G.40	0522660073	DEK 5 GW 73	G.39
0468260551	DEK 6,5 FS 551-600	G.41	0473560151	DEK 5 FS 151-200	G.39	0518960101	DEK 6 FWZ 101-110	G.40	0522660074	DEK 5 GW 74	G.39
0468260601	DEK 6,5 FS 601-650	G.41	0473560201	DEK 5 FS 201-250	G.39	0518960111	DEK 6 FWZ 111-120	G.40	0522660075	DEK 5 GW 75	G.39
0468260651	DEK 6,5 FS 651-700	G.41	0473560251	DEK 5 FS 251-300	G.39	0518960121	DEK 6 FWZ 121-130	G.40	0522660076	DEK 5 GW 76	G.39
0468260701	DEK 6,5 FS 701-750	G.41	0473560301	DEK 5 FS 301-350	G.39	0518960131	DEK 6 FWZ 131-140	G.40	0522660077	DEK 5 GW 77	G.39
0468260751	DEK 6,5 FS 751-800	G.41	0473560351	DEK 5 FS 351-400	G.39	0518960141	DEK 6 FWZ 141-150	G.40	0522660078	DEK 5 GW 78	G.39
0468260801	DEK 6,5 FS 801-850	G.41	0473560401	DEK 5 FS 401-450	G.39	0518960151	DEK 6 FWZ 151-160	G.40	0522660079	DEK 5 GW 79	G.39
0468260851	DEK 6,5 FS 851-900	G.41	0473560451	DEK 5 FS 451-500	G.39	0518960161	DEK 6 FWZ 161-170	G.40	0522660080	DEK 5 GW 80	G.39
0468260901	DEK 6,5 FS 901-950	G.41	0473560501	DEK 5 FS 501-550	G.39	0518960171	DEK 6 FWZ 171-180	G.40	0522660081	DEK 5 GW 81	G.39
0468260951	DEK 6,5 FS 951-999	G.41	0473560551	DEK 5 FS 551-600	G.39	0518960181	DEK 6 FWZ 181-190	G.40	0522660082	DEK 5 GW 82	G.39
0468560000	DEK 6 NEUTRAL	G.40	0473560601	DEK 5 FS 601-650	G.39	0518960191	DEK 6 FWZ 191-200	G.40	0522660083	DEK 5 GW 83	G.39
0468560000	DEK 6 NEUTRAL	G.41	0473560651	DEK 5 FS 651-700	G.39	0518960201	DEK 6 FWZ 201-210	G.40	0522660084	DEK 5 GW 84	G.39
0468591686	DEK 6 RT NEUTRAL	G.41	0473560701	DEK 5 FS 701-750	G.39	0519060001	DEK 6,5 FWZ 1-10	G.41	0522660085	DEK 5 GW 85	G.39
0468591687	DEK 6 GE NEUTRAL	G.40	0473560751	DEK 5 FS 751-800	G.39	0519060011	DEK 6,5 FWZ 11-20	G.41	0522660086	DEK 5 GW 86	G.39
0468591688	DEK 6 GN NEUTRAL	G.40	0473560801	DEK 5 FS 801-850	G.39	0519060021	DEK 6,5 FWZ 21-30	G.41	0522660087	DEK 5 GW 87	G.39
0468591689	DEK 6 VI NEUTRAL	G.41	0473560851	DEK 5 FS 851-900	G.39	0519060031	DEK 6,5 FWZ 31-40	G.41	0522660088	DEK 5 GW 88	G.39
0468591690	DEK 6 OR NEUTRAL	G.41	0473560901	DEK 5 FS 901-950	G.39	0519060041	DEK 6,5 FWZ 41-50	G.41	0522660089	DEK 5 GW 89	G.39
0468591691	DEK 6 GR NEUTRAL	G.40	0473560951	DEK 5 FS 951-999	G.39	0519060051	DEK 6,5 FWZ 51-60	G.41	0522660090	DEK 5 GW 90	G.39
0468591692	DEK 6 BR NEUTRAL	G.40	0475360000	ZB 4K GE/GN	G.23	0519060061	DEK 6,5 FWZ 61-70	G.41	0522660091	DEK 5 GW 91	G.39
0468591693	DEK 6 BL NEUTRAL	G.40	0475380000	ZB 4K BL	D.62	0519060071	DEK 6,5 FWZ 71-80	G.41	0522660092	DEK 5 GW 92	G.39
0468591694	DEK 6 SW NEUTRAL	G.41	0475380000	ZB 4K BL	D.63	0519060081	DEK 6,5 FWZ 81-90	G.41	0522660093	DEK 5 GW 93	G.39
0468660001	DEK 6 FW 1-50	G.40	0475380000	ZB 4K BL	D.64	0519060091	DEK 6,5 FWZ 91-100	G.41	0522660094	DEK 5 GW 94	G.39
0468660051	DEK 6 FW 51-100	G.40	0475380000	ZB 4K BL	D.65				0522660095	DEK 5 GW 95	G.39
0468660101	DEK 6 FW 101-150	G.40	0475380000	ZB 4K BL	G.23				0522660096	DEK 5 GW 96	G.39
0468660151	DEK 6 FW 151-200	G.40	0475460000	IK 4 GG ZB4	G.22				0522660097	DEK 5 GW 97	G.39
0468660201	DEK 6 FW 201-250	G.40	0475480000	IK 4 BL ZB4	G.22				0522660098	DEK 5 GW 98	G.39
0468660251	DEK 6 FW 251-300	G.40				0522361075	DEK 5 GW L1	G.40	0522660099	DEK 5 GW 99	G.39
0468660301	DEK 6 FW 301-350	G.40				0522361076	DEK 5 GW L2	G.40	0522660100	DEK 5 GW 100	G.39
0468660351	DEK 6 FW 351-400	G.40				0522361077	DEK 5 GW L3	G.40			
0468660401	DEK 6 FW 401-450	G.40				0522660001	DEK 5 GW 1	G.39	0522660101	DEK 5 GW 101	G.39
0468660451	DEK 6 FW 451-500	G.40	0485100000	IS 4 DIN 6911	G.80	0522660002	DEK 5 GW 2	G.39	0522660102	DEK 5 GW 102	G.39
0468660501	DEK 6 FW 501-550	G.40	0485200000	ADP 1/HP1 1M	E.118	0522660003	DEK 5 GW 3	G.39	0522660103	DEK 5 GW 103	G.39
0468660551	DEK 6 FW 551-600	G.40	0485300000	ADP 2/HP2 1M	G.40	0522660004	DEK 5 GW 4	G.39	0522660104	DEK 5 GW 104	G.39
0468660601	DEK 6 FW 601-650	G.40	0485400000	ADP 3/HP3 1M	E.118	0522660005	DEK 5 GW 5	G.39	0522660105	DEK 5 GW 105	G.39
0468660651	DEK 6 FW 651-700	G.40	0485500000	HP 1 ADP1	E.118	0522660006	DEK 5 GW 6	G.39	0522660106	DEK 5 GW 106	G.39
0468660701	DEK 6 FW 701-750	G.40	0485660000	HP 2 ADP2	E.118	0522660007	DEK 5 GW 7	G.39	0522660107	DEK 5 GW 107	G.39
0468660751	DEK 6 FW 751-800	G.40	0485760000	HP 3 ADP3	E.118	0522660008	DEK 5 GW 8	G.39	0522660108	DEK 5 GW 108	G.39
0468660801	DEK 6 FW 801-850	G.40	0485860000	HP 4 ADP3	E.118	0522660009	DEK 5 GW 9	G.39	0522660109	DEK 5 GW 109	G.39
0468660851	DEK 6 FW 851-900	G.40				0522660010	DEK 5 GW 10	G.39	0522660110	DEK 5 GW 110	G.39
0468660901	DEK 6 FW 901-950	G.40				0522660011	DEK 5 GW 11	G.39	0522660111	DEK 5 GW 111	G.39
0468660951	DEK 6 FW 951-999	G.40				0522660012	DEK 5 GW 12	G.39	0522660112	DEK 5 GW 112	G.39
0468760001	DEK 6 FS 1-50	G.40	0492500000	H16,0/12	G.93	0522660013	DEK 5 GW 13	G.39	0522660113	DEK 5 GW 113	G.39
0468760051	DEK 6 FS 51-100	G.40	0494920000	SH 2	G.20	0522660014	DEK 5 GW 14	G.39	0522660114	DEK 5 GW 114	G.39
0468760101	DEK 6 FS 101-150	G.40	0495160000	EWK 1 ALT	G.29	0522660015	DEK 5 GW 15	G.39	0522660115	DEK 5 GW 115	G.39
0468760151	DEK 6 FS 151-200	G.40	0495660000	MOFU 35	G.31	0522660016	DEK 5 GW 16	G.39	0522660116	DEK 5 GW 116	G.39
0468760201	DEK 6 FS 201-250	G.40	0498000000	TS 35X15/2,3/2M/ST/ZN	G.27	0522660017	DEK 5 GW 17	G.39	0522660117	DEK 5 GW 117	G.39
0468760251	DEK 6 FS 251-300	G.40				0522660018	DEK 5 GW 18	G.39	0522660118	DEK 5 GW 118	G.39
0468760301	DEK 6 FS 301-350	G.40				0522660019	DEK 5 GW 19	G.39	0522660119	DEK 5 GW 119	G.39
0468760351	DEK 6 FS 351-400	G.40				0522660020	DEK 5 GW 20	G.39	0522660120	DEK 5 GW 120	G.39
0468760401	DEK 6 FS 401-450	G.40	0501800000	SAKS 4/3S DB	E.42	0522660021	DEK 5 GW 21	G.39	0522660121	DEK 5 GW 121	G.39
0468760451	DEK 6 FS 451-500	G.40	0502100000	SAKS 5/3S DB	E.43	0522660022	DEK 5 GW 22	G.39	0522660122	DEK 5 GW 122	G.39
0468760501	DEK 6 FS 501-550	G.40	0502610000	ZB 35K SW M6X16	G.23	0522660023	DEK 5 GW 23	G.39	0522660123	DEK 5 GW 123	G.39
0468760551	DEK 6 FS 551-600	G.40	0502660000	ZB 35K GE/GN M6X16	G.23	0522660024	DEK 5 GW 24	G.39	0522660124	DEK 5 GW 124	G.39
0468760601	DEK 6 FS 601-650	G.40	0502680000	ZB 35K BL M6X16	D.62	0522660025	DEK 5 GW 25	G.39	0522660125	DEK 5 GW 125	G.39
0468760651	DEK 6 FS 651-700	G.40	0502680000	ZB 35K BL M6X16	D.63	0522660026	DEK 5 GW 26	G.39	0522660126	DEK 5 GW 126	G.39
0468760701	DEK 6 FS 701-750	G.40	0502680000	ZB 35K BL M6X16	D.65	0522660027	DEK 5 GW 27	G.39	0522660127	DEK 5 GW 127	G.39
0468760751	DEK 6 FS 751-800	G.40	0502680000	ZB 35K BL M6X16	D.64	0522660028	DEK 5 GW 28	G.39	0522660128	DEK 5 GW 128	G.39
0468760801	DEK 6 FS 801-850	G.40	0502680000	ZB 35K BL M6X16	G.23	0522660029	DEK 5 GW 29	G.39	0522660129	DEK 5 GW 129	G.39
0468760851	DEK 6 FS 851-900	G.40	0502780000	IK 35/ZB35 BL	G.22	0522660030	DEK 5 GW 30	G.39	0522660130	DEK 5 GW 130	G.39
0468760901	DEK 6 FS 901-950	G.40	0502860000	ZB 16K GE/GN	G.23	0522660031	DEK 5 GW 31	G.39	0522660131	DEK 5 GW 131	G.39
0468760951	DEK 6 FS 951-999	G.40	0502880000	ZB 16K BL	B.19	0522660032	DEK 5 GW 32	G.39	0522660132	DEK 5 GW 132	G.39
			0502880000	ZB 16K BL	D.62	0522660033	DEK 5 GW 33	G.39	0522660133	DEK 5 GW 133	G.39
			0502880000	ZB 16K BL	D.63	0522660034	DEK 5 GW 34	G.39	0522660134	DEK 5 GW 134	G.39
			0502880000	ZB 16K BL	D.64	0522660035	DEK 5 GW 35	G.39	0522660135	DEK 5 GW 135	G.39
			0502880000	ZB 16K BL	D.65	0522660036	DEK 5 GW 36	G.39	0522660136	DEK 5 GW 136	G.39
			0502880000	ZB 16K BL	D.20	0522660037	DEK 5 GW 37	G.39	0522660137	DEK 5 GW 137	G.39
			0502880000	ZB 16K BL	G.23	0522660038	DEK 5 GW 38	G.39	0522660138	DEK 5 GW 138	G.39
			0502960000	IK 16/ZB16 GG	G.22	0522660039	DEK 5 GW 39	G.39	0522660139	DEK 5 GW 139	G.39
			0502980000	IK 16/ZB16 BL	G.22	0522660040	DEK 5 GW 40	G.39	0522660140	DEK 5 GW 140	G.39
			0503500000	MB M3/M5 CRM	G.31	0522660041	DEK 5 GW 41	G.39	0522660141	DEK 5 GW 141	G.39
			0508401694	STI Waterproof schwarz	G.56	0522660042	DEK 5 GW 42	G.39	0522660142	DEK 5 GW 142	G.39
			0508401694	STI Waterproof schwarz	G.57	0522660043	DEK 5 GW 43	G.39	0522660143	DEK 5 GW 143	G.39
						0522660044	DEK 5 GW 44	G.39	0522660144	DEK 5 GW 144	G.39
						0522660045	DEK 5 GW 45	G.39	0522660145	DEK 5 GW 145	G.39
						0522660046	DEK 5 GW 46	G.39	0522660146	DEK 5 GW 146	G.39
			0510300000	G 25/0.50A/M WS	D.141	0522660047	DEK 5 GW 47	G.39	0522660147	DEK 5 GW 147	G.39
			0510300000	G 25/0.50A/M WS	D.56	0522660048	DEK 5 GW 48	G.39	0522660148	DEK 5 GW 148	G.39
			0510300000	G 25/0.50A/M WS	D.58	0522660049	DEK 5 GW 49	G.39	0522660149	DEK 5 GW 149	G.39
			0510300000	G 25/0.50A/M WS	E.138	0522660050	DEK 5 GW 50	G.39			

Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page					
0522660168	DEK 5 GW 168	G.40	0526060000	IK 6 GG ZBE6K	G.22	0526960099	DEK 6 GW 99	G.41	<b>0640000000</b>	0641720000	SH 2 S	G.20				
0522660169	DEK 5 GW 169	G.40	0526080000	IK 6 BL ZBE6K	G.22	0526960100	DEK 6 GW 100	G.41		0642600000	FKSC M6X8 D9/SW3	G.30				
0522660170	DEK 5 GW 170	G.40	0526960001	DEK 6 GW 1	G.40	0526960200	DEK 6 GW 200	G.41		0646260000	MOFU 35/L0/1	G.31				
0522660171	DEK 5 GW 171	G.40	0526960002	DEK 6 GW 2	G.40	0526961000	DEK 6 GW 0	G.40		0646400000	G 25/0.80A/M GR	D.141				
0522660172	DEK 5 GW 172	G.40	0526960003	DEK 6 GW 3	G.40	<b>0530000000</b>	0531760000 SSP 3 SAKT1	E.53	<b>0660000000</b>	0664600000	DMS 2 Set	G.72				
0522660173	DEK 5 GW 173	G.40	0526960004	DEK 6 GW 4	G.40			0531760000		SSP 3 SAKT1	E.57	0667900000 FM 4/TS35	0667900000	FM 4/TS35	G.10	
0522660174	DEK 5 GW 174	G.40	0526960005	DEK 6 GW 5	G.40			0531760000		SSP 3 SAKT1	E.58		0688660000 DEK 6 FW 1-5 (10X)	0688660000	DEK 6 FW 1-5 (10X)	G.40
0522660175	DEK 5 GW 175	G.40	0526960006	DEK 6 GW 6	G.40			0531760000		SSP 3 SAKT1	E.59			<b>0680000000</b>	0687900000	FM 4/TS35
0522660176	DEK 5 GW 176	G.40	0526960007	DEK 6 GW 7	G.40	0531760000	SSP 3 SAKT1	E.58	0697000000 H0,5/14 OR	0697000000	H0,5/14 OR				B.36	
0522660177	DEK 5 GW 177	G.40	0526960008	DEK 6 GW 8	G.40	0531760000	SSP 3 SAKT1	E.57		0697000000	H0,5/14 OR	G.82				
0522660178	DEK 5 GW 178	G.40	0526960009	DEK 6 GW 9	G.40	0531760000	SSP 3 SAKT1	E.58		0697160000	AKZ 2.5	E.96				
0522660179	DEK 5 GW 179	G.40	0526960010	DEK 6 GW 10	G.40	0531760000	SSP 3 SAKT1	E.59		0697180000	AKZ 2.5 BL	E.96				
0522660180	DEK 5 GW 180	G.40	0526960011	DEK 6 GW 11	G.40	0533500000	H6,0/20 SW	E.62	<b>0690000000</b>	0697260000	AP AKZ2.5K	E.115				
0522660181	DEK 5 GW 181	G.40	0526960012	DEK 6 GW 12	G.40	0533500000	H6,0/20 SW	E.63		0697360000	AP AKZ2.5	E.115				
0522660182	DEK 5 GW 182	G.40	0526960013	DEK 6 GW 13	G.40	0533800000	GZ 0.5A/F	G.82		0697360000	AP AKZ2.5	E.96				
0522660183	DEK 5 GW 183	G.40	0526960014	DEK 6 GW 14	G.40	0533800000	GZ 0.5A/F	G.82		0697360000	AP AKZ2.5	E.115				
0522660184	DEK 5 GW 184	G.40	0526960015	DEK 6 GW 15	G.40	0534200000	H10,0/22 EB	G.82	<b>0690000000</b>	0697380000	AP AKZ2.5 BL	E.115				
0522660185	DEK 5 GW 185	G.40	0526960016	DEK 6 GW 16	G.40	0537261187	ZB 5 GW PE	G.40		0697380000	AP AKZ2.5 BL	E.96				
0522660186	DEK 5 GW 186	G.40	0526960017	DEK 6 GW 17	G.40	0537261188	DEK 5 GW PEN	G.40		<b>1000000000</b>	1001180001	PRINTJET PRO 230V	G.54			
0522660187	DEK 5 GW 187	G.40	0526960018	DEK 6 GW 18	G.40	0537261235	DEK 5 GW Mp	G.40			1005710000	PLOTTER PEN 0.50 P-INK	G.56			
0522660188	DEK 5 GW 188	G.40	0526960019	DEK 6 GW 19	G.40	<b>0540000000</b>	0542500000 H0,75/10	G.93	1005710000		PLOTTER PEN 0.50 P-INK	G.57				
0522660189	DEK 5 GW 189	G.40	0526960020	DEK 6 GW 20	G.40			0545300000	QB 58/8/9W/I		E.53	1007810000	ZP 2.5/2AN/QV	D.89		
0522660190	DEK 5 GW 190	G.40	0526960021	DEK 6 GW 21	G.40			0546000000	ISPF QB58 SW	E.53	1007820000	ZP 2.5/2AN/QV BL	D.89			
0522660191	DEK 5 GW 191	G.40	0526960022	DEK 6 GW 22	G.40			0546900000	G 25/0.25A/M GE	D.141	1007830000	ZP 2.5/2AN/QV GN	D.89			
0522660192	DEK 5 GW 192	G.40	0526960023	DEK 6 GW 23	G.40	0546900000	G 25/0.25A/M GE	E.138	1007840000	ZP 2.5/2AN/QV ZA	D.89					
0522660193	DEK 5 GW 193	G.40	0526960024	DEK 6 GW 24	G.40	<b>0550000000</b>	0553400000 MB M5/M3 SW	G.31	<b>1000000000</b>	1007850000	ZP 2.5/2AN/QV ZA BL	D.89				
0522660194	DEK 5 GW 194	G.40	0526960025	DEK 6 GW 25	G.40			0556660000		SH 3	G.20	1007860000	ZP 2.5/2AN/QV ZA GN	D.89		
0522660195	DEK 5 GW 195	G.40	0526960026	DEK 6 GW 26	G.40			0556700000		ZB 4/6	G.22	1007870000	ZP 2.5/2AN/QV ZA O,RA	D.89		
0522660196	DEK 5 GW 196	G.40	0526960027	DEK 6 GW 27	G.40			0556800000		ZB 16/6	G.22	1007880000	ZP 2.5/2AN/QV ZAO,RA BL	D.89		
0522660197	DEK 5 GW 197	G.40	0526960028	DEK 6 GW 28	G.40	0558360000	DEK 5 FWZ U,V,W,N,PE	G.39	1007890000	ZP 2.5/2AN/QV ZAO,RA GN	D.89					
0522660198	DEK 5 GW 198	G.40	0526960029	DEK 6 GW 29	G.40	<b>0560000000</b>	0565460000 ZB 4/6K GE/GN	G.23	1007900000	ZP 2.5/1AN/QV	D.88					
0522660199	DEK 5 GW 199	G.40	0526960030	DEK 6 GW 30	G.40			0565480000	ZB 4/6K BL	G.23	1007910000	ZP 2.5/1AN/QV BL	D.88			
0522660200	DEK 5 GW 200	G.40	0526960031	DEK 6 GW 31	G.40			0565600000	H1,5/24 R	G.82	1007920000	ZP 2.5/1AN/QV GN	D.88			
0522761021	DEK 5 GW A	G.40	0526960032	DEK 6 GW 32	G.40			0565700000	H6,0/26 SW	G.82	1007930000	ZP 2.5/1AN/QV ZA	D.88			
0522761022	DEK 5 GW B	G.40	0526960033	DEK 6 GW 33	G.40	0565800000	H10,0/28 EB	G.82	1007940000	ZP 2.5/1AN/QV ZA BL	D.88					
0522761023	DEK 5 GW C	G.40	0526960034	DEK 6 GW 34	G.40	0565900000	H16,0/24 GN	B.36	1007950000	ZP 2.5/1AN/QV ZA GN	D.88					
0522761024	DEK 5 GW D	G.40	0526960035	DEK 6 GW 35	G.40	0565900000	H16,0/24 GN	G.82	1007960000	ZP 2.5/1AN/QV ZA O,RA	D.88					
0522761025	DEK 5 GW E	G.40	0526960036	DEK 6 GW 36	G.40	0566000000	H16,0/28 GN	G.82	1007970000	ZP 2.5/1AN/QV ZAO,RA BL	D.88					
0522761026	DEK 5 GW F	G.40	0526960037	DEK 6 GW 37	G.40	0566700000	BEZ.-KARTE ADP	E.118	1007980000	ZP 2.5/1AN/QV ZAO,RA GN	D.88					
0522761027	DEK 5 GW G	G.40	0526960038	DEK 6 GW 38	G.40	0567300000	PZ 3	G.68	1009600000	WPE 35	E.26					
0522761028	DEK 5 GW H	G.40	0526960039	DEK 6 GW 39	G.40	0567300000	PZ 3	G.81	1010600000	WNT 2.5 10X3 BE	E.48					
0522761029	DEK 5 GW I	G.40	0526960040	DEK 6 GW 40	G.40	0569660000	ZB 16/6K GE/GN	G.23	1010680000	WNT 2.5 10X3	E.48					
0522761030	DEK 5 GW J	G.40	0526960041	DEK 6 GW 41	G.40	<b>0570000000</b>	0571200000 SSCH 6X6X1000 MS/BK	G.19	1010700000	WNT 4 10X3 BE	E.48					
0522761031	DEK 5 GW K	G.40	0526960042	DEK 6 GW 42	G.40			0572600000	DEK 5 GW	G.39	1010780000	WNT 4 10X3	E.48			
0522761032	DEK 5 GW L	G.40	0526960043	DEK 6 GW 43	G.40			0576261198	DEK 5 GW +	G.40	1010800000	WNT 6 10X3 BE	E.49			
0522761033	DEK 5 GW M	G.40	0526960044	DEK 6 GW 44	G.40			0576261199	DEK 5 GW -	G.40	1010880000	WNT 6 10X3	E.49			
0522761034	DEK 5 GW N	G.40	0526960045	DEK 6 GW 45	G.40	0576261202	DEK 5 GW ERDE	G.40	1010900000	WNT 10 10X3 BE	E.49					
0522761035	DEK 5 GW O	G.40	0526960046	DEK 6 GW 46	G.40	0576261203	DEK 5 GW ERDE I.KR.	G.40	1010980000	WNT 10 10X3	E.49					
0522761036	DEK 5 GW P	G.40	0526960047	DEK 6 GW 47	G.40	0576261215	DEK 5 GW W-STROM	G.40	1011000000	WSI 6	E.39					
0522761037	DEK 5 GW Q	G.40	0526960048	DEK 6 GW 48	G.40	0576291737	DEK 5 GW RT/SW +	G.40	1011300000	WSI 6/LD 10-36V DC/AC	E.39					
0522761038	DEK 5 GW R	G.40	0526960049	DEK 6 GW 49	G.40	0576291741	DEK 5 GW BL/SW -	G.40	1011320000	DEK 5/6 PLUS MC NE WS	G.43					
0522761039	DEK 5 GW S	G.40	0526960050	DEK 6 GW 50	G.40	<b>0580000000</b>	0582360002 DEK 5 FSZ 2,4,6...16	G.39	1011440000	PLOTTERPEN 0,7	G.57					
0522761040	DEK 5 GW T	G.40	0526960051	DEK 6 GW 51	G.40			0582360018	DEK 5 FSZ 18,20,...32	G.39	1011440000	PLOTTERPEN 0,7	G.57			
0522761041	DEK 5 GW U	G.40	0526960052	DEK 6 GW 52	G.40			<b>0620000000</b>	0620120000 MK 6/6	G.13	1011450000	PLOTTER PEN 0.70 P-INK	G.56			
0522761042	DEK 5 GW V	G.40	0526960053	DEK 6 GW 53	G.40					0620220000	MK 6/4	G.13	1011450000	PLOTTER PEN 0.70 P-INK	G.57	
0522761043	DEK 5 GW W	G.40	0526960054	DEK 6 GW 54	G.40	0620320000	MK 6/3			G.13	1012200000	WSI 6/LD 30-70V DC/AC	E.39			
0522761044	DEK 5 GW X	G.40	0526960055	DEK 6 GW 55	G.40	0620420000	MK 6/2			G.13	1012300000	WSI 6/LD 60-150V DC/AC	E.39			
0522761045	DEK 5 GW Y	G.40	0526960056	DEK 6 GW 56	G.40	0624270000	BK 2 CRN	G.15	1012400000	WSI 6/LD 250AC	E.40					
0522861047	DEK 5 GW A KLEIN	G.40	0526960057	DEK 6 GW 57	G.40	0624920000	BK 3 CRN	G.15	1014000000	WSI 6/2 GZ/DEF63	E.40					
0522861048	DEK 5 GW B KLEIN	G.40	0526960058	DEK 6 GW 58	G.40	0625120000	BK 4 CRN	G.15	1014100000	WSI 6/2/LD 10-36V DC/AC	E.40					
0522861049	DEK 5 GW C KLEIN	G.40	0526960059	DEK 6 GW 59	G.40	0625220000	BK 6 CRN	G.15	1014200000	WSI 6/2/LD 30-70V DC/AC	E.40					
0522861050	DEK 5 GW D KLEIN	G.40	0526960060	DEK 6 GW 60	G.40	0625320000	BK 12 CRN	G.15	1014300000	WSI 6/2/LD 60-150VDC/AC	E.40					
0522861051	DEK 5 GW E KLEIN	G.40	0526960061	DEK 6 GW 61	G.40	<b>0630000000</b>	0631860000 DEK 6 FWZ R,S,T,N,ERDE	G.41	1014400000	WSI 6/2/LD 250AC	E.40					
0522861052	DEK 5 GW F KLEIN	G.40	0526960062	DEK 6 GW 62	G.40			0631961187	DEK 6 FWZ L1-PE	G.40	1015800000	WDT 1.5/1 DB/GE	E.33			
0522861053	DEK 5 GW G KLEIN	G.40	0526960063	DEK 6 GW 63	G.40			0631961203	DEK 6 FWZ L1-ERDE I.KR.	G.41	1015900000	WDT 1.5/2 DB/GE	E.33			
0522861054	DEK 5 GW H KLEIN	G.40	0526960064	DEK 6 GW 64	G.40			0632161187	DEK 6,5 FW L1-PE	G.41	1016000000	WDT 1.5/3 DB/GE	E.34			
0522861055	DEK 5 GW I KLEIN	G.40	0526960065	DEK 6 GW 65	G.40	0632161203	DEK 6,5 FW L1-ERDE I.KR.	G.41	1016160000	WDT 1.5/3 BL/HB	E.34					
0522861056	DEK 5 GW J KLEIN	G.40	0526960066	DEK 6 GW 66	G.40	0632560000	DEK 6 FW L,N,PE	G.40	1016200000	WPE 2.5N	E.20					
0522861057	DEK 5 GW K KLEIN	G.40	0526960067	DEK 6 GW 67	G.40	0635100000	H1,5/16 R	B.36	1016400000	WPE 2.5/1,5/2R	E.19					
0522861058	DEK 5 GW L KLEIN	G.40	0526960068	DEK 6 GW 68	G.40	0635100000	H1,5/16 R	G.82	1016500000	WPE 1,5/ZZ	E.19					
0522861059	DEK 5 GW M KLEIN	G.40	0526960069	DEK 6 GW 69	G.40	0635960000	KL.BUE SH1	G.20	1017700000	WTL 6/2	E.59					
0522861060	DEK 5 GW N KLEIN	G.40	0526960070	DEK 6 GW 70	G.40	0										

Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page
1019100000	WPE 16N	E.25	1036300000	WDK 2.5PE	E.21	1050100000	WAP 16+35 WTW 2.5-10	E.9	1053760000	WQV 2.5/3	E.86
1019700000	WPE 120/150	E.28	1036400000	WDK 2.5DU-PE	E.15	1050160000	WAP 16+35 WTW 2.5-10 OR	E.115	1053860000	WQV 2.5/4	E.128
<b>1020000000</b>			1037300000	WPE 70/95	E.28	1050180000	WAP 16+35 WTW 2.5-10 OR	E.117	1053860000	WQV 2.5/4	E.14
1020000000	WDU 2.5	E.5	1038500000	WDK 2.5 BLZ/7.62/ZA	E.79	1050180000	WAP 16+35 WTW 2.5-10 BL	E.110	1053860000	WQV 2.5/4	E.15
1020080000	WDU 2.5 BL	E.5	1038680000	AKZ 4 WEMID BL	E.97	1050180000	WAP 16+35 WTW 2.5-10 BL	E.115	1053860000	WQV 2.5/4	E.4
1020100000	WDU 4	E.6	1038900000	WDU 2.5/BLZ/7.62	E.79	1050180000	WAP 16+35 WTW 2.5-10 BL	E.117	1053860000	WQV 2.5/4	E.5
1020180000	WDU 4 BL	E.6	1039900000	WTR 2.5/ZZ	E.30	1050180000	WAP 16+35 WTW 2.5-10 BL	E.4	1053860000	WQV 2.5/4	E.6
1020200000	WDU 6	E.8	1039980000	WTR 2.5/ZZ BL	E.30	1050180000	WAP 16+35 WTW 2.5-10 BL	E.5	1053860000	WQV 2.5/4	E.76
1020280000	WDU 6 BL	E.8	<b>1040000000</b>			1050180000	WAP 16+35 WTW 2.5-10 BL	E.6	1053860000	WQV 2.5/4	E.77
1020300000	WDU 10	E.8	1040400000	WDU 35N	E.11	1050180000	WAP 16+35 WTW 2.5-10 BL	E.76	1053860000	WQV 2.5/4	E.78
1020380000	WDU 10 BL	E.8	1040480000	WDU 35N BL	E.11	1050180000	WAP 16+35 WTW 2.5-10 BL	E.8	1053860000	WQV 2.5/4	E.83
1021500000	WDK 2.5	E.14	1040800000	WDU 2.5N ZQV	E.5	1050180000	WAP 16+35 WTW 2.5-10 BL	E.9	1053860000	WQV 2.5/4	E.84
1021580000	WDK 2.5 BL	E.14	1040880000	WDU 2.5N ZQV BL	E.5	1050280000	WHP 2.5-35N/10x3 BL	E.49	1053860000	WQV 2.5/4	E.85
1021600000	WDK 2.5 F	E.77	1041100000	WDK 2.5 ZQV	E.14	1050280000	WHP 2.5-35N/10x3 BL	E.50	1053960000	WQV 2.5/5	E.128
1021680000	WDK 2.5 F BL	E.77	1041180000	WDK 2.5 ZQV BL	E.14	1050760000	WGB 5 ABDG.M.GRUPPENBEZ	G.50	1054060000	WQV 2.5/6	E.128
1021700000	WDK 2.5 FF	E.77	1041500000	WDU 2.5/TC TYP N	E.80	1050960000	WGB 8 ABDG.M.GRUPPENBEZ	G.50	1054160000	WQV 2.5/7	E.128
1021800000	WDU 2.5 F 2X2.8	E.76	1041600000	WDK 2.5N	E.16	1051260000	WTA 5/1	E.135	1054260000	WQV 2.5/8	E.128
1021900000	WDU 2.5 FF 2X2.8	E.76	1041610000	WDK 2.5N V	E.16	1051260000	WTA 5/1	E.64	1054360000	WQV 2.5/9	E.128
1022300000	WDK 2.5V	E.15	1041620000	WDK 2.5N PE	E.21	1051260000	WTA 5/1	E.65	1054460000	WQV 2.5/10	E.128
1022380000	WDK 2.5V BL	E.15	1041650000	WDK 2.5N DU-PE	E.17	1051260000	WTA 5/1	E.66	1054460000	WQV 2.5/10	E.14
1022400000	WDK 2.5 FV	E.77	1041680000	WDK 2.5N BL	E.16	1051260000	WTA 5/1	E.67	1054460000	WQV 2.5/10	E.5
1022600000	WDK 2.5 2D	E.85	1041900000	WDK 4N	E.17	1051260000	WTA 5/1	E.9	1054460000	WQV 2.5/10	E.5
1023200000	WDK 2.5 D	E.85	1041910000	WDK 4N V	E.17	1051960000	WQV 4/2	E.128	1054460000	WQV 2.5/10	E.6
1023300000	WDK 2.5 1D A.2	E.84	1041920000	WDK 4N PE	E.23	1051960000	WQV 4/2	E.56	1054460000	WQV 2.5/10	E.76
1023400000	WDK 2.5 1D A.1	E.83	1041950000	WDK 4N DU-PE	E.18	1051960000	WQV 4/2	E.6	1054460000	WQV 2.5/10	E.77
1023500000	WDK 2.5 2D	E.85	1041980000	WDK 4N BL	E.17	1051960000	WQV 4/2	E.64	1054460000	WQV 2.5/10	E.78
1023600000	WDK 2.5 LD ROT 1R 24VDC	E.86	1042400000	WDU 10/ZR	E.9	1051960000	WQV 4/2	E.66	1054460000	WQV 2.5/10	E.83
1023700000	WDU 2.5N	E.5	1042480000	WDU 10/ZR BL	E.9	1052060000	WQV 4/10	E.128	1054460000	WQV 2.5/10	E.84
1023780000	WDU 2.5N BL	E.5	1042500000	WPE 10/ZR	E.25	1052060000	WQV 4/10	E.56	1054460000	WQV 2.5/10	E.85
1023830000	ZTR 6-2	D.54	1042600000	WDU 4N	E.7	1052060000	WQV 4/10	E.6	1054460000	WQV 2.5/10	E.86
1024050000	PRINTJET PRO 115V	G.54	1042680000	WDU 4N BL	E.7	1052060000	WQV 4/10	E.64	1054560000	WQV 4/3	E.128
1024100000	WDU 2.5/TC TYP K	E.80	1042700000	WPE 4N	E.23	1052060000	WQV 4/10	E.66	1054560000	WQV 4/3	E.6
1024200000	WDU 2.5/TC TYP T	E.80	1045970000	WTR 35 E	E.36	1052100000	KISC M3X5	E.132	1054560000	WQV 4/3	E.56
1024300000	WDU 2.5/TC TYP J	E.80	<b>1050000000</b>			1052100000	KISC M3X5	E.40	1054560000	WQV 4/3	E.64
1024400000	WDU 2.5/TC TYP SR	E.80	1050000000	WAP 2.5-10	E.114	1052260000	WQV 6/10	E.128	1054560000	WQV 4/3	E.66
1024500000	WDU 120/150	E.13	1050000000	WAP 2.5-10	E.19	1052260000	WQV 6/10	E.59	1054660000	WQV 4/4	E.128
1024580000	WDU 120/150 BL	E.13	1050000000	WAP 2.5-10	E.19	1052260000	WQV 6/10	E.63	1054660000	WQV 4/4	E.56
1024600000	WDU 70/95	E.13	1050000000	WAP 2.5-10	E.20	1052260000	WQV 6/10	E.64	1054660000	WQV 4/4	E.6
1024680000	WDU 70/95 BL	E.13	1050000000	WAP 2.5-10	E.20	1052260000	WQV 6/10	E.66	1054660000	WQV 4/4	E.64
1024700000	WDU 2.5/1.5/ZR	E.4	1050000000	WAP 2.5-10	E.29	1052260000	WQV 6/10	E.8	1054660000	WQV 4/4	E.66
1024780000	WDU 2.5/1.5/ZR BL	E.4	1050000000	WAP 2.5-10	E.31	1052360000	WQV 6/2	E.128	1054760000	WQV 6/3	E.128
1025680000	DEK 5/30 MC SDR	G.43	1050000000	WAP 2.5-10	E.35	1052360000	WQV 6/2	E.59	1054760000	WQV 6/3	E.59
1027000000	WDUL 4/10	E.82	1050000000	WAP 2.5-10	E.39	1052360000	WQV 6/2	E.63	1054760000	WQV 6/3	E.63
1027040000	PJ PRO TINTK INK K	G.54	1050000000	WAP 2.5-10	E.4	1052360000	WQV 6/2	E.64	1054760000	WQV 6/3	E.64
1027050000	PJ PRO TINTK INK C	G.54	1050000000	WAP 2.5-10	E.40	1052360000	WQV 6/2	E.66	1054760000	WQV 6/3	E.66
1027060000	PJ PRO TINTK INK M	G.54	1050000000	WAP 2.5-10	E.48	1052360000	WQV 6/2	E.8	1054760000	WQV 6/3	E.8
1027070000	PJ PRO TINTK INK Y	G.54	1050000000	WAP 2.5-10	E.49	1052460000	WQV 10/10	E.129	1054860000	WQV 6/4	E.128
1027080000	PJ PRO TINTK FL	G.54	1050000000	WAP 2.5-10	E.5	1052460000	WQV 10/10	E.65	1054960000	WQV 6/4	E.59
1027090000	PJ PRO TINTK INK SET BK	G.54	1050000000	WAP 2.5-10	E.6	1052460000	WQV 10/10	E.67	1054960000	WQV 6/4	E.63
1027100000	PJ-PRO TINTK INK SET COL	G.54	1050000000	WAP 2.5-10	E.64	1052460000	WQV 10/10	E.8	1054960000	WQV 6/4	E.64
1027400000	WDUL 4/500	E.82	1050000000	WAP 2.5-10	E.65	1052460000	WQV 10/10	E.9	1054960000	WQV 6/4	E.66
1027500000	WDUL 4/1K	E.82	1050000000	WAP 2.5-10	E.66	1052560000	WQV 10/2	E.129	1054960000	WQV 6/4	E.8
1027550000	ZMAK 2.5 690V	D.43	1050000000	WAP 2.5-10	E.67	1052560000	WQV 10/2	E.65	1054960000	WQV 10/3	E.129
1027600000	WDUL 4/5K	E.82	1050000000	WAP 2.5-10	E.68	1052560000	WQV 10/2	E.67	1054960000	WQV 10/3	E.65
1027800000	WDUL 4/50K	E.82	1050000000	WAP 2.5-10	E.76	1052560000	WQV 10/2	E.8	1054960000	WQV 10/3	E.67
1028000000	WDUL 4/500K	E.82	1050000000	WAP 2.5-10	E.8	1052560000	WQV 10/2	E.9	1054960000	WQV 10/3	E.8
1028300000	WFF 35	E.108	1050000000	WAP 2.5-10	E.80	1053060000	WQV 35/2	E.10	1054960000	WQV 10/3	E.9
1028380000	WFF 35 BL	E.108	1050000000	WAP 2.5-10	E.82	1053060000	WQV 35/2	E.129	1055060000	WQV 10/4	E.129
1028400000	WFF 70	E.108	1050010000	WAP 2.5-10 SW	E.114	1053060000	WQV 35/2	E.61	1055060000	WQV 10/4	E.65
1028480000	WFF 70 BL	E.108	1050010000	WAP 2.5-10 SW	E.64	1053160000	WQV 35/10	E.10	1055060000	WQV 10/4	E.67
1028500000	WFF 120	E.109	1050010000	WAP 2.5-10 SW	E.65	1053160000	WQV 35/10	E.129	1055060000	WQV 10/4	E.8
1028580000	WFF 120 BL	E.109	1050010000	WAP 2.5-10 SW	E.66	1053260000	WQV 16/2	E.129	1055060000	WQV 10/4	E.9
1028600000	WFF 185	E.109	1050010000	WAP 2.5-10 SW	E.67	1053260000	WQV 16/2	E.9	1055160000	WQV 16/3	E.129
1028680000	WFF 185 BL	E.109	1050010000	WAP 2.5-10 SW	E.68	1053360000	WQV 16/10	E.129	1055160000	WQV 16/3	E.9
1028700000	WFF 300	E.109	1050020000	WAP 2.5-10 GE	E.114	1053360000	WQV 16/10	E.9	1055260000	WQV 16/4	E.129
1028780000	WFF 300 BL	E.109	1050040000	WAP 2.5-10 RT	E.114	1053460000	WAD 5 M. BL	E.136	1055260000	WQV 16/4	E.9
1028800000	WDU 35/ZA	E.10	1050050000	WAP 2.5-10 GR	E.114	1053460000	WAD 5 M. BL	E.4	1055360000	WQV 35/3	E.10
1028880000	WDU 35/ZA BL	E.10	1050060000	WAP 2.5-10 OR	E.114	1053460000	WAD 5 M. BL	E.5	1055360000	WQV 35/3	E.129
1028900000	WDU 16/ZA	E.9	1050070000	WAP 2.5-10 BR	E.114	1053460000	WAD 5 M. BL	E.6	1055460000	WQV 35/4	E.10
1028980000	WDU 16/ZA BL	E.9	1050080000	WAP 2.5-10 BL	E.114	1053460000	WAD 5 M. BL	G.50	1055460000	WQV 35/4	E.129
1029000000	WDU 35/IK/ZA	E.10	1050080000	WAP 2.5-10 BL	E.14	1053560000	WAD 8 M. BL	E.136	1055960000	WAD 12 M. BL	E.10
1029100000	WDK 2.5/800V	E.15	1050080000	WAP 2.5-10 BL	E.48	1053560000	WAD 8 M. BL	E.8	1055960000	WAD 12 M. BL	E.136
1029300000	WFF 35/AH	E.108	1050080000	WAP 2.5-10 BL	E.49	1053560000	WAD 8 M. BL	G.50	1055960000	WAD 12 M. BL	E.9
1029400000	WFF 70/AH	E.108	1050080000	WAP 2.5-10 BL	E.5	1053660000	WQV 2.5/2	E.128	1055960000	WAD 12 M. BL	G.50
1029500000	WFF 120/AH	E.									



Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page
1058800000	WTW EN	E.16	1061200000	WEW 35/2	E.29	1068160000	WBB WDU1.5/BL...	E.78	1073500000	WBB WDU2.5/BLZ7.62	E.79
1058800000	WTW EN	E.77	1061200000	WEW 35/2	E.30	1068260000	WBB ZA WDU1.5/BL 10/10	E.78	1073600000	WBB ZA WDU2.5/BLZ7.62	E.79
1058800000	WTW EN	E.111	1061200000	WEW 35/2	E.32	1068300000	WAP WTL6/1	E.115	1074200000	Q 20 WDL2.5S	E.130
1058800000	WTW EN	E.117	1061200000	WEW 35/2	E.33	1068300000	WAP WTL6/1	E.53	1074200000	Q 20 WDL2.5S	E.44
1058800000	WTW EN	E.18	1061200000	WEW 35/2	E.34	1068300000	WAP WTL6/1	E.57	1074200000	Q 20 WDL2.5S	E.45
1058800000	WTW EN	E.42	1061200000	WEW 35/2	E.4	1068300000	WAP WTL6/1	E.58	1074600000	WAP WTR2.5/ZZ	E.115
1058800000	WTW EN	E.43	1061200000	WEW 35/2	E.44	1068400000	WTW WTL6/1 DB	E.57	1074600000	WAP WTR2.5/ZZ	E.30
1058800000	WTW EN	E.68	1061200000	WEW 35/2	E.45	1068400000	WTW WTL6/1 DB	E.58	1074680000	WAP WTR2.5/ZZ BL	E.115
1058800000	WTW EN	E.9	1061200000	WEW 35/2	E.46	1068700000	WSH 1	G.6	1079200000	WQV 35N/2	E.11
1059000000	WEW 35/1	E.10	1061200000	WEW 35/2	E.47	1069700000	WAP WFF35	E.116	1079200000	WQV 35N/2	E.128
1059000000	WEW 35/1	E.27	1061200000	WEW 35/2	E.48	1069800000	WAP WFF70	E.116	1079300000	WQV 35N/3	E.11
1059000000	WEW 35/1	E.108	1061200000	WEW 35/2	E.49	1069900000	WDS 2	E.140	1079300000	WQV 35N/3	E.128
1059000000	WEW 35/1	E.109	1061200000	WEW 35/2	E.5				1079400000	WQV 35N/4	E.11
1059000000	WEW 35/1	E.11	1061200000	WEW 35/2	E.50				1079400000	WQV 35N/4	E.128
1059000000	WEW 35/1	E.12	1061200000	WEW 35/2	E.53				1079500000	WQB PEN 35N	E.141
1059000000	WEW 35/1	E.13	1061200000	WEW 35/2	E.55	1070000000	WAP WDK2.5/BLZ/O ZA	E.115	1079600000	WQB PEN 16N	E.141
1059000000	WEW 35/1	E.25	1061200000	WEW 35/2	E.6	1070000000	WAP WDK2.5/BLZ/O ZA	E.79	1079700000	WQB PEN 70N	E.141
1059000000	WEW 35/1	E.26	1061200000	WEW 35/2	E.60	1070100000	WAP WDK2.5/BLZ/M ZA	E.115	1079900000	WSH 4 MT	G.9
1059000000	WEW 35/1	E.28	1061200000	WEW 35/2	E.64	1070100000	WAP WDK2.5/BLZ/M ZA	E.79			
1059000000	WEW 35/1	E.36	1061200000	WEW 35/2	E.65	1070500000	WZAF 35	E.140			
1059000000	WEW 35/1	E.74	1061200000	WEW 35/2	E.66	1071000000	STB 21.6/HH/DB WTL6/3	D.110			
1059000000	WEW 35/1	E.9	1061200000	WEW 35/2	E.67	1071000000	STB 21.6/HH/DB WTL6/3	E.133	1080100000	WSH 5	G.6
1059000000	WEW 35/1	G.21	1061200000	WEW 35/2	E.68	1071000000	STB 21.6/HH/DB WTL6/3	E.55	1080200000	WSH 6	G.6
1059100000	WAP WDK2.5	E.115	1061200000	WEW 35/2	E.69	1071010000	STB 21.6/HH/GE WTL6/3	D.110	1082400000	BFEH 1/WSH	G.7
1059100000	WAP WDK2.5	E.14	1061200000	WEW 35/2	E.7	1071010000	STB 21.6/HH/GE WTL6/3	D.111	1083100000	WSH 18 MT	G.7
1059100000	WAP WDK2.5	E.15	1061200000	WEW 35/2	E.76	1071010000	STB 21.6/HH/GE WTL6/3	E.55	1083200000	WSH 19 MT	G.7
1059100000	WAP WDK2.5	E.21	1061200000	WEW 35/2	E.77	1071010000	STB 21.6/HH/GE WTL6/3	E.59	1083500000	WAD 16N WS	E.11
1059100000	WAP WDK2.5	E.77	1061200000	WEW 35/2	E.8	1071020000	STB 21.6/HH/GE WTL6/3	D.110	1083500000	WAD 16N WS	E.136
1059100000	WAP WDK2.5	E.83	1061200000	WEW 35/2	E.80	1071020000	STB 21.6/HH/GE WTL6/3	D.111	1083600000	WAD 16N GE BED	E.11
1059100000	WAP WDK2.5	E.84	1061200000	WEW 35/2	E.82	1071020000	STB 21.6/HH/GE WTL6/3	E.55	1083600000	WAD 16N GE BED	E.136
1059100000	WAP WDK2.5	E.85	1061200000	WEW 35/2	E.83	1071020000	STB 21.6/HH/GE WTL6/3	E.59	1083900000	SMSE WSH U1	G.7
1059100000	WAP WDK2.5	E.86	1061200000	WEW 35/2	E.84	1071030000	STB 21.6/HH/M WTL6/3	D.110	1084000000	WAP WDK2.5/4 N	E.116
1059140000	WAP WDK2.5 GN	E.115	1061200000	WEW 35/2	E.85	1071030000	STB 21.6/HH/M WTL6/3	D.111	1084000000	WAP WDK2.5/4 N	E.16
1059180000	WAP WDK2.5 BL	E.115	1061200000	WEW 35/2	E.86	1071030000	STB 21.6/HH/M WTL6/3	E.55	1084000000	WAP WDK2.5/4 N	E.17
1059180000	WAP WDK2.5 BL	E.14	1061200000	WEW 35/2	E.9	1071030000	STB 21.6/HH/M WTL6/3	E.59	1084000000	WAP WDK2.5/4 N	E.18
1059180000	WAP WDK2.5 BL	E.15	1061200000	WEW 35/2	G.21	1071080000	STB 21.6/HH/BL WTL6/3	D.110	1084000000	WAP WDK2.5/4 N	E.21
1059180000	WAP WDK2.5 BL	E.77	1061200000	WEW 35/2	G.29	1071080000	STB 21.6/HH/BL WTL6/3	D.111	1084000000	WAP WDK2.5/4 N	E.23
1059660000	WQV 2.5/15	E.128	1062060000	WTA 5/10	E.135	1071080000	STB 21.6/HH/BL WTL6/3	E.55	1084080000	WAP WDK2.5/4 N BL	E.116
			1062660000	WQV 6/5	E.128	1071080000	STB 21.6/HH/BL WTL6/3	E.59	1084080000	WAP WDK2.5/4 N BL	E.16
			1062660000	WQV 6/5	E.55	1071100000	ZR WPO4 DB	E.81	1084080000	WAP WDK2.5/4 N BL	E.17
			1062660000	WQV 6/5	E.63	1071200000	SSCH 7.3X1.2X1000	E.81	1084080000	WAP WDK2.5/4 N BL	E.18
1060000000	WAP WDU2.5N/4N	E.116	1062670000	WQV 6/6	E.128	1071350000	WQV 16N-PEN GN	E.25			
1060000000	WAP WDU2.5N/4N	E.20	1062680000	WQV 6/7	E.128	1071360000	WQV 16N-PEN BL	E.141			
1060000000	WAP WDU2.5N/4N	E.23	1062680000	WQV 6/7	E.63	1071360000	WQV 16N-PEN BL	E.26			
1060000000	WAP WDU2.5N/4N	E.5	1062960000	WAD 27 M. BL.	E.13	1071500000	Q 2 WDL2.5S	E.130	1261300000	ZB 10.F10X3/10X5/10X10	G.22
1060000000	WAP WDU2.5N/4N	E.7	1062960000	WAD 27 M. BL.	E.136	1071500000	Q 2 WDL2.5S	E.44	1269600000	SCHT 14/6	G.50
1060060000	WAP WDU2.5N/4N OR	E.116	1062960000	WAD 27 M. BL.	G.50	1071500000	Q 2 WDL2.5S	E.45			
1060080000	WAP WDU2.5N/4N BL	E.116	1062960000	WAD 27 NEUTRAL	E.13	1071500000	Q 2 WDL2.5S	E.46			
1060080000	WAP WDU2.5N/4N BL	E.5	1062960000	WAD 27 NEUTRAL	E.136	1071500000	Q 2 WDL2.5S	E.47			
1060080000	WAP WDU2.5N/4N BL	E.7	1062960000	WAD 27 NEUTRAL	G.50	1071600000	Q 3 WDL2.5S	E.130			
1060090000	WAP WDU2.5N/4N GE	E.116	1063300000	WQV 120/2	E.129	1071600000	Q 3 WDL2.5S	E.44	1276960001	DEK 8 FWZ 1-10	G.41
1060100000	WQB-PEN 35	E.141	1063300000	WQV 120/2	E.13	1071600000	Q 3 WDL2.5S	E.45	1276960011	DEK 8 FWZ 11-20	G.41
1060100000	WQB-PEN 35	E.26	1063400000	WQV 120/3	E.129	1071600000	Q 3 WDL2.5S	E.46	1276960021	DEK 8 FWZ 21-30	G.41
1060200000	WQB-PEN 16	E.141	1063400000	WQV 120/3	E.13	1071600000	Q 3 WDL2.5S	E.47	1276960031	DEK 8 FWZ 31-40	G.41
1060200000	WQB-PEN 16	E.25	1063500000	WQV 70/95/2	E.129	1071600000	Q 3 WDL2.5S	E.46	1276960041	DEK 8 FWZ 41-50	G.41
1060300000	WQB-PEN 10	E.141	1063500000	WQV 70/95/2	E.129	1071700000	Q 4 WDL2.5S	E.130	1276960051	DEK 8 FWZ 51-60	G.41
1060300000	WQB-PEN 10	E.24	1063600000	WQV 70/95/3	E.13	1071700000	Q 4 WDL2.5S	E.44	1276960061	DEK 8 FWZ 61-70	G.41
1060300000	WQB-PEN 10	E.25	1063600000	WQV 70/95/3	E.129	1071700000	Q 4 WDL2.5S	E.45	1276960071	DEK 8 FWZ 71-80	G.41
1060300000	WQB-PEN 10	E.25	1063600000	WQV 70/95/3	E.13	1071700000	Q 4 WDL2.5S	E.46	1276960081	DEK 8 FWZ 81-90	G.41
1061200000	WEW 35/2	C.11	1063900000	WQV 16-2.5	E.121	1071700000	Q 4 WDL2.5S	E.47	1276960091	DEK 8 FWZ 91-100	G.41
1061200000	WEW 35/2	C.23	1064000000	WQV 16-4/6	E.121	1071800000	Q 10 WDL2.5S	E.130	1276960101	DEK 8 FWZ 101-110	G.41
1061200000	WEW 35/2	C.27	1064000000	WQV 16-4/6	E.129	1071800000	Q 10 WDL2.5S	E.44	1276960111	DEK 8 FWZ 111-120	G.41
1061200000	WEW 35/2	C.35	1064100000	WQV 35-2.5	E.121	1071800000	Q 10 WDL2.5S	E.45	1276960121	DEK 8 FWZ 121-130	G.41
1061200000	WEW 35/2	C.10	1064200000	WQV 35-4/6	E.121	1071800000	Q 10 WDL2.5S	E.46	1276960131	DEK 8 FWZ 131-140	G.41
1061200000	WEW 35/2	C.12	1064200000	WQV 35-4/6	E.129	1071800000	Q 10 WDL2.5S	E.47	1276960141	DEK 8 FWZ 141-150	G.41
1061200000	WEW 35/2	C.14	1064460000	WAH 35	E.108	1071900000	EW 15/2	G.29	1277060000	DEK 8 NEUTRAL	G.41
1061200000	WEW 35/2	C.16	1064560000	WAH 70 BE	E.108	1072000000	WAD 4 GE BED	E.136	1277091686	DEK 8 RT NEUTRAL	G.41
1061200000	WEW 35/2	C.18	1064660000	WAH 120	E.109	1072000000	WAD 4 GE BED	E.14	1277091687	DEK 8 GE NEUTRAL	G.41
1061200000	WEW 35/2	C.22	1064760000	WAH 185/300 BE	E.109	1072000000	WAD 4 GE BED	E.15	1277091688	DEK 8 GN NEUTRAL	G.41
1061200000	WEW 35/2	C.24	1064900000	WQL 2 WFF35	E.108	1072000000	WAD 4 GE BED	E.4	1277091689	DEK 8 VI NEUTRAL	G.41
1061200000	WEW 35/2	C.25	1065000000	WQL 2 WFF70	E.108	1072000000	WAD 4 GE BED	E.5	1277091690	DEK 8 OR NEUTRAL	G.41
1061200000	WEW 35/2	C.26	1065100000	WQL 2 WFF120	E.109	1072000000	WAD 4 GE BED	E.6	1278460000	SCHT 9/4	G.50
1061200000	WEW 35/2	C.33	1065200000	WQL 2 WFF185	E.109	1072000000	WAD 4 GE BED	E.7			
1061200000	WEW 35/2	C.34	1065300000	WQL 2 WFF300	E.109	1072000000	WAD 4 GE BED	E.76			
1061200000	WEW 35/2	C.6	1065400000	WQL 3 WFF35	E.108	1072000000	WAD 4 GE BED	E.77			
1061200000	WEW 35/2	C.7	1065500000	WQL 3 WFF70	E.108	1072100000	WAD 4 WS	E.136	1286600000	TST 2/M5	G.30
1061200000	WEW 35/2	C.8	1065600000	WQL 3 WFF120	E.109	1072100000	WAD 4 WS	E.14	1288300000	REINIGUNGSBECHER	G.56
1061200000	WEW 35/2	C.9	1065700000	WQL 3 WFF185	E.109	1072100000	WAD 4 WS	E.15	1289660001	DEK 8 FSZ 1-10	G.41
1061200000	WEW 35/2	E.15	1065800000	WQL 3 WFF300	E.109	1072100000	WAD 4 WS	E.4	1289660011	DEK 8 FSZ 11-20	G.41
1061200000	WEW 35/2	E.17	1066000000	WZAD 70/95	E.140	1072100000	WAD 4 WS	E.5	1289660021	DEK 8 FSZ 21-30	G.41
1061200000	WEW 35/2	E.31	1066100000	WZA D120	E.140	1072100000	WAD 4 WS	E.6	1289660031	DEK 8 FSZ 31-40	G.41
1061200000	WEW 35/2	C.13	1066200000	WZAF 70	E.140	1072100000	WAD 4 WS	E.7	1289660041	DEK 8 FSZ 41-50	G.41
1061200000	WEW 35/2	C.15	1066300000	WZAF 120	E.140	1072100000	WAD 4 WS	E.76	1289660051	DEK 8 FSZ 51-60	G.41
1061200000	WEW 35/2	C.19	1066400000								

Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page
1312600000	Q 3 DLJ	E.70	1578960000	WQB A/3	E.132	1608860000	ZQV 2.5/2	B.21	1608870000	ZQV 2.5/3	D.92
1312600000	Q 3 DLJ	E.71	1578970000	WQB A/4	E.132	1608860000	ZQV 2.5/2	B.22	1608870000	ZQV 2.5/3	D.93
1312600000	Q 3 DLJ	E.72	1578990000	WQB A/10	E.132	1608860000	ZQV 2.5/2	B.24	1608870000	ZQV 2.5/3	E.30
1312600000	Q 3 DLJ	E.73	1579000000	WQB A/24	E.132	1608860000	ZQV 2.5/2	B.4	1608880000	ZQV 2.5/4	B.15
1312700000	Q 4 DLJ	E.130	1579010000	WQB B/2	E.132	1608860000	ZQV 2.5/2	B.5	1608880000	ZQV 2.5/4	B.23
1312700000	Q 4 DLJ	E.70	1579020000	WQB B/3	E.132	1608860000	ZQV 2.5/2	C.14	1608880000	ZQV 2.5/4	B.25
1312700000	Q 4 DLJ	E.71	1579030000	WQB B/4	E.132	1608860000	ZQV 2.5/2	C.18	1608880000	ZQV 2.5/4	C.35
1312700000	Q 4 DLJ	E.72	1579050000	WQB B/10	E.132	1608860000	ZQV 2.5/2	C.20	1608880000	ZQV 2.5/4	D.41
1312700000	Q 4 DLJ	E.73	1579060000	WQB B/24	E.132	1608860000	ZQV 2.5/2	C.22	1608880000	ZQV 2.5/4	D.105
1312800000	Q 5 DLJ	E.130				1608860000	ZQV 2.5/2	C.23	1608880000	ZQV 2.5/4	D.107
1313100000	Q 10 DLJ	E.73				1608860000	ZQV 2.5/2	C.6	1608880000	ZQV 2.5/4	B.11
1313100000	Q 10 DLJ	E.70				1608860000	ZQV 2.5/2	C.7	1608880000	ZQV 2.5/4	B.12
1313100000	Q 10 DLJ	E.71	1592810000	KLBLUE 4-13.5	G.4	1608860000	ZQV 2.5/2	D.104	1608880000	ZQV 2.5/4	B.14
1313100000	Q 10 DLJ	E.72				1608860000	ZQV 2.5/2	D.105	1608880000	ZQV 2.5/4	B.17
1313100000	Q 10 DLJ	E.73				1608860000	ZQV 2.5/2	D.14	1608880000	ZQV 2.5/4	B.18
1313260000	AP DLJ2.5	E.115				1608860000	ZQV 2.5/2	D.18	1608880000	ZQV 2.5/4	B.21
1318061187	DEK 6 GW PE	G.41	1600480000	KLBLUE 3-8	G.4	1608860000	ZQV 2.5/2	D.20	1608880000	ZQV 2.5/4	B.22
1318061198	DEK 6 GW +	G.41	1600490000	KLBLUE 10-20	G.4	1608860000	ZQV 2.5/2	D.106	1608880000	ZQV 2.5/4	B.24
1318061199	DEK 6 GW -	G.41	1604200000	SSP WTL6/2	E.55	1608860000	ZQV 2.5/2	D.40	1608880000	ZQV 2.5/4	B.4
1318061202	DEK 6 GW ERDE	G.41	1604200000	SSP WTL6/2	E.59	1608860000	ZQV 2.5/2	D.42	1608880000	ZQV 2.5/4	B.5
1318061203	DEK 6 GW ERDE 1.KR.	G.41	1604200000	SSP WTL6/2	E.62	1608860000	ZQV 2.5/2	D.46	1608880000	ZQV 2.5/4	C.14
1318091737	DEK 6 GW RT/SW +	G.41	1604270000	WKS 1/2	E.55	1608860000	ZQV 2.5/2	D.47	1608880000	ZQV 2.5/4	C.18
1318091741	DEK 6 GW BL/SW -	G.41	1604270000	WKS 1/2	E.59	1608860000	ZQV 2.5/2	D.52	1608880000	ZQV 2.5/4	C.20
1319260000	QVS 2/4 SAKT4	E.56	1604270000	WKS 1/2	E.63	1608860000	ZQV 2.5/2	D.107	1608880000	ZQV 2.5/4	C.22
1319360000	SSP 4 SAKT4	E.56	1604280000	WKB 1/2	E.57	1608860000	ZQV 2.5/2	D.6	1608880000	ZQV 2.5/4	C.23
1319360000	SSP 4 SAKT4	E.62	1604280000	WKB 1/2	E.63	1608860000	ZQV 2.5/2	D.109	1608880000	ZQV 2.5/4	C.6
1319900000	BFSC M3X22 SAKT4	E.56	1604290000	WKS 1/3	E.59	1608860000	ZQV 2.5/2	B.16	1608880000	ZQV 2.5/4	C.7
			1604290000	WKS 1/3	E.63	1608860000	ZQV 2.5/2	B.19	1608880000	ZQV 2.5/4	D.104
			1604300000	WKB 1/3	E.57	1608860000	ZQV 2.5/2	B.31	1608880000	ZQV 2.5/4	D.106
			1604300000	WKB 1/3	E.63	1608860000	ZQV 2.5/2	B.7	1608880000	ZQV 2.5/4	D.109
			1604310000	WKS 1/4	E.59	1608860000	ZQV 2.5/2	C.15	1608880000	ZQV 2.5/4	D.14
			1604310000	WKS 1/4	E.63	1608860000	ZQV 2.5/2	C.28	1608880000	ZQV 2.5/4	D.18
			1604320000	WKB 1/4	E.57	1608860000	ZQV 2.5/2	C.31	1608880000	ZQV 2.5/4	D.20
			1604320000	WKB 1/4	E.63	1608860000	ZQV 2.5/2	C.34	1608880000	ZQV 2.5/4	D.40
			1604330000	WKB 1/10	E.63	1608860000	ZQV 2.5/2	C.43	1608880000	ZQV 2.5/4	D.42
			1607710000	ESO 5 DIN A4 WEISS BOG.	G.49	1608860000	ZQV 2.5/2	D.111	1608880000	ZQV 2.5/4	D.46
			1607720000	ESO 7 A4-BOGEN WEISS	D.84	1608860000	ZQV 2.5/2	D.124	1608880000	ZQV 2.5/4	D.47
			1607720000	ESO 7 A4-BOGEN WEISS	D.85	1608860000	ZQV 2.5/2	D.17	1608880000	ZQV 2.5/4	D.52
			1607720000	ESO 7 A4-BOGEN WEISS	D.86	1608860000	ZQV 2.5/2	D.19	1608880000	ZQV 2.5/4	D.6
			1607720000	ESO 7 A4-BOGEN WEISS	G.49	1608860000	ZQV 2.5/2	D.36	1608880000	ZQV 2.5/4	B.16
			1607720000	ESO 7 A4-BOGEN WEISS	G.51	1608860000	ZQV 2.5/2	D.53	1608880000	ZQV 2.5/4	B.19
			1608510000	ZDU 2.5	D.6	1608860000	ZQV 2.5/2	D.54	1608880000	ZQV 2.5/4	B.31
			1608520000	ZDU 2.5 BL	D.6	1608860000	ZQV 2.5/2	D.60	1608880000	ZQV 2.5/4	C.15
			1608540000	ZDU 2.5/3AN	D.6	1608860000	ZQV 2.5/2	D.62	1608880000	ZQV 2.5/4	C.28
			1608550000	ZDU 2.5/3AN BL	D.6	1608860000	ZQV 2.5/2	D.7	1608880000	ZQV 2.5/4	C.31
			1608570000	ZDU 2.5/4AN	D.7	1608860000	ZQV 2.5/2	D.92	1608880000	ZQV 2.5/4	C.34
			1608580000	ZDU 2.5/4AN BL	D.7	1608860000	ZQV 2.5/2	D.93	1608880000	ZQV 2.5/4	C.43
			1608600000	ZDU 2.5/2X2AN	D.144	1608860000	ZQV 2.5/2	E.30	1608880000	ZQV 2.5/4	D.124
			1608600000	ZDU 2.5/2X2AN	D.7	1608870000	ZQV 2.5/3	B.15	1608880000	ZQV 2.5/4	D.19
			1608610000	ZDU 2.5/2X2AN BL	D.7	1608870000	ZQV 2.5/3	B.23	1608880000	ZQV 2.5/4	D.36
			1608620000	ZDU 6	D.9	1608870000	ZQV 2.5/3	B.25	1608880000	ZQV 2.5/4	D.53
			1608630000	ZDU 6 BL	D.9	1608870000	ZQV 2.5/3	C.35	1608880000	ZQV 2.5/4	D.54
			1608640000	ZPE 2.5	D.23	1608870000	ZQV 2.5/3	D.41	1608880000	ZQV 2.5/4	D.60
			1608650000	ZPE 2.5/3AN	D.23	1608870000	ZQV 2.5/3	D.105	1608880000	ZQV 2.5/4	D.62
			1608660000	ZPE 2.5/4AN	D.24	1608870000	ZQV 2.5/3	D.107	1608880000	ZQV 2.5/4	D.7
			1608670000	ZPE 6	E.26	1608870000	ZQV 2.5/3	B.11	1608880000	ZQV 2.5/4	D.92
			1608740000	ZAP/TW 1	D.114	1608870000	ZQV 2.5/3	B.12	1608880000	ZQV 2.5/4	D.93
			1608740000	ZAP/TW 1	D.23	1608870000	ZQV 2.5/3	B.14	1608880000	ZQV 2.5/4	E.30
			1608740000	ZAP/TW 1	D.52	1608870000	ZQV 2.5/3	B.17	1608890000	ZQV 2.5/5	B.31
			1608740000	ZAP/TW 1	D.6	1608870000	ZQV 2.5/3	B.18	1608890000	ZQV 2.5/5	C.43
			1608740000	ZAP/TW 1	E.115	1608870000	ZQV 2.5/3	B.21	1608890000	ZQV 2.5/5	D.124
			1608740000	ZAP/TW 1	E.56	1608870000	ZQV 2.5/3	B.22	1608900000	ZQV 2.5/6	B.31
			1608750000	ZAP/TW 1 BL	D.114	1608870000	ZQV 2.5/3	B.24	1608900000	ZQV 2.5/6	C.43
			1608750000	ZAP/TW 1 BL	D.6	1608870000	ZQV 2.5/3	B.4	1608900000	ZQV 2.5/6	D.124
			1608750000	ZAP/TW 1 BL	E.115	1608870000	ZQV 2.5/3	B.5	1608910000	ZQV 2.5/7	B.31
			1608760000	ZAP/TW 1 OR	D.114	1608870000	ZQV 2.5/3	C.14	1608910000	ZQV 2.5/7	C.43
			1608760000	ZAP/TW 1 OR	E.115	1608870000	ZQV 2.5/3	C.18	1608910000	ZQV 2.5/7	D.124
			1608770000	ZAP/TW 2 DB	D.114	1608870000	ZQV 2.5/3	C.20	1608920000	ZQV 2.5/8	B.31
			1608770000	ZAP/TW 2 DB	D.23	1608870000	ZQV 2.5/3	C.22	1608920000	ZQV 2.5/8	C.43
			1608770000	ZAP/TW 2 DB	D.6	1608870000	ZQV 2.5/3	C.23	1608920000	ZQV 2.5/8	D.124
			1608780000	ZAP/TW 2 BL	D.114	1608870000	ZQV 2.5/3	C.6	1608930000	ZQV 2.5/9	B.31
			1608780000	ZAP/TW 2 BL	D.6	1608870000	ZQV 2.5/3	C.7	1608930000	ZQV 2.5/9	C.43
			1608790000	ZAP/TW 2 OR	D.114	1608870000	ZQV 2.5/3	D.104	1608930000	ZQV 2.5/9	D.124
			1608800000	ZAP/TW 3	D.56	1608870000	ZQV 2.5/3	D.106	1608940000	ZQV 2.5/10	B.15
			1608800000	ZAP/TW 3	D.102	1608870000	ZQV 2.5/3	D.109	1608940000	ZQV 2.5/10	B.23
			1608800000	ZAP/TW 3	D.103	1608870000	ZQV 2.5/3	D.14	1608940000	ZQV 2.5/10	B.25
			1608800000	ZAP/TW 3	D.7	1608870000	ZQV 2.5/3	D.18	1608940000	ZQV 2.5/10	C.35
			1608800000	ZAP/TW 3	D.114	1608870000	ZQV 2.5/3	D.20	1608940000	ZQV 2.5/10	D.41
			1608800000	ZAP/TW 3	D.24	1608870000	ZQV 2.5/3	D.40	1608940000	ZQV 2.5/10	D.105
			1608800000	ZAP/TW 3	D.52	1608870000	ZQV 2.5/3	D.42	1608940000	ZQV 2.5/10	D.107
			1608800000	ZAP/TW 3	D.53	1608870000	ZQV 2.5/3	D.46	1608940000	ZQV 2.5/10	B.11
			1608810000	ZAP/TW 3 BL	D.7	1608870000	ZQV 2.5/3	D.47	1608940000	ZQV 2.5/10	B.12
			1608810000	ZAP/TW 3 BL	D.114	1608870000	ZQV 2.5/3	D.52	1608940000	ZQV 2.5/10	B.14
			1608820000	ZAP/TW 3 OR	D.114	1608870000	ZQV 2.5/3	D.6	1608940000	ZQV 2.5/10	B.17
			1608830000	ZAP/TW 5	D.115	1608870000	ZQV 2.5/3	B.16	1608940000	ZQV 2.5/10	B.18
			1608830000	ZAP/TW 5	D.26	1608870000	ZQV 2.5/3	B.19	1608940000	ZQV 2.5/10	B.21
			1608830000	ZAP/TW 5	D.9	1608870000	ZQV 2.5/3	B.31	1608940000	ZQV 2.5/10	B.22
			1608840000	ZAP/TW 5 BL	D.115	1608870000	ZQV 2.5/3	C.15	1608940000	ZQV 2.5/10	B.24
			1608840000	ZAP/TW 5 BL	D.9	1608870000	ZQV 2.5/3	C.28	1608940000	ZQV 2.5/10	B.4
			1577320000	WAP WDU1.5/BLZ/ZA	E.78	1608850000	ZAP/TW 5 OR	D.115	1608940000	ZQV 2.5/10	B.5
			1577320000	WAP WDU1.5/BLZ/ZA	E.79	1608860000	ZQV 2.5/2	B.15	1608940000	ZQV 2.5/10	C.14
			1577320000	WAP WDU1.5/BLZ/ZA	E.115	1608860000	ZQV 2.5/2	B.23	1608940000	ZQV 2.5/10	C.18
			1577330000	WAP WDU1.5/BLZ	E.78	1608860000	ZQV 2.5/2	B.25	1608940000	ZQV 2.5/10	C.20
			1577330000	WAP WDU1.5/BLZ	E.79	1608860000	ZQV 2.5/2	C.35	1608940000	ZQV 2.5/10	C.22
			1577340000	WDU 1.5/BLZ 5.08	E.78	1608860000	ZQV 2.5/2				

Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page
1608940000	ZQV 2.5/10	D.14	1609030000	ZQV 4/10 GE	D.49	1616400000	ZSI 2.5	D.56	1633220000	ZQS 2.5/4	D.125
1608940000	ZQV 2.5/10	D.18	1609030000	ZQV 4/10 GE	D.8	1616410000	ZSI 2.5/LD 250AC	D.56	1633220000	ZQS 2.5/4	D.57
1608940000	ZQV 2.5/10	D.20	1609030000	ZQV 4/10 GE	C.19	1616420000	ZSI 2.5/LD 120AC	D.56	1633230000	ZQS 2.5/5	D.125
1608940000	ZQV 2.5/10	D.40	1609030000	ZQV 4/10 GE	C.21	1616430000	ZSI 2.5/LD 60AC	D.56	1633250000	VLI 1.5	E.74
1608940000	ZQV 2.5/10	D.42	1609030000	ZQV 4/10 GE	C.23	1616440000	ZSI 2.5/LD 28AC	D.56	1634780000	ESO 7 A4-BOGEN GELB	G.49
1608940000	ZQV 2.5/10	D.46	1609030000	ZQV 4/10 GE	C.43	1616460000	ZSI 2.5/2 500AC	D.57	1634780000	ESO 7 A4-BOGEN GELB	G.51
1608940000	ZQV 2.5/10	D.47	1609030000	ZQV 4/10 GE	D.124	1616470000	ZSI 2.5/2/LD 28AC	D.57	1635000000	WS 10/5 MC NEUTRAL	G.46
1608940000	ZQV 2.5/10	D.52	1609030000	ZQV 4/10 GE	D.60	1616480000	ZSI 2.5/2/LD 60AC	D.57	1635000000	WS 10/5 MC NEUTRAL	G.48
1608940000	ZQV 2.5/10	D.6	1609030000	ZQV 4/10 GE	D.62	1616490000	ZSI 2.5/2/LD 120AC	D.57	1635010000	WS 10/5 MC BEDRUCKT	G.46
1608940000	ZQV 2.5/10	B.16	1609030000	ZQV 4/10 GE	D.9	1616500000	ZSI 2.5/2/LD 250AC	D.57	1636510000	ESO 15 BOGEN DIN A4	G.51
1608940000	ZQV 2.5/10	B.19	1609040000	ZTA 1	D.23				1636520000	STR 15 F. ZGB 15	G.51
1608940000	ZQV 2.5/10	B.31	1609040000	ZTA 1	D.52				1636530000	ZGB 15	G.51
1608940000	ZQV 2.5/10	C.15	1609040000	ZTA 1	D.6				1636560000	WQV 16N/2	E.129
1608940000	ZQV 2.5/10	C.28	1609040000	ZTA 1	D.7				1636560000	WQV 16N/2	E.9
1608940000	ZQV 2.5/10	C.31	1609040000	ZTA 1	D.134	1623070000	BLZ 7.62/4 SN OR	E.79	1636560000	WQV 16N/3	E.129
1608940000	ZQV 2.5/10	C.34	1609040000	ZTA 1	D.24	1623090000	BLZ 7.62/6 SN OR	E.79	1636570000	WQV 16N/3	E.9
1608940000	ZQV 2.5/10	C.43	1609050000	ZTA 1/ZA	D.23	1623110000	BLZ 7.62/8 SN OR	E.79	1636570000	WQV 16N/3	E.9
1608940000	ZQV 2.5/10	D.124	1609050000	ZTA 1/ZA	D.52	1623400000	BLZ 7.62/4B SN OR	E.79	1636580000	WQV 16N/4	E.129
1608940000	ZQV 2.5/10	D.19	1609050000	ZTA 1/ZA	D.6	1623420000	BLZ 7.62/6B SN OR	E.79	1636580000	WQV 16N/4	E.9
1608940000	ZQV 2.5/10	D.36	1609050000	ZTA 1/ZA	D.7	1623440000	BLZ 7.62/8B SN OR	E.79	1636640000	ZRH 4/1 WS	D.25
1608940000	ZQV 2.5/10	D.53	1609050000	ZTA 1/ZA	D.134	1627850000	ZQV 6/2 GE	D.111	1636640000	ZRH 4/1 WS	D.31
1608940000	ZQV 2.5/10	D.54	1609050000	ZTA 1/ZA	D.24	1627850000	ZQV 6/2 GE	D.17	1636640000	ZRH 4/1 WS	D.8
1608940000	ZQV 2.5/10	D.60	1609060000	ZTA 2 ZDU4	D.24	1627850000	ZQV 6/2 GE	D.56	1636640000	ZRH 4/1 WS	D.138
1608940000	ZQV 2.5/10	D.62	1609060000	ZTA 2 ZDU4	D.25	1627850000	ZQV 6/2 GE	D.9	1636640000	ZRH 4/1 WS	D.24
1608940000	ZQV 2.5/10	D.7	1609060000	ZTA 2 ZDU4	D.8	1627850000	ZQV 6/2 GE	D.125	1636640000	ZRH 4/1 WS	D.32
1608940000	ZQV 2.5/10	D.92	1609060000	ZTA 2 ZDU4	D.134	1627850000	ZQV 6/2 GE	D.54	1636640000	ZRH 4/1 WS	D.9
1608940000	ZQV 2.5/10	D.93	1609060000	ZTA 2 ZDU4	D.24	1627850000	ZQV 6/2 GE	D.58	1636650000	ZRH 4/2	D.25
1608940000	ZQV 2.5/10	E.30	1609070000	ZTA 2/ZA ZDU4	D.9	1627850000	ZQV 6/2 GE	D.59	1636650000	ZRH 4/2	D.31
1608950000	ZQV 4/2 GE	C.24	1609070000	ZTA 2/ZA ZDU4	D.25	1627850000	ZQV 6/2 GE	D.61	1636650000	ZRH 4/2	D.8
1608950000	ZQV 4/2 GE	C.8	1609070000	ZTA 2/ZA ZDU4	D.8	1627850000	ZQV 6/2 GE	D.63	1636650000	ZRH 4/2	D.138
1608950000	ZQV 4/2 GE	C.9	1609070000	ZTA 2/ZA ZDU4	D.134	1627860000	ZQV 6/3 GE	D.111	1636650000	ZRH 4/2	D.24
1608950000	ZQV 4/2 GE	D.108	1609070000	ZTA 2/ZA ZDU4	D.24	1627860000	ZQV 6/3 GE	D.17	1636650000	ZRH 4/2	D.32
1608950000	ZQV 4/2 GE	D.15	1609080000	ZAD 2/4	D.9	1627860000	ZQV 6/3 GE	D.56	1636650000	ZRH 4/2	D.9
1608950000	ZQV 4/2 GE	D.16	1609080000	ZAD 2/4	D.8	1627860000	ZQV 6/3 GE	D.9	1636660000	ZRH 4/3	D.138
1608950000	ZQV 4/2 GE	D.48	1609080000	ZAD 2/4	D.137	1627860000	ZQV 6/3 GE	D.125	1636780000	ZDU 2.5 OR	D.144
1608950000	ZQV 4/2 GE	D.49	1609110000	ZAD 1/4	D.37	1627860000	ZQV 6/3 GE	D.54	1636790000	ZDU 2.5/3AN OR	D.144
1608950000	ZQV 4/2 GE	D.73	1609110000	ZAD 1/4	D.15	1627860000	ZQV 6/3 GE	D.59	1636800000	ZDU 2.5/4AN OR	D.144
1608950000	ZQV 4/2 GE	D.8	1609110000	ZAD 1/4	D.16	1627860000	ZQV 6/3 GE	D.61	1636820000	ZDU 6 OR	D.145
1608950000	ZQV 4/2 GE	C.19	1609110000	ZAD 1/4	D.48	1627860000	ZQV 6/3 GE	D.63	1636830000	ZDU 4 OR	D.145
1608950000	ZQV 4/2 GE	C.21	1609110000	ZAD 1/4	D.49	1627870000	ZQV 6/4 GE	D.17			
1608950000	ZQV 4/2 GE	C.43	1609110000	ZAD 1/4	D.6	1627870000	ZQV 6/4 GE	D.111			
1608950000	ZQV 4/2 GE	D.124	1609120000	ZAD 3/4	D.7	1627870000	ZQV 6/4 GE	D.56			
1608950000	ZQV 4/2 GE	D.58	1609120000	ZAD 3/4	D.136	1627870000	ZQV 6/4 GE	D.9			
1608950000	ZQV 4/2 GE	D.60	1609120000	ZAD 3/4	D.9	1627870000	ZQV 6/4 GE	D.11			
1608950000	ZQV 4/2 GE	D.62	1609801044	DEK 5/5 MC-10 NEUT. WS	D.137	1627870000	ZQV 6/4 GE	D.125			
1608950000	ZQV 4/2 GE	D.9	1609801044	DEK 5/5 MC-10 NEUT. WS	D.5	1627870000	ZQV 6/4 GE	D.54			
1608960000	ZQV 4/3 GE	C.24	1609801044	DEK 5/5 MC-10 NEUT. WS	G.43	1627870000	ZQV 6/4 GE	D.59			
1608960000	ZQV 4/3 GE	C.8	1609801044	DEK 5/5 MC-10 NEUT. WS	G.49	1627870000	ZQV 6/4 GE	D.61			
1608960000	ZQV 4/3 GE	C.9	1609801044	DEK 5/5 MC-10 NEUT. WS	G.50	1627870000	ZQV 6/4 GE	D.63			
1608960000	ZQV 4/3 GE	D.108	1609801686	DEK 5/5 MC-10 NEUT. RT	G.51						
1608960000	ZQV 4/3 GE	D.15	1609801687	DEK 5/5 MC-10 NEUT. GE	G.48						
1608960000	ZQV 4/3 GE	D.16	1609801688	DEK 5/5 MC-10 NEUT. GN	G.43						
1608960000	ZQV 4/3 GE	D.48	1609801691	DEK 5/5 MC-10 NEUT. GR	G.43						
1608960000	ZQV 4/3 GE	D.49	1609801693	DEK 5/5 MC-10 NEUT. BL	G.43						
1608960000	ZQV 4/3 GE	D.8	1609810000	DEK 5/5 MC BEDRUCKT	G.43						
1608960000	ZQV 4/3 GE	C.19	1609820000	DEK 5/6 MC NEUTRAL	G.43						
1608960000	ZQV 4/3 GE	C.21	1609830000	DEK 5/6 MC BEDRUCKT	G.43						
1608960000	ZQV 4/3 GE	C.23	1609840000	DEK 5/6,5 MC NEUTRAL	G.43						
1608960000	ZQV 4/3 GE	C.43	1609850000	DEK 5/6,5 MC BEDRUCKT	G.43						
1608960000	ZQV 4/3 GE	D.11	1609860000	WS 12/5 MC NEUTRAL	G.46						
1608960000	ZQV 4/3 GE	D.124	1609860000	WS 12/5 MC NEUTRAL	G.50						
1608960000	ZQV 4/3 GE	D.17	1609860000	WS 12/5 MC NEUTRAL	G.51						
1608960000	ZQV 4/3 GE	D.60	1609870000	WS 12/5 MC BEDRUCKT	G.46						
1608960000	ZQV 4/3 GE	D.62	1609880000	WS 15/5 MC NEUTRAL	G.46						
1608960000	ZQV 4/3 GE	D.9	1609890000	WS 15/5 MC BEDRUCKT	G.46						
1608970000	ZQV 4/4 GE	C.24	1609900000	WS 12/6 MC NEUTRAL	G.46						
1608970000	ZQV 4/4 GE	C.8	1609910000	WS 12/6 MC BEDRUCKT	G.47						
1608970000	ZQV 4/4 GE	C.9	1609920000	WS 12/6,5 MC NEUTRAL	G.47						
1608970000	ZQV 4/4 GE	D.108	1609930000	WS 12/6,5 MC BEDRUCKT	G.47						
1608970000	ZQV 4/4 GE	D.15									
1608970000	ZQV 4/4 GE	D.16									
1608970000	ZQV 4/4 GE	D.48									
1608970000	ZQV 4/4 GE	D.49									
1608970000	ZQV 4/4 GE	D.8									
1608970000	ZQV 4/4 GE	C.19									
1608970000	ZQV 4/4 GE	C.21									
1608970000	ZQV 4/4 GE	C.23									
1608970000	ZQV 4/4 GE	C.43									
1608970000	ZQV 4/4 GE	D.124									
1608970000	ZQV 4/4 GE	D.60									
1608970000	ZQV 4/4 GE	D.62									
1608970000	ZQV 4/4 GE	D.9									
1608980000	ZQV 4/5 GE	C.43									
1608980000	ZQV 4/5 GE	D.124									
1608990000	ZQV 4/6 GE	C.43									
1608990000	ZQV 4/6 GE	D.124									
1609000000	ZQV 4/7 GE	C.43									
1609000000	ZQV 4/7 GE	D.124									
1609010000	ZQV 4/8 GE	C.43									
1609010000	ZQV 4/8 GE	D.124									
1609020000	ZQV 4/9 GE	C.43									
1609020000	ZQV 4/9 GE	D.124									
1609030000	ZQV 4/10 GE	C.24									
1609030000	ZQV 4/10 GE	C.8									
1609030000	ZQV 4/10 GE	C.9									
1609030000	ZQV 4/10 GE	D.108									
1609030000	ZQV 4/10 GE	D.15									
1609030000	ZQV 4/10 GE	D.16									
1609030000	ZQV 4/10 GE	D.48									
1610000000	ZS 10/5 MC NEUTRAL	G.47									
1610010000	ZS 10/5 MC BEDRUCKT	G.47									
1610020000	ZS 12/6 MC NEUTRAL	G.47									
1610030000	ZS 12/6 BEDRUCKT	G.47									
1610110000	TSTW D 4.3	G.30									
1610840000	ZAP TNHE/ZSI2.5	D.56									
1610840000	ZAP TNHE/ZSI2.5	D.57									
1611930000	ZGB 30	D.84									
1611930000	ZGB 30	D.85									
1611930000	ZGB 30	D.86									
1611930000	ZGB 30	G.51									
1614280000	ZRH 2.5/3	D.138									
1614290000	ZRH 2.5/2 GRV0	D.1									



Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page
1674650000	ZAP/TW ZPV1.5	D.115	1683660000	ZAP/TW 1 RT	E.115	1693830000	ZQV 2.5N/5 GE	D.125	<b>1710000000</b>		
1674650000	ZAP/TW ZPV1.5	D.92	1683680000	ZAP/TW 1 GN	D.114	1693830000	ZQV 2.5N/5 GE	E.125			
1674730000	ZAP/TW ZDK2.5	D.41	1683680000	ZAP/TW 1 GN	E.115	1693840000	ZQV 2.5N/6 GE	D.125			
1674730000	ZAP/TW ZDK2.5	D.105	1683710000	ZAP/TW 1 GR	D.114	1693840000	ZQV 2.5N/6 GE	E.125			
1674730000	ZAP/TW ZDK2.5	D.107	1683710000	ZAP/TW 1 GR	E.115	1693850000	ZQV 2.5N/7 GE	D.125			
1674730000	ZAP/TW ZDK2.5	D.106	1683760000	ZAP/TW 2 GN	D.114	1693850000	ZQV 2.5N/7 GE	E.125			
1674730000	ZAP/TW ZDK2.5	D.40	1683820000	ZAP/TW 3 RT	D.114	1693860000	ZQV 2.5N/8 GE	D.125			
1674730000	ZAP/TW ZDK2.5	D.114	1683840000	ZAP/TW 3 GR	D.114	1693860000	ZQV 2.5N/8 GE	E.125			
1674730000	ZAP/TW ZDK2.5	D.44	1683870000	ZAP/TW 3 GR	D.114	1693870000	ZQV 2.5N/9 GE	D.125			
1675350000	KLBUJ 2X2-6	G.4	1683880000	ZAP/TW 3 WS	D.114	1693870000	ZQV 2.5N/9 GE	E.125			
1676630000	ZPV 1.5	D.92	1683890000	ZAP/TW 3 SW	D.114	1693880000	ZQV 2.5N/10 GE	D.71			
1676640000	ZDUS	D.139	1683920000	ZAP/TW 4 GN	D.115	1693880000	ZQV 2.5N/10 GE	D.70			
1677120000	ZQB 2.5-2	D.96	1686380001	LM MT300 20X8 SI	G.33	1693880000	ZQV 2.5N/10 GE	D.78			
1677120000	ZQB 2.5-2	D.97	1686381044	LM MT300 20X8 WS	G.33	1693880000	ZQV 2.5N/10 GE	D.85			
1677120000	ZQB 2.5-2	D.98	1686381687	LM MT300 20X8 GE	G.33	1693880000	ZQV 2.5N/10 GE	E.16			
1677120000	ZQB 2.5-2	D.125	1686920000	PRINT KIT	G.57	1693880000	ZQV 2.5N/10 GE	E.29			
1677120000	ZQB 2.5-2	D.15	1688110000	ZTA 4	D.41	1693880000	ZQV 2.5N/10 GE	E.4			
1678630000	ZDK 2.5 BL	D.40	1688110000	ZTA 4	D.14	1693880000	ZQV 2.5N/10 GE	E.5			
1678680000	ZST	D.139	1688110000	ZTA 4	D.30	1693880000	ZQV 2.5N/10 GE	D.100			
1678800000	ZRH 1.5H/2	D.41	1688110000	ZTA 4	D.40	1693880000	ZQV 2.5N/10 GE	D.125			
1678800000	ZRH 1.5H/2	D.105	1688110000	ZTA 4	D.42	1693880000	ZQV 2.5N/10 GE	D.53			
1678800000	ZRH 1.5H/2	D.107	1688110000	ZTA 4	D.46	1693880000	ZQV 2.5N/10 GE	D.72			
1678800000	ZRH 1.5H/2	D.104	1688110000	ZTA 4	D.47	1693880000	ZQV 2.5N/10 GE	D.80			
1678800000	ZRH 1.5H/2	D.106	1688110000	ZTA 4	D.105	1693880000	ZQV 2.5N/10 GE	D.86			
1678800000	ZRH 1.5H/2	D.109	1688110000	ZTA 4	D.135	1693880000	ZQV 2.5N/10 GE	D.99			
1678800000	ZRH 1.5H/2	D.14	1688110000	ZTA 4	D.15	1693880000	ZQV 2.5N/10 GE	E.125			
1678800000	ZRH 1.5H/2	D.18	1688110000	ZTA 4	D.31	1693880000	ZQV 2.5N/10 GE	E.14			
1678800000	ZRH 1.5H/2	D.20	1688110000	ZTA 4	D.44	1693880000	ZQV 2.5N/10 GE	E.17			
1678800000	ZRH 1.5H/2	D.30	1688110000	ZTA 4	D.50	1693890000	ZQV 2.5N/50 GE	D.100			
1678800000	ZRH 1.5H/2	D.34	1689960000	ZDK 2.5N-DU	D.41	1693890000	ZQV 2.5N/50 GE	D.99			
1678800000	ZRH 1.5H/2	D.36	1689970000	ZDK 2.5DU-PE	D.41	1693940000	ZDK 2.5LD RT/2	D.105			
1678800000	ZRH 1.5H/2	D.40	1689980000	ZDK 2.5N-PE	D.41	1694140000	ZDK 2.5 OR	D.105			
1678800000	ZRH 1.5H/2	D.42	1689990000	ZDK 2.5V	D.40	1694140000	ZDK 2.5 OR	D.144			
1678800000	ZRH 1.5H/2	D.43	<b>1690000000</b>			1697540000	ZQV 2.5/50	D.92			
1678800000	ZRH 1.5H/2	D.46				1697540000	ZQV 2.5/50	D.93	1698160000	ZRV 1.5	D.82
1678800000	ZRH 1.5H/2	D.47				1698160000	ZRV 1.5	D.82	1698170000	ZRV 1.5/PE	D.82
1678800000	ZRH 1.5H/2	D.138				1690000000	ZDK 2.5PE	D.44	1698180000	AP ZRV1.5 DB	D.82
1678800000	ZRH 1.5H/2	D.15				1690010000	ZDK 2.5LD RT/1	D.105	1698180000	AP ZRV1.5 DB	D.115
1678800000	ZRH 1.5H/2	D.19				1690020000	ZDK 2.5/D/1	D.106	1698190000	STGH 4 ZRV1.5	D.82
1678800000	ZRH 1.5H/2	D.31				1690030000	ZDK 2.5/D/2	D.106	1698200000	STGH 4 ZRV1.5/PE GN	D.82
1678800000	ZRH 1.5H/2	D.35				1690040000	ZDK 2.5/D/4	D.107	1698770000	ZDU 4 GE/GN	D.145
1678800000	ZRH 1.5H/2	D.44				1690050000	ZDK 2.5/D/5	D.107	1698780000	ZDU 2.5 GE/GN	D.144
1678800000	ZRH 1.5H/2	D.50				1690060000	ZDK 2.5/D/6	D.107	1698790000	ZDU 2.5/3AN GE/GN	D.144
1678810000	ZRH 1.5H/1	D.41	1690080000	ZAP/TW ZDK2.5 OR	D.114	1698800000	ZDU 6 GE/GN	D.145			
1678810000	ZRH 1.5H/1	D.105	1692240000	ZDU 2.5/4AN GE/GN	D.144	<b>1700000000</b>					
1678810000	ZRH 1.5H/1	D.107	1692261001	KLBUJ 3-8 SC	G.8				1704340000	ZTW ZDUB	D.116
1678810000	ZRH 1.5H/1	D.104	1692590000	ZDU 2.5/2X2AN/LD+	D.102				1704350000	ZDUB 2.5-2/2AN/DM	D.97
1678810000	ZRH 1.5H/1	D.106	1692600000	ZDU 2.5/2X2AN/LD-	D.102				1704360000	ZDUB 2.5-2/2AN/DM BL	D.97
1678810000	ZRH 1.5H/1	D.109	1693800000	ZQV 2.5N/2 GE	D.71				1704370000	ZDUB 2.5-2/2AN/DM OR	D.145
1678810000	ZRH 1.5H/1	D.14	1693800000	ZQV 2.5N/2 GE	D.70				1704380000	ZDUB 2.5-2/2AN/DM GE	D.97
1678810000	ZRH 1.5H/1	D.18	1693800000	ZQV 2.5N/2 GE	D.78				1704500000	ZDUB 2.5-2/2AN/DB	D.97
1678810000	ZRH 1.5H/1	D.20	1693800000	ZQV 2.5N/2 GE	D.85				1704510000	ZDUB 2.5-2/2AN/DB BL	D.145
1678810000	ZRH 1.5H/1	D.30	1693800000	ZQV 2.5N/2 GE	E.26				1704520000	ZDUB 2.5-2/2AN/DB OR	D.97
1678810000	ZRH 1.5H/1	D.34	1693800000	ZQV 2.5N/2 GE	E.5				1704530000	ZDUB 2.5-2/2AN/DB GE	D.97
1678810000	ZRH 1.5H/1	D.36	1693800000	ZQV 2.5N/2 GE	D.125	1704540000	ZDUB 2.5-2/4AN/DM	D.97			
1678810000	ZRH 1.5H/1	D.40	1693800000	ZQV 2.5N/2 GE	D.153	1704550000	ZDUB 2.5-2/4AN/DM BL	D.97			
1678810000	ZRH 1.5H/1	D.43	1693800000	ZQV 2.5N/2 GE	D.72	1704560000	ZDUB 2.5-2/4AN/DM OR	D.145			
1678810000	ZRH 1.5H/1	D.46	1693800000	ZQV 2.5N/2 GE	D.80	1704570000	ZDUB 2.5-2/4AN/DM GE	D.97			
1678810000	ZRH 1.5H/1	D.138	1693800000	ZQV 2.5N/2 GE	D.86	1704690000	ZDUB 2.5-2/4AN/DB	D.97			
1678810000	ZRH 1.5H/1	D.15	1693800000	ZQV 2.5N/2 GE	D.99	1704700000	ZDUB 2.5-2/4AN/DB BL	D.97			
1678810000	ZRH 1.5H/1	D.19	1693800000	ZQV 2.5N/2 GE	E.125	1704720000	ZDUB 2.5-2/4AN/DB GE	D.97			
1678810000	ZRH 1.5H/1	D.31	1693800000	ZQV 2.5N/2 GE	E.14	1704740000	ZBB ZDUB	D.97			
1678810000	ZRH 1.5H/1	D.35	1693800000	ZQV 2.5N/2 GE	E.17	1704750000	ZAP ZDUB	D.96			
1678810000	ZRH 1.5H/1	D.44	1693800000	ZQV 2.5N/2 GE	D.71	1704750000	ZAP ZDUB	D.97			
1678810000	ZRH 1.5H/1	D.50	1693810000	ZQV 2.5N/3 GE	D.70	1704750000	ZAP ZDUB	D.98			
1678810000	ZRH 1.5H/1	D.50	1693810000	ZQV 2.5N/3 GE	D.78	1704750000	ZAP ZDUB	D.116			
1683260000	ZDU 2.5 RT	D.144	1693810000	ZQV 2.5N/3 GE	D.85	1704750000	ZAP ZDUB	D.99			
1683270000	ZDU 2.5 GE	D.144	1693810000	ZQV 2.5N/3 GE	E.16	1704760000	ZAP ZDUB BL	D.96			
1683280000	ZDU 2.5 GN	D.144	1693810000	ZQV 2.5N/3 GE	E.29	1704760000	ZAP ZDUB BL	D.97			
1683290000	ZDU 2.5 VI	D.144	1693810000	ZQV 2.5N/3 GE	E.4	1704760000	ZAP ZDUB BL	D.98			
1683300000	ZDU 2.5 BR	D.144	1693810000	ZQV 2.5N/3 GE	E.5	1704760000	ZAP ZDUB BL	D.116			
1683310000	ZDU 2.5 GR	D.144	1693810000	ZQV 2.5N/3 GE	D.100	1704770000	ZAP ZDUB OR	D.96			
1683320000	ZDU 2.5 WS	D.144	1693810000	ZQV 2.5N/3 GE	D.125	1704770000	ZAP ZDUB OR	D.98			
1683330000	ZDU 2.5 SW	D.144	1693810000	ZQV 2.5N/3 GE	D.53	1704770000	ZAP ZDUB OR	D.116			
1683330000	ZDU 2.5 SW	D.144	1693810000	ZQV 2.5N/3 GE	D.72	1704770000	ZAP ZDUB OR	D.96			
1683340000	ZDU 2.5/3AN RT	D.144	1693810000	ZQV 2.5N/3 GE	D.80	1705310000	DFFC 0.2-0.35 ZRV1.5	D.82			
1683350000	ZDU 2.5/3AN GE	D.144	1693810000	ZQV 2.5N/3 GE	D.86	1705320000	DFFC .5-1.0 ZRV1.5	D.82			
1683360000	ZDU 2.5/3AN GN	D.144	1693810000	ZQV 2.5N/3 GE	D.99	1706010000	ZDU 2.5-2/3AN	D.14			
1683390000	ZDU 2.5/3AN GR	D.144	1693810000	ZQV 2.5N/3 GE	E.125	1706040000	ZDU 2.5-2/3AN BL	D.14			
1683400000	ZDU 2.5/3AN WS	D.144	1693810000	ZQV 2.5N/3 GE	E.14	1706050000	ZDU 2.5-2/3AN OR	D.144			
1683410000	ZDU 2.5/3AN SW	D.144	1693810000	ZQV 2.5N/3 GE	E.17	1706060000	ZDU 2.5-2/4AN	D.15			
1683420000	ZDU 2.5/4AN RT	D.144	1693820000	ZQV 2.5N/4 GE	D.71	1706070000	ZDU 2.5-2/4AN BL	D.15			
1683430000	ZDU 2.5/4AN GE	D.144	1693820000	ZQV 2.5N/4 GE	D.70	1706080000	ZDU 2.5-2/4AN OR	D.144			
1683440000	ZDU 2.5/4AN GN	D.144	1693820000	ZQV 2.5N/4 GE	D.78	1706090000	ZPE 2.5-2/3AN	D.30			
1683460000	ZDU 2.5/4AN BR	D.144	1693820000	ZQV 2.5N/4 GE	E.16	1706100000	ZPE 2.5-2/4AN	D.31			
1683470000	ZDU 2.5/4AN GR	D.144	1693820000	ZQV 2.5N/4 GE	E.29	1706110000	ZAP/TW7	D.104			
1683480000	ZDU 2.5/4AN WS	D.144	1693820000	ZQV 2.5N/4 GE	E.4	1706110000	ZAP/TW7	D.14			
1683490000	ZDU 2.5/4AN SW	D.144	1693820000	ZQV 2.5N/4 GE	E.5	1706110000	ZAP/TW7	D.30			
1683580000	ZDU 4 RT	D.145	1693820000	ZQV 2.5N/4 GE	D.100	1706110000	ZAP/TW7	D.115			
1683590000	ZDU 4 GE	D.145	1693820000	ZQV 2.5N/4 GE	D.125	1706110000	ZAP/TW7	D.15			
1683600000	ZDU 4 GN	D.145	1693820000	ZQV 2.5N/4 GE	D.53	1706110000	ZAP/TW7	D.31			
1683610000	ZDU 4 VI	D.145	1693820000	ZQV 2.5N/4 GE	D.72	1706110000	ZAP/TW7	D.54			
1683620000	ZDU 4 BR	D.145	1693820000	ZQV 2.5N/4 GE	D.80	1706120000	ZAP/TW7 BL	D.14			
1683630000	ZDU 4 GR	D.145	1693820000	ZQV 2.5N/4 GE	D.99	1706120000	ZAP/TW7 BL	D.115			
1683640000	ZDU 4 WS	D.145	1693820000	ZQV 2.5N/4 GE	E.125	1706120000	ZAP/TW7 BL	D.15			
1683650000	ZDU 4 SW	D.145	1693820000	ZQV 2.5N/4 GE	E.14	1706130000	ZAP/TW7 OR	D.115			
1683660000	ZAP/TW 1 RT	D.114	1693820000	ZQV 2.5N/4 GE	E.17	<b>1730000000</b>					
1711930000											

Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page
1739680000	ZQV 10/2	D.61	1755081001	KLBUE CO 5	G.5	1764110000	ZAP/TW ZDU10 BL	D.10	1772960000	ZPE 16-2/1AN	D.51
1739680000	ZQV 10/2	D.65	1755270000	DEK 5/3,5 MC NEUTRAL	G.43	1764110000	ZAP/TW ZDU10 BL	D.115	1772970000	ZAP/Z...16-2/1AN	D.115
1739690000	ZQV 16/2	B.10	1755280001	DEK 5/3,5 MC GW 1	G.40	1764540000	ZBS1 SET	D.139	1772970000	ZAP/Z...16-2/1AN	D.17
1739690000	ZQV 16/2	B.31	1755280002	DEK 5/3,5 MC GW 2	G.40	1764550000	ZBS1 F.0 SET	D.139	1772970000	ZAP/Z...16-2/1AN	D.33
1739690000	ZQV 16/2	B.6	1755280003	DEK 5/3,5 MC GW 3	G.40	1764560000	ZAD 1/4-2 GE	D.14	1772970000	ZAP/Z...16-2/1AN	D.51
1739690000	ZQV 16/2	D.11	1755280004	DEK 5/3,5 MC GW 4	G.40	1764560000	ZAD 1/4-2 GE	D.46	1773330001	WS 12/5 FWZ 1-10	G.41
1739690000	ZQV 16/2	D.125	1755280005	DEK 5/3,5 MC GW 5	G.40	1764560000	ZAD 1/4-2 GE	D.47	1773330011	WS 12/5 FWZ 11-20	G.41
1739690000	ZQV 16/2	D.61	1755280006	DEK 5/3,5 MC GW 6	G.40	1764560000	ZAD 1/4-2 GE	D.137	1773330021	WS 12/5 FWZ 21-30	G.41
1739690000	ZQV 16/2	D.63	1755280007	DEK 5/3,5 MC GW 7	G.40	1764560000	ZAD 1/4-2 GE	D.15	1773330031	WS 12/5 FWZ 31-40	G.41
1739690000	ZQV 16/2	D.64	1755280008	DEK 5/3,5 MC GW 8	G.40	1766240000	ZEI 16 BL	C.40	1773330041	WS 12/5 FWZ 41-50	G.41
1739700000	ZQV 35/2	D.12	1755280009	DEK 5/3,5 MC GW 9	G.40	1766240000	ZEI 16 BL	D.11	1773360000	WS 8/5 Sonderdr. Laser	G.41
1739700000	ZQV 35/2	D.125	1755281000	DEK 5/3,5 MC GW 0	G.40	1766240000	ZEI 16 BL	D.118	1773370000	WS 10/5 Sonderdr. Laser	G.41
			1757970000	ZAP ZDU4/NT	D.117	1767090000	SPEEDMARKING-LASER	G.53	1773380000	WS 12/5 Sonderdr. Laser	G.41
			1757970000	ZAP ZDU4/NT	D.65	1767670000	ZPE 10/3AN	D.27	1773410000	AP 100 GR	E.116
			1757980000	ZDU 4/NT	D.65	1767690000	ZDU 10/3AN	D.10	1773430001	WS 12/5 FSZ 1-10	G.41
1741260001	MC-Mobilo 110W/220V	G.57	1758250000	ZQV 4N/2 GE	E.31	1767700000	ZDU 10/3AN BL	D.10	1773430011	WS 12/5 FSZ 11-20	G.41
1742630000	BTWZ KLBUE	G.8	1758250000	ZQV 4N/2 GE	E.7	1767730000	DEK 5/3,5 MC bedruckt	G.43	1773430021	WS 12/5 FSZ 21-30	G.41
1745150000	ZAP/TW ZDU16	D.11	1758250000	ZQV 4N/2 GE	E.17	1768000000	ZMAK 2.5	D.43	1773430031	WS 12/5 FSZ 31-40	G.41
1745150000	ZAP/TW ZDU16	D.115	1758250000	ZQV 4N/2 GE	E.32	1768010000	ZAP ZMAK2.5	D.115	1773430041	WS 12/5 FSZ 41-50	G.41
1745150000	ZAP/TW ZDU16	D.28	1758250000	ZQV 4N/2 GE	E.65	1768010000	ZAP ZMAK2.5	D.43	1773521686	WS 8/5 MC neutral RT	G.46
1745160000	ZAP/TW ZDU16 OR	D.115	1758250000	ZQV 4N/2 GE	E.67	1768020000	BS 35II KLBUE2X3-8/2X2-6	G.10	1773521687	WS 8/5 MC neutral GE	G.46
1745180000	ZHP Z/W BL	D.61	1758250000	ZQV 4N/2 GE	E.125	1768090000	WS 14/5 MC NEUTRAL	G.46	1773521690	WS 8/5 MC neutral OR	G.46
1745180000	ZHP Z/W BL	D.64	1758250000	ZQV 4N/2 GE	E.128	1768310000	ZPE 16/3AN	D.28	1773521693	WS 8/5 MC neutral BL	G.46
1745180000	ZHP Z/W BL	D.67	1758250000	ZQV 4N/2 GE	E.33	1768320000	ZDU 16/3AN	D.11	1773531686	WS 10/5 MC neutral RT	G.46
1745180000	ZHP Z/W BL	D.116	1758250000	ZQV 4N/2 GE	E.35	1768330000	ZDU 16/3AN BL	D.11	1773531687	WS 10/5 MC neutral GE	G.46
1745180000	ZHP Z/W BL	D.63	1758250000	ZQV 4N/2 GE	E.6	1768520000	ZAP/TW 10/16 BL	D.10	1773531693	WS 10/5 MC neutral BL	G.46
1745210000	ZAD 5/5	D.11	1758250000	ZQV 4N/2 GE	E.64	1768520000	ZAP/TW 10/16 BL	D.115	1773541686	WS 12/5 MC neutral RT	G.46
1745210000	ZAD 5/5	D.137	1758250000	ZQV 4N/2 GE	E.66	1768520000	ZAP/TW 10/16 BL	D.115	1773541687	WS 12/5 MC neutral GE	G.46
1745230000	ZDU 16	D.11	1758250000	ZQV 4N/2 GE	E.68	1768540000	Plotterpen 0,25	G.56	1773541690	WS 12/5 MC neutral OR	G.46
1745240000	ZDU 16 BL	D.11	1758260000	ZQV 4N/10 GE	E.31	1768540000	Plotterpen 0,25	G.57	1773541693	WS 12/5 MC neutral BL	G.46
1745250000	ZPE 16	D.28	1758260000	ZQV 4N/10 GE	E.7	1768550000	Plotterpen 0,35	G.56	1773551686	WS 12/6 MC neutral RT	G.46
1745350000	ZEI 16	C.40	1758260000	ZQV 4N/10 GE	E.17	1768550000	Plotterpen 0,35	G.57	1773551687	WS 12/6 MC neutral GE	G.46
1745350000	ZEI 16	D.11	1758260000	ZQV 4N/10 GE	E.32	1768560000	Plotterpen 0,5	G.56	1773551689	WS 12/6 MC neutral VI	G.46
1745350000	ZEI 16	D.118	1758260000	ZQV 4N/10 GE	E.65	1768560000	Plotterpen 0,5	G.57	1773551690	WS 12/6 MC neutral OR	G.46
1745400000	ZDTR 2.5	D.53	1758260000	ZQV 4N/10 GE	E.67	1768570000	Plotterpen 0,18	G.56	1773551692	WS 12/6 MC neutral BR	G.46
1745420000	AP ZDTR2.5	D.115	1758260000	ZQV 4N/10 GE	E.125	1768570000	Plotterpen 0,18	G.57	1773551693	WS 12/6 MC neutral BL	G.46
1745420000	AP ZDTR2.5	D.53	1758260000	ZQV 4N/10 GE	E.18	1768800000	ZDK 2.5 EM	D.105	1773561686	WS 12/6,5 MC neutral RT	G.47
1745880000	ZDK 2.5V BL	D.40	1758260000	ZQV 4N/10 GE	E.33				1773561687	WS 12/6,5 MC neutral GE	G.47
1746130000	SSCH 10X3X1000 ST/ZN	G.4	1758260000	ZQV 4N/10 GE	E.35				1773561688	WS 12/6,5 MC neutral GN	G.47
1746130000	SSCH 10X3X1000 ST/ZN	G.5	1758260000	ZQV 4N/10 GE	E.36				1773561693	WS 12/6,5 MC neutral BL	G.47
1746130000	SSCH 10X3X1000 ST/ZN	G.7	1758260000	ZQV 4N/10 GE	E.64	1770070000	TONER SMARK LASER	G.53	1773571687	WS 15/5 MC neutral GE	G.46
1746420000	D1.5/2.5-2	H.5	1758260000	ZQV 4N/10 GE	E.66	1770360000	ZDU 4-2/3AN	D.15	1774270000	D-Lux 2/1	H.5
1746430000	D1.5/2.5-3	H.5	1758260000	ZQV 4N/10 GE	E.68	1770370000	ZDU 4-2/2AN	D.15	1775480000	ZDU 1.5	D.4
1746440000	D1.5/2.5-4	H.5				1770380000	ZPE 4-2/2AN	D.31	1775490000	ZDU 1.5 BL	D.4
1746450000	D1.5/2.5-5	H.5				1770390000	ZPE 4-2/3AN	D.31	1775500000	ZDU 1.5 OR	D.144
1746460000	D1.5/2.5-8	H.5				1770400000	ZAP ZDU4-2	D.15	1775510000	ZPE 1.5	D.22
1746470000	D4.0-3	H.5	1760720000	BS 35/WSH 2	G.7	1770400000	ZAP ZDU4-2	D.31	1775530000	ZDU 1.5/3AN	D.4
1746730000	ZAD 4/5	D.10	1762320001	DEK 5/3,5 MC FSZ 1-10	G.40	1770400000	ZAP ZDU4-2	D.115	1775540000	ZDU 1.5/3AN BL	D.4
1746730000	ZAD 4/5	D.137	1762320011	DEK 5/3,5 MC FSZ 11-20	G.40	1770400000	ZAP ZDU4-2	D.16	1775550000	ZDU 1.5/3AN OR	D.144
1746750000	ZDU 10	D.10	1762320021	DEK 5/3,5 MC FSZ 21-30	G.40	1770490000	DEK 5/7,5 MC Sonderdruck	G.43	1775560000	ZPE 1.5/3AN	D.22
1746760000	ZDU 10 BL	D.10	1762320031	DEK 5/3,5 MC FSZ 31-40	G.40	1770840000	ZDU 4-2/2AN BL	D.15	1775580000	ZDU 1.5/4AN	D.5
1746770000	ZPE 10	D.27	1762320041	DEK 5/3,5 MC FSZ 41-50	G.40	1770850000	ZDU 4-2/2AN OR	D.145	1775600000	ZDU 1.5/4AN BL	D.5
1747350000	TS 35X7.5 2M/CRN	G.27	1762320051	DEK 5/3,5 MC FSZ 51-60	G.40	1770860000	ZDU 4-2/3AN BL	D.15	1775610000	ZDU 1.5/4AN OR	D.144
1748660000	ZAP/TW ZDU10	D.10	1762320061	DEK 5/3,5 MC FSZ 61-70	G.40	1770870000	ZDU 4-2/3AN OR	D.145	1775620000	ZPE 1.5/4AN	D.23
1748660000	ZAP/TW ZDU10	D.115	1762320071	DEK 5/3,5 MC FSZ 71-80	G.40	1770880000	ZAP ZDU4-2 BL	D.15	1776030000	ZAP/TW ZDU1.5/2AN	D.114
1748660000	ZAP/TW ZDU10	D.27	1762320081	DEK 5/3,5 MC FSZ 81-90	G.40	1770880000	ZAP ZDU4-2 BL	D.115	1776030000	ZAP/TW ZDU1.5/2AN	D.22
1748670000	ZAP/TW ZDU10 OR	D.115	1762320091	DEK 5/3,5 MC FSZ 91-100	G.40	1770880000	ZAP ZDU4-2 BL	D.16	1776030000	ZAP/TW ZDU1.5/2AN	D.4
1748800000	ZAP/TW ZDK2.5 BL	D.41	1762320101	DEK 5/3,5 MC FSZ 101-110	G.40	1770890000	ZAP ZDU4-2 OR	D.115	1776040000	ZAP/TW ZDU1.5/2AN BL	D.114
1748800000	ZAP/TW ZDK2.5 BL	D.40	1762320111	DEK 5/3,5 MC FSZ 111-120	G.40	1771360000	ZPE 6-2/3AN	D.33	1776040000	ZAP/TW ZDU1.5/2AN BL	D.4
1748800000	ZAP/TW ZDK2.5 BL	D.105	1762320121	DEK 5/3,5 MC FSZ 121-130	G.40	1771370000	ZPE 6-2/2AN	D.32	1776050000	ZAP/TW ZDU1.5/2AN OR	D.114
1748800000	ZAP/TW ZDK2.5 BL	D.114	1762320131	DEK 5/3,5 MC FSZ 131-140	G.40	1771380000	ZDU 6-2/2AN	D.17	1776060000	ZAP/TW ZDU1.5/3AN	D.114
1749151001	KLBUE CO 3	G.5	1762320141	DEK 5/3,5 MC FSZ 141-150	G.40	1771390000	ZDU 6-2/2AN BL	D.17	1776060000	ZAP/TW ZDU1.5/3AN	D.22
1749161001	KLBUE CO 4	G.5	1762420000	ZDU 10/NT	D.65	1771400000	ZDU 6-2/2AN OR	D.145	1776060000	ZAP/TW ZDU1.5/3AN	D.4
1749430000	BS 35II KLBUE3-8/2X2-6	G.10	1762440000	ADAPTER ALU STI-S	G.56	1771410000	ZDU 6-2/3AN	D.17	1776070000	ZAP/TW ZDU1.5/3AN BL	D.114
1749580000	ZAP/TW 10/16	D.10	1762440000	ADAPTER ALU STI-S	G.57	1771420000	ZDU 6-2/3AN BL	D.17	1776070000	ZAP/TW ZDU1.5/3AN BL	D.4
1749580000	ZAP/TW 10/16	D.11	1762620000	ZQV 4N/4 GE	E.31	1771430000	ZDU 6-2/3AN OR	D.145	1776080000	ZAP/TW ZDU1.5/3AN OR	D.114
1749580000	ZAP/TW 10/16	D.115	1762620000	ZQV 4N/4 GE	E.7	1771440000	ZAP ZDU6-2	D.17	1776090000	ZAP/TW ZDU1.5/4AN	D.5
1749580000	ZAP/TW 10/16	D.27	1762620000	ZQV 4N/4 GE	E.17	1771440000	ZAP ZDU6-2	D.115	1776090000	ZAP/TW ZDU1.5/4AN	D.114
1749580000	ZAP/TW 10/16	D.28	1762620000	ZQV 4N/4 GE	E.32	1771440000	ZAP ZDU6-2	D.32	1776090000	ZAP/TW ZDU1.5/4AN	D.23
1749590000	ZAP/TW 10/16 OR	D.115	1762620000	ZQV 4N/4 GE	E.65	1771440000	ZAP ZDU6-2	D.33	1776100000	ZAP/TW ZDU1.5/4AN BL	D.5
			1762620000	ZQV 4N/4 GE	E.67	1771440000	ZAP ZDU6-2	D.54	1776100000	ZAP/TW ZDU1.5/4AN BL	D.114
			1762620000	ZQV 4N/4 GE	E.125	1771440000	ZAP ZDU6-2	D.55	1776110000	ZAP/TW ZDU1.5/4AN OR	D.114
			1762620000	ZQV 4N/4 GE	E.18	1771450000	ZAP ZDU6-2 BL	D.115	1776120000	ZQV 1.5/2	D.5
			1762620000	ZQV 4N/4 GE	E.33	1771460000	ZAP ZDU6-2 OR	D.115	1776120000	ZQV 1.5/2	D.38
			1762620000	ZQV 4N/4 GE	E.35	1771800000	ZTL 6	D.110	1776120000	ZQV 1.5/2	D.4
			1762620000	ZQV 4N/4 GE	E.6	1771800000	ZTL 6	D.111	1776120000	ZQV 1.5/2	D.124
			1762620000	ZQV 4N/4 GE	E.64	1771810000	ZTD 6	D.110	1776120000	ZQV 1.5/2	D.39
			1762620000	ZQV 4N/4 GE	E.66	1771810000	ZTD 6	D.111	1776130000	ZQV 1.5/3	D.5
			1762620000	ZQV 4N/4 GE	E.68	1771820000	KSBR/2 ZTL6	D.111	1776130000	ZQV 1.5/3	D.38
			1762630000	ZQV 4N/3 GE	E.31	1771820000	KSBR/2 ZTL6	D.110	1776130000	ZQV 1.5/3	D.4
			1762630000	ZQV 4N/3 GE	E.7	1771830000	KSBR/3 ZTL6	D.111	1776130000	ZQV 1.5/3	D.124
			1762630000	ZQV 4N/3 GE	E.11	1771840000	KSBR/4 ZTL6	D.111	1776130000	ZQV 1.5/3	D.39
			1762630000	ZQV 4N/3 GE	E.32	1771860000	SSP ZTL6	D.110	1776140000	ZQV 1.5/4	D.5
			1762630000	ZQV 4N/3 GE	E.65	1771870000	ZTW ZTL6	D.111	1776140000	ZQV 1.5	

Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page
1776210000	ZTA 5	D.44	1781950000	ZRH 1.5S/1	D.44	1792450000	IAP 1.5N/3AN	C.6	1803800000	ITA 1	C.25
1776220000	ZTA 5/ZA	D.22	1781960000	ZRH 1.5S/2	D.22	1792460000	IAP 1.5N/3AN BL	C.18	1803800000	ITA 1	C.26
1776220000	ZTA 5/ZA	D.38	1781960000	ZRH 1.5S/2	D.38	1792460000	IAP 1.5N/3AN BL	C.20	1803800000	ITA 1	C.31
1776220000	ZTA 5/ZA	D.4	1781960000	ZRH 1.5S/2	D.4	1792460000	IAP 1.5N/3AN BL	C.22	1803800000	ITA 1	C.6
1776220000	ZTA 5/ZA	D.5	1781960000	ZRH 1.5S/2	D.5	1792460000	IAP 1.5N/3AN BL	C.23	1803800000	ITA 1	C.7
1776220000	ZTA 5/ZA	D.138	1781960000	ZRH 1.5S/2	D.138	1792460000	IAP 1.5N/3AN BL	C.38	1803800000	ITA 1	C.15
1776220000	ZTA 5/ZA	D.23	1781960000	ZRH 1.5S/2	D.23	1792460000	IAP 1.5N/3AN BL	C.6	1803800000	ITA 1	C.28
1776220000	ZTA 5/ZA	D.39	1781960000	ZRH 1.5S/2	D.39	1792470000	IAP 1.5N/4AN	C.7	1803800000	ITA 1	C.44
1776220000	ZTA 5/ZA	D.44	1781960000	ZRH 1.5S/2	D.44	1792470000	IAP 1.5N/4AN	C.11	1803810000	ITA 1/ZA	C.11
1778080000	ZDU 4/NT DB	D.65	1782300000	ZDLD 2.5-2N	D.42	1792470000	IAP 1.5N/4AN	C.18	1803810000	ITA 1/ZA	C.10
1778260000	Alu-Top 30	H.3	1782310000	ZDLD 2.5-2N BL	D.42	1792470000	IAP 1.5N/4AN	C.20	1803810000	ITA 1/ZA	C.14
1778270000	WS 12/3,5 MC neutral	G.46	1782320000	ZDLD 2.5-2N	D.42	1792470000	IAP 1.5N/4AN	C.38	1803810000	ITA 1/ZA	C.16
1778280000	WS 12/3,5 MC Sonderdr.	G.46	1782330000	ZDLD 2.5-2VN BL	D.42	1792480000	IAP 1.5N/4AN BL	C.7	1803810000	ITA 1/ZA	C.22
1779000000	ZDU 2.5-2/D-	D.104	1782340000	ZAP/TW ZDLD2.5-2N	D.42	1792480000	IAP 1.5N/4AN BL	C.18	1803810000	ITA 1/ZA	C.23
1779010000	ZTR 2.5-2	D.54	1782340000	ZAP/TW ZDLD2.5-2N	D.115	1792480000	IAP 1.5N/4AN BL	C.20	1803810000	ITA 1/ZA	C.25
1779020000	ZTR 2.5-2/O.TNHE	D.54	1782350000	ZAP/TW ZDLD2.5-2N BL	D.42	1792480000	IAP 1.5N/4AN BL	C.38	1803810000	ITA 1/ZA	C.26
1779100000	TSTW 5/M5 ZN	G.30	1782350000	ZAP/TW ZDLD2.5-2N BL	D.115	1792520000	IAP 1.5N/DK	C.11	1803810000	ITA 1/ZA	C.31
1779110000	ZDU 2.5-2/D+	D.104	1782880000	Magazin SMark Laser	G.53	1792520000	IAP 1.5N/DK	C.14	1803810000	ITA 1/ZA	C.6
1779120000	ZTR 2.5-2 BL	D.54	1783550000	AP DL12.5 DB	E.71	1792520000	IAP 1.5N/DK	C.16	1803810000	ITA 1/ZA	C.7
1779130000	ZTR 2.5-2 OR	D.144	1783550000	AP DL12.5 DB	E.115	1792520000	IAP 1.5N/DK	C.38	1803810000	ITA 1/ZA	C.15
			1783550000	AP DL12.5 DB	E.72	1792530000	IAP 1.5N/DK BL	C.14	1803810000	ITA 1/ZA	C.28
			1783550000	AP DL12.5 DB	E.73	1792530000	IAP 1.5N/DK BL	C.38	1803810000	ITA 1/ZA	C.45
			1783560000	DLA 2.5 DB	E.72	1792540000	IDU 1.5N	C.6	1803890000	ZHP ZDU4/NT SO	D.65
			1783590000	DLA 2.5/D DB	E.72	1792550000	IDU 1.5N BL	C.6	1804510000	IRH 1.5	C.11
			1783600000	DLA 2.5/LD-RT DB	E.73	1792560000	IPE 1.5N	C.10	1804510000	IRH 1.5	C.35
			1783630000	DLA 2.5/LD-GN/D DB	E.73	1792570000	IDU 1.5N/3AN	C.6	1804510000	IRH 1.5	C.10
			1783790000	DLD 2.5/PE DB	E.70	1792580000	IDU 1.5N/3AN BL	C.6	1804510000	IRH 1.5	C.14
			1783800000	AP DLD2.5/PE DB	E.115	1792590000	IPE 1.5N/3AN	C.10	1804510000	IRH 1.5	C.16
			1783800000	AP DLD2.5/PE DB	E.70	1792600000	IDU 1.5N/4AN	C.7	1804510000	IRH 1.5	C.22
			1783820000	DLI 2.5 DB	E.71	1792610000	IDU 1.5N/4AN BL	C.7	1804510000	IRH 1.5	C.23
			1783940000	DLI 2.5/LD-GN/NPN + DB	E.71	1792620000	IPE 1.5N/4AN	C.11	1804510000	IRH 1.5	C.25
			1783950000	DLI 2.5/LD-RT/NPN + DB	E.71	1792630000	ITR 1.5N	C.18	1804510000	IRH 1.5	C.26
			1783970000	DLI 2.5/LD-GN/NPN +- DB	E.71	1792640000	ITR 1.5N SI	C.20	1804510000	IRH 1.5	C.33
			1783980000	DLI 2.5/LD-RT/PNP +- DB	E.71	1792650000	IDK 1.5N	C.14	1804510000	IRH 1.5	C.34
			1784150000	AP VL1.5 DB	E.116	1792660000	IDK 1.5N BL	C.14	1804510000	IRH 1.5	C.6
			1784150000	AP VL1.5 DB	E.74	1792670000	ITR 1.5N BL	C.18	1804510000	IRH 1.5	C.7
			1784160000	AP VL1.5/PE DB	E.116	1792680000	IDK 1.5N/V	C.14	1804510000	IRH 1.5	C.15
			1784180000	DLD 2.5 DB	E.70	1792690000	IDK 1.5N PE	C.11	1804510000	IRH 1.5	C.28
			1784210000	AP DLD2.5 DB	E.115	1792690000	IDK 1.5N PE	C.16	1804510000	IRH 1.5	C.43
			1784210000	AP DLD2.5 DB	E.70	1792700000	IDU 1.5N/ZF	C.22	1805480000	BZT 2 WS 10/5	B.32
			1784460000	WDU 1.5/ZQV/BLZ 5.08	E.78	1792710000	IDU 1.5N/ZF BL	C.22	1805480000	BZT 2 WS 10/5	D.138
			1789770000	WF 6/2BZ	E.106	1792720000	IPE 1.5N/ZF	C.25	1805480000	BZT 2 WS 10/5	G.48
			1789780000	WF 8/2BZ	E.106	1792730000	IDU 1.5N/ZB	C.23	1805490000	BZT 1 WS 10/5	B.32
			1789790000	WF 10/2BZ	E.107	1792740000	IDU 1.5N/ZB BL	C.23	1805490000	BZT 1 WS 10/5	D.138
						1792750000	IPE 1.5N/ZB	C.26	1805490000	BZT 1 WS 10/5	G.48
						1793950000	ZQV 4N/2 RT	E.125	1805500000	IAD 1/4 GE MIT BLITZ	C.11
						1793960000	ZQV 4N/2 BL	E.125	1805500000	IAD 1/4 GE MIT BLITZ	C.10
						1793970000	ZQV 4N/2 SW	E.125	1805500000	IAD 1/4 GE MIT BLITZ	C.14
						1793980000	ZQV 4N/3 RT	E.125	1805500000	IAD 1/4 GE MIT BLITZ	C.16
						1793990000	ZQV 4N/3 BL	E.125	1805500000	IAD 1/4 GE MIT BLITZ	C.22
						1794000000	ZQV 4N/3 SW	E.125	1805500000	IAD 1/4 GE MIT BLITZ	C.23
						1794010000	ZQV 4N/4 RT	E.125	1805500000	IAD 1/4 GE MIT BLITZ	C.25
						1794020000	ZQV 4N/4 BL	E.125	1805500000	IAD 1/4 GE MIT BLITZ	C.26
						1794030000	ZQV 4N/4 SW	E.125	1805500000	IAD 1/4 GE MIT BLITZ	C.6
						1794040000	ZQV 4N/10 RT	E.125	1805500000	IAD 1/4 GE MIT BLITZ	C.7
						1794050000	ZQV 4N/10 BL	E.125	1805500000	IAD 1/4 GE MIT BLITZ	C.15
						1794060000	ZQV 4N/10 SW	E.125	1805500000	IAD 1/4 GE MIT BLITZ	C.28
						1797460000	Tintenpatrone PrintJet	G.54	1805500000	IAD 1/4 GE MIT BLITZ	C.45
						1797500000	HDC RailMate HB6 Set	G.33	1805520000	BZT 1 ZA WS 10/5	B.32
						1797510000	HDC RailMate HB 10 Set	G.33	1805520000	BZT 1 ZA WS 10/5	D.138
						1797520000	HDC RailMate HB16 Set	G.33	1805520000	BZT 1 ZA WS 10/5	G.48
						1797530000	HDC RailMate HB24 Set	G.33	1805530000	BZT 2 ZA WS 10/5	B.32
						1797540000	HDC RailMate HB6 Top	G.33	1805530000	BZT 2 ZA WS 10/5	D.138
						1797550000	HDC RailMate HB10 Top	G.33	1805530000	BZT 2 ZA WS 10/5	G.48
						1797560000	HDC RailMate HB16 Top	G.33	1805880000	Snap Mark I	C.45
						1797570000	HDC RailMate HB24 Top	G.33	1805880000	Snap Mark I	G.48
						1797580000	HDC RailMate Basis	G.33	1805940000	ZDKPE 2.5-2	D.47
						1798260000	HDC RailMate COS 1 Set	G.33	1805960000	ZAP/TW ZDKPE2.5-2	D.47
						1798330000	ZDTR 2.5 BL	D.53	1805960000	ZAP/TW ZDKPE2.5-2	D.115
						1798340000	AP ZDTR2.5 BL	D.115	1805980000	TS 35X15/6X18 2M/ST/ZN	G.27
						1798460000	WPE 1.5/R3.5	E.99	1806120000	EM 8/30	G.51
						1801770000	IAP 1.5N 3L	C.33	1806140000	IPE 1.5N/3AN/ZF	C.25
						1801770000	IAP 1.5N 3L	C.34	1806150000	IDU 1.5N/3AN/ZF	C.22
						1801770000	IAP 1.5N 3L	C.35	1806160000	IPE 1.5N/3AN/ZB	C.26
						1801770000	IAP 1.5N 3L	C.38	1806170000	IDU 1.5N/3AN/2B	C.23
						1801780000	IAP 1.5N 4L	C.35	1806620000	WQL 2 WF6-10	E.131
						1801780000	IAP 1.5N 4L	C.35	1806630000	IS 2 KG	G.80
						1801780000	IAP 1.5N 4L	C.34	1806640000	WQL 3 WF6-10/2	E.131
						1801780000	IAP 1.5N 4L	C.38	1806650000	IS 3 KG	G.80
						1801790000	IEK 1.5N 3L	C.33	1806660000	IS 4 KG	G.80
						1801800000	IEK 1.5N 3L PE	C.33	1806980000	ZDU 4-2/4AN	D.16
						1801810000	IEK 1.5N 4L PE	C.34	1806990000	ZDU 4-2/4AN BL	D.16
						1801820000	IAK 1.5N 3L	C.34	1807000000	ZDU 4-2/4AN OR	D.145
						1801840000	IIK 1.5N 3L	C.35	1807010000	ZAP ZDU4-2/4AN	D.115
						1801870000	IIK 1.5N 4L	C.35	1807010000	ZAP ZDU4-2/4AN	D.16
						1801900000	IIK 1.5N 4L PA	C.35	1807010000	ZAP ZDU4-2/4AN	D.32
						1802180000	MC-MOBILIO AUFN. SF 4-6	G.57	1807020000	ZAP ZDU4-2/4AN BL	D.115
						1802690000	TS 27X12.5M/ST/FZN	G.11	1807020000	ZAP ZDU4-2/4AN BL	D.16
						1802780000	WDU 240	E.12	1807030000	ZAP ZDU4-2/4AN OR	D.115
						1802790000	WQB 240/2	E.12	1807090000	ZPE 4-2/4AN	D.32
						1802800000	WQB 240/3	E.12	1808010000	ZDU 2.5 S	D.60
						1802810000	WZAD 240	E.140	1808020000	ZDU 2.5 S BL	D.60
						1803800000	ITA 1	C.11	1808030000	ZAP ZDU 2.5 S	D.116
						1803800000	ITA 1	C.10	1808030000	ZAP ZDU 2.5 S	D.60
						1803800000	ITA 1	C.14	1808030000	ZAP ZDU 2.5 S	D.62
						1803800000	ITA 1	C.16	1808040000	ZAP ZDU 2.5 S BL	D.116
						1803800000	ITA 1	C.22	1808040000	ZAP ZDU 2.5 S BL	D.60
						1803800000	ITA 1	C.23	1808040000	ZAP ZDU 2.5 S BL	D.62
						1803800000	ITA 1	C.38	1808050000	ZAP ZDU 2.5 S OR	D.116

# 1780000000

# 1790000000

# 1800000000

Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page
1808150000	ZAP/TW ZDUA2.5-2N BL	D.100	1813020000	IAP 2.5N	C.12	1815260000	ZP 2.5/1AN/QV/8	D.70	1816140000	ZZE ZP2.5	D.126
1808160000	ZAP/TW ZDUA2.5-2N OR	D.100	1813020000	IAP 2.5N	C.21	1815260000	ZP 2.5/1AN/QV/8	D.78	1816140000	ZZE ZP2.5	D.129
1808170000	ZAP/TW ZDUA2.5-2N	D.100	1813020000	IAP 2.5N	C.23	1815260000	ZP 2.5/1AN/QV/8	D.71	1816140000	ZZE ZP2.5	D.79
1808170000	ZAP/TW ZDUA2.5-2N	D.116	1813020000	IAP 2.5N	C.24	1815260000	ZP 2.5/1AN/QV/8	D.85	1816150000	KOSF ZT2.5	C.31
1808180000	ZDUA 2.5-2N BL	D.100	1813020000	IAP 2.5N	C.38	1815270000	ZP 2.5/1AN/QV/9	D.70	1816150000	KOSF ZT2.5	D.71
1808200000	ZDUA 2.5-2N	D.100	1813020000	IAP 2.5N	C.8	1815270000	ZP 2.5/1AN/QV/9	D.71	1816150000	KOSF ZT2.5	D.70
1808210000	ZPEA 2.5-2N	D.100	1813030000	IAP 2.5N BL	C.21	1815280000	ZP 2.5/1AN/QV/10	C.31	1816150000	KOSF ZT2.5	D.74
1808230000	ZDU 6 S	D.61	1813030000	IAP 2.5N BL	C.23	1815280000	ZP 2.5/1AN/QV/10	D.70	1816150000	KOSF ZT2.5	D.75
1808240000	ZDU 6 S BL	D.61	1813030000	IAP 2.5N BL	C.24	1815280000	ZP 2.5/1AN/QV/10	D.78	1816150000	KOSF ZT2.5	D.78
1808250000	ZAP ZDU 6 S	D.116	1813030000	IAP 2.5N BL	C.38	1815280000	ZP 2.5/1AN/QV/10	D.71	1816150000	KOSF ZT2.5	D.126
1808250000	ZAP ZDU 6 S	D.61	1813030000	IAP 2.5N BL	C.8	1815280000	ZP 2.5/1AN/QV/10	D.85	1816150000	KOSF ZT2.5	D.79
1808250000	ZAP ZDU 6 S	D.63	1813040000	IAP 2.5N/3AN	C.12	1815290000	ZP 2.5/1AN/QV/11	D.85	1818400000	WS 10/6 MC Midd. Neutr.	G.46
1808250000	ZAP ZDU 6 S	D.67	1813040000	IAP 2.5N/3AN	C.19	1815300000	ZP 2.5/1AN/QV/12	D.85	1818410000	WS 10/6 MC Midd. Sonder	G.47
1808260000	ZAP ZDU 6 S BL	D.116	1813040000	IAP 2.5N/3AN	C.24	1815310000	ZP 2.5/1AN/QV/13	D.85	1818420000	IAD 1/4 GE Neutral	C.10
1808260000	ZAP ZDU 6 S BL	D.61	1813040000	IAP 2.5N/3AN	C.27	1815320000	ZP 2.5/1AN/QV/14	D.85	1818420000	IAD 1/4 GE Neutral	C.11
1808260000	ZAP ZDU 6 S BL	D.63	1813040000	IAP 2.5N/3AN	C.39	1815330000	ZP 2.5/1AN/QV/15	D.85	1818420000	IAD 1/4 GE Neutral	C.14
1808280000	ZHP S SO	D.60	1813040000	IAP 2.5N/3AN	C.8	1815340000	ZP 2.5/1AN/QV/16	D.85	1818420000	IAD 1/4 GE Neutral	C.22
1808280000	ZHP S SO	D.62	1813050000	IAP 2.5N/3AN BL	C.19	1815350000	ZP 2.5/1AN/QV/17	D.85	1818420000	IAD 1/4 GE Neutral	C.23
1808280000	ZHP S SO	D.66	1813050000	IAP 2.5N/3AN BL	C.24	1815430000	ZP 2.5/1AN/1	D.71	1818420000	IAD 1/4 GE Neutral	C.25
1808280000	ZHP S SO	D.116	1813050000	IAP 2.5N/3AN BL	C.39	1815430000	ZP 2.5/1AN/1	D.84	1818420000	IAD 1/4 GE Neutral	C.26
1808280000	ZHP S SO	D.61	1813050000	IAP 2.5N/3AN BL	C.8	1815440000	ZP 2.5/1AN/2	D.71	1818420000	IAD 1/4 GE Neutral	C.6
1808280000	ZHP S SO	D.63	1813070000	IAP 2.5N/4AN	C.9	1815440000	ZP 2.5/1AN/2	D.84	1818420000	IAD 1/4 GE Neutral	C.7
1808280000	ZHP S SO	D.67	1813070000	IAP 2.5N/4AN	C.13	1815450000	ZP 2.5/1AN/3	D.71	1818420000	IAD 1/4 GE Neutral	C.16
1808290000	ZHP S	D.60	1813070000	IAP 2.5N/4AN	C.39	1815450000	ZP 2.5/1AN/3	D.84	1818420000	IAD 1/4 GE Neutral	C.45
1808290000	ZHP S	D.62	1813080000	IAP 2.5N/4AN BL	C.9	1815500000	WAP WDK2.5	D.71	1819170000	WAP WDK2.5	RS-SET E.115
1808290000	ZHP S	D.66	1813080000	IAP 2.5N/4AN BL	C.39	1815500000	ZP 2.5/1AN/4	D.84	1819180000	WAP WDU2.5N/4N	RS-SET E.116
1808290000	ZHP S	D.116	1814160000	ITR 1.5N 0.TNHE	C.18	1815510000	ZP 2.5/1AN/5	D.71	1819210000	WAP WDL2.5/S	RS-SET E.115
1808290000	ZHP S	D.60	1814660000	ZF 4 S BL	B.23	1815510000	ZP 2.5/1AN/5	D.84	1819470000	IAD 1.5N/3AN/ZF BL	C.22
1808290000	ZHP S	D.63	1814660000	ZF 4 S BL	B.19	1815520000	ZP 2.5/1AN/6	D.71	1819480000	IDU 1.5N/3AN/ZB BL	C.23
1808290000	ZHP S	D.67	1814660000	ZF 4 S BL	B.21	1815520000	ZP 2.5/1AN/6	D.129			
1808300000	ZNT 2.5 S	D.62	1814660000	ZF 4 S BL	B.22	1815520000	ZP 2.5/1AN/6	D.84			
1808310000	ZNT 4 S	D.62	1814660000	ZF 4 S BL	B.20	1815530000	ZP 2.5/1AN/7	D.71			
1808320000	ZNT 6 S	D.63	1814660000	ZF 4 S BL	G.23	1815530000	ZP 2.5/1AN/7	D.84			
1808330000	ZPE 2.5 S	D.66	1814670000	ZF 4 S GN	G.23	1815540000	ZP 2.5/1AN/8	D.71			
1808340000	ZPE 4 S	D.66	1814680000	ZF 4 S	G.23	1815540000	ZP 2.5/1AN/8	D.84			
1808350000	ZPE 6 S	D.67	1814690000	ZSI 6-2/FC	D.59	1815550000	ZP 2.5/1AN/9	D.71			
1808360000	ZDU 4 S	D.60	1814700000	ZSI 6-2/FC LD	D.59	1815560000	ZP 2.5/1AN/10	D.84			
1808370000	ZDU 4 S BL	D.60	1814710000	ZAP ZDU6-2 SW	D.58	1815560000	ZP 2.5/1AN/10	D.84			
1808380000	ZAP ZDU 4 S	D.116	1814710000	ZAP ZDU6-2 SW	D.115	1815570000	ZP 2.5/1AN/11	D.84			
1808380000	ZAP ZDU 4 S	D.60	1814710000	ZAP ZDU6-2 SW	D.59	1815580000	ZP 2.5/1AN/12	D.84			
1808380000	ZAP ZDU 4 S	D.62	1814720000	C 0.5A/32V BL	D.142	1815590000	ZP 2.5/1AN/13	D.84			
1808380000	ZAP ZDU 4 S	D.66	1814730000	C 1A/32V SW	D.142	1815600000	ZP 2.5/1AN/14	D.84			
1808390000	ZAP ZDU 4 S BL	D.116	1814740000	C 2A/32V GR	D.142	1815610000	ZP 2.5/1AN/15	D.84			
1808390000	ZAP ZDU 4 S BL	D.60	1814750000	C 3A/32V VI	D.142	1815620000	ZP 2.5/1AN/16	D.84			
1808390000	ZAP ZDU 4 S BL	D.62	1814760000	C 4A/32V RS	D.142	1815730000	ZP 2.5/2AN/QV/1	D.85			
1808980000	WQL 2 WF6-8	E.131	1814770000	C 5A/32V HBR	D.142	1815740000	ZP 2.5/2AN/QV/2	D.85			
1809110000	ST 4000/S M8	E.110	1814780000	C 7.5A/32V BR	D.142	1815750000	ZP 2.5/2AN/QV/3	D.85			
1809120000	ST 4000/S M8 F	E.110	1814790000	C 10A/32V RT	D.142	1815760000	ZP 2.5/2AN/QV/4	D.85			
1809130000	ST 4000/S M10	E.110	1814800000	C 15A/32V HBL	D.142	1815770000	ZP 2.5/2AN/QV/5	D.85			
1809140000	ST 4000/S M10 F	E.110	1814810000	C 20A/32V GE	D.142	1815780000	ZP 2.5/2AN/QV/6	D.85			
1809150000	ST 4000/L M10	E.111	1814820000	C 25A/32V NA/WS	D.142	1815790000	ZP 2.5/2AN/QV/7	D.85			
1809160000	ST 4000/L M10 F	E.111	1814830000	C 30A/32V HGN	D.142	1815800000	ZP 2.5/2AN/QV/8	D.85			
1809170000	ST 4000/L M12	E.111	1814840000	C 35A/32V GN	D.142	1815820000	ZP 2.5/2AN/QV/10	D.85			
1809180000	ST 4000/L M12 F	E.111	1814850000	C 40A/32V OR	D.142	1815830000	ZP 2.5/2AN/QV/11	D.85			
1809190000	ST 4000/S P150	E.110	1815070000	ZT 2.5/2AN/1	D.70	1815840000	ZP 2.5/2AN/QV/12	D.85			
1809200000	ST 4000/L P180	E.111	1815080000	ZTPE 2.5/2AN/1	D.74	1815850000	ZP 2.5/2AN/QV/13	D.85			
1809210000	ST 4000/S E150	E.110	1815090000	ZT 2.5/3AN/1	D.70	1815860000	ZP 2.5/2AN/QV/14	D.85			
1809220000	ST 4000/L E180	E.111	1815100000	ZTPE 2.5/3AN/1	D.74	1815870000	ZP 2.5/2AN/QV/15	D.85			
1809230000	ST 4000/S C130	E.110	1815110000	ZT 2.5/4AN/2	D.71	1815880000	ZP 2.5/2AN/QV/16	D.85			
1809240000	ST 4000/L C160	E.111	1815120000	ZTPE 2.5/4AN/2	D.75	1816030000	ZAP/TW ZT2.5/2AN	D.74			
1809250000	ST 4000/S CB M8/4	E.110	1815130000	ZT 2.5/4AN/4	D.71	1816030000	ZAP/TW ZT2.5/2AN	D.75			
1809260000	ST 4000/S CB M10/4	E.110	1815140000	ZTPE 2.5/4AN/4	D.75	1816030000	ZAP/TW ZT2.5/2AN	D.117			
1809270000	ST 4000/S CB M10/6	E.110	1815150000	ZDT 2.5/2	D.78	1816030000	ZAP/TW ZT2.5/2AN	D.70			
1809280000	ST 4000/L CB M10/4	E.111	1815160000	ZDT 2.5/2 DU-PE	D.78	1816040000	ZAP/TW ZT2.5/2AN OR	D.74			
1809290000	ST 4000/L CB M12/4	E.111	1815170000	ZDT 2.5/2 PE	D.79	1816040000	ZAP/TW ZT2.5/2AN OR	D.75			
1809300000	ST 4000/L CB M12/6	E.111	1815180000	ZP 2.5/1AN/17	D.84	1816040000	ZAP/TW ZT2.5/2AN OR	D.117			
1809310000	ST 4000/S J2 M8	E.110	1815190000	ZP 2.5/1AN/QV/1	C.31	1816040000	ZAP/TW ZT2.5/2AN OR	D.70			
1809320000	ST 4000/S J3 M8	E.110	1815190000	ZP 2.5/1AN/QV/1	D.70	1816050000	ZAP/TW ZT2.5/3AN	D.117			
1809330000	ST 4000/S J4 M8	E.110	1815190000	ZP 2.5/1AN/QV/1	D.78	1816050000	ZAP/TW ZT2.5/3AN	D.70			
1809340000	ST 4000/S J2 M10	E.110	1815190000	ZP 2.5/1AN/QV/1	D.71	1816060000	ZAP/TW ZT2.5/3AN OR	D.70			
1809350000	ST 4000/S J3 M10	E.110	1815190000	ZP 2.5/1AN/QV/1	D.85	1816070000	ZAP/TW ZT2.5/4AN/2	D.117			
1809360000	ST 4000/S J4 M10	E.110	1815200000	ZP 2.5/1AN/QV/2	C.31	1816070000	ZAP/TW ZT2.5/4AN/2	D.71			
1809370000	ST 4000/L J2 M10	E.111	1815200000	ZP 2.5/1AN/QV/2	D.70	1816080000	ZAP/TW ZT2.5/4AN/2 OR	D.117			
1809380000	ST 4000/L J3 M10	E.111	1815200000	ZP 2.5/1AN/QV/2	D.78	1816080000	ZAP/TW ZT2.5/4AN/2 OR	D.71			
1809390000	ST 4000/L J4 M10	E.111	1815200000	ZP 2.5/1AN/QV/2	D.71	1816090000	ZAP/TW ZT2.5/4AN/4	D.71			
1809400000	ST 4000/L J2 M12	E.111	1815200000	ZP 2.5/1AN/QV/2	D.85	1816090000	ZAP/TW ZT2.5/4AN/4	D.117			
1809410000	ST 4000/L J3 M12	E.111	1815210000	ZP 2.5/1AN/QV/3	C.31	1816090000	ZAP/TW ZT2.5/4AN/4	D.72			
1809420000	ST 4000/L J4 M12	E.111	1815210000	ZP 2.5/1AN/QV/3	D.70	1816090000	ZAP/TW ZT2.5/4AN/4	D.75			
1809470000	ST 4000/S S150	E.110	1815210000	ZP 2.5/1AN/QV/3	D.78	1816100000	ZAP/TW ZT2.5/4AN/4 OR	D.71			
1809480000	ST 4000/L S180	E.111	1815210000	ZP 2.5/1AN/QV/3	D.71	1816100000	ZAP/TW ZT2.5/4AN/4 OR	D.117			
			1815210000	ZP 2.5/1AN/QV/3	D.85	1816100000	ZAP/TW ZT2.5/4AN/4 OR	D.72			
			1815220000	ZP 2.5/1AN/QV/4	C.31	1816100000	ZAP/TW ZT2.5/4AN/4 OR	D.75			
			1815220000	ZP 2.5/1AN/QV/4	D.70	1816110000	ZAP/TW ZDT2.5/2	D.78			
			1815220000	ZP 2.5/1AN/QV/4	D.78	1816110000	ZAP/TW ZDT2.5/2	D.117			
			1815220000	ZP 2.5/1AN/QV/4	D.71	1816110000	ZAP/TW ZDT2.5/2	D.79			
			1815220000	ZP 2.5/1AN/QV/4	D.85	1816130000	ZVR ZP2.5	D.71			
			1815230000	ZP 2.5/1AN/QV/5	E.104	1816130000	ZVR ZP2.5	C.31			
			1815230000	ZP 2.5/1AN/QV/5	C.8	1816130000	ZVR ZP2.5	D.70			
			1815230000	ZP 2.5/1AN/QV/5	C.8	1816130000	ZVR ZP2.5	D.74			
			1815230000	ZP 2.5/1AN/QV/5	C.12	1816130000	ZVR ZP2.5	D.75			
		</									



Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page
1828420000	IAD 2/4 GE MIT BLITZ	C.9	1847600000	ZTA ZT2.5/Z	D.36	1859610000	Q WDU10-4 SET	E.121	1878570000	BEST/DRBR	E.31
1828420000	IAD 2/4 GE MIT BLITZ	C.13	1847600000	ZTA ZT2.5/Z	D.70	1859620000	Q WDU10-2.5 SET	E.121	1878570000	BEST/DRBR	E.29
1828420000	IAD 2/4 GE MIT BLITZ	C.23	1847600000	ZTA ZT2.5/Z	D.74	1859740000	ZP 4 ZT4/2AN FX-SET	D.127	1878570000	BEST/DRBR	E.32
1828420000	IAD 2/4 GE MIT BLITZ	C.45	1847600000	ZTA ZT2.5/Z	D.75	1859750000	ZP 4 ZT4/4AN FX-SET	D.127	1878570000	BEST/DRBR	B.16
1828430000	IAD 2/4 GE NEUTRAL	C.12	1847600000	ZTA ZT2.5/Z	D.78				1878570000	BEST/DRBR	B.34
1828430000	IAD 2/4 GE NEUTRAL	C.24	1847600000	ZTA ZT2.5/Z	D.126				1878570000	BEST/DRBR	C.19
1828430000	IAD 2/4 GE NEUTRAL	C.27	1847600000	ZTA ZT2.5/Z	D.134				1878570000	BEST/DRBR	C.47
1828430000	IAD 2/4 GE NEUTRAL	C.8	1847600000	ZTA ZT2.5/Z	D.19	1861030000	ZAD ZT/ZPS2.5	D.126	1878570000	BEST/DRBR	D.142
1828430000	IAD 2/4 GE NEUTRAL	C.9	1847600000	ZTA ZT2.5/Z	D.35	1861040000	ZPS 2.5/1AN/QV/1	D.89	1878570000	BEST/DRBR	D.54
1828430000	IAD 2/4 GE NEUTRAL	C.13	1847600000	ZTA ZT2.5/Z	D.79	1861050000	ZPS 2.5/1AN/QV/1 GN	D.89	1878570000	BEST/DRBR	D.80
1828430000	IAD 2/4 GE NEUTRAL	C.23	1847610000	PDL 4 S/L	B.22	1865510000	ZTTR 2.5	D.80	1878570000	BEST/DRBR	E.139
1828430000	IAD 2/4 GE NEUTRAL	C.45	1847620000	PDL 4 S/N	B.23	1865520000	ZAP/TW ZTTR2.5	D.117	1878570000	BEST/DRBR	E.32
1828450000	WS 10/6 MC NEUTRAL	G.46	1847630000	PDL 4 S/N/L	B.23	1865520000	ZAP/TW ZTTR2.5	D.80	1878620000	ZVR ZPS2.5	D.126
1828460000	WS 10/6 MC Sonderdruck	G.47	1848230000	IRH 2.5	C.27	1865580000	ZPS 2.5/1AN/QV/1	D.86	1878620000	ZVR ZPS2.5	D.129
			1848230000	IRH 2.5	C.12	1865590000	ZPS 2.5/1AN/QV/1 GN	D.86	1878660000	WTA 4N WDK 2.5	E.135
			1848230000	IRH 2.5	C.24	1865900000	ZPS 2.5/1AN/QV/2	D.86	1879140000	WAP 16-35 WTW 2.5-10 GR	E.115
			1848230000	IRH 2.5	C.8	1865910000	ZPS 2.5/1AN/QV/3	D.86	1879140000	WAP 16-35 WTW 2.5-10 GR	E.117
			1848230000	IRH 2.5	C.9	1865920000	ZPS 2.5/1AN/QV/4	D.86	1879290000	WAP 2.5-10 GR 7042	E.114
			1848230000	IRH 2.5	C.13	1865930000	ZPS 2.5/1AN/QV/5	D.86	1879350000	WTA 4N/ZA WDK 2.5	E.135
			1848230000	IRH 2.5	C.23	1865940000	ZPS 2.5/1AN/QV/6	D.129	1879730000	ZSI 2.5-2/2X2AN/G20/LD4	D.58
			1848230000	IRH 2.5	C.43	1865940000	ZPS 2.5/1AN/QV/6	D.86	1879750000	ZSI 6-2 2X2.5/G20/LD4	D.58
			1848290000	TS 35X15/2.3 2M/AL/BK	G.27	1865950000	ZPS 2.5/1AN/QV/7	D.86	1879910000	WAP WTL6/3	E.116
			1848300000	IDU 2.5N/3AN/ZB	D.144	1865960000	ZPS 2.5/1AN/QV/8	D.86			
			1848310000	IDU 2.5N/3AN/ZB BL	D.52	1865980000	ZPS 2.5/1AN/QV/10	D.86			
			1848320000	IPE 2.5N/3AN/ZB	B.15	1865990000	ZPS 2.5/1AN/QV/11	D.86			
			1848330000	ZTPE 4/4AN/2	D.76	1866000000	ZPS 2.5/1AN/QV/12	D.86	1880390000	WSI 4/2/LD 140-250V AC/DC	E.38
			1848340000	ZP 4/1AN/1	D.73	1866010000	ZPS 2.5/1AN/QV/13	D.86	1880410000	WSI 4/2/LD 10-36V AC/DC	E.38
			1848340000	ZP 4/1AN/1	D.85	1866020000	ZPS 2.5/1AN/QV/14	D.86	1880420000	WSI 4/2/LD 60-150V AC/DC	E.38
			1848350000	ZT 4/4AN/2	D.73	1866030000	ZPS 2.5/1AN/QV/15	D.86	1880430000	WSI 4/2	E.38
			1848360000	ZAP/TW ZT4/4AN/2	D.73	1866040000	ZPS 2.5/1AN/QV/16	D.86	1880440000	WSI 4/2/LD 30-70V AC/DC	E.38
			1848360000	ZAP/TW ZT4/4AN/2	D.76	1866070000	GHDE ZPS2.5/1AN	D.89	1880450000	WAP WSI4/2	E.116
			1848480000	Feko ZRV2.5 1.5-2.5	D.83	1866220000	ZZE ZP2.5/4	D.126	1880450000	WAP WSI4/2	E.38
						1866220000	ZZE ZP2.5/4	D.129	1881610000	IDK 1.5N DU-PE	C.11
						1866230000	ZZE ZP2.5/8	D.126	1881610000	IDK 1.5N DU-PE	C.16
						1866230000	ZZE ZP2.5/8	D.129	1881640000	WAP WTL4/2	E.116
						1866240000	ZVLA SC ZPS2.5	D.131	1881640000	WAP WTL4/2	E.56
						1866250000	ZVLA1 ZPS2.5	D.129	1881650000	WTL 4/2 STB	E.66
						1866260000	ZVLA RC ZPS2.5	D.131	1882590000	PDL 4/L/L	B.25
						1866290000	TS 35X15/6X25 2M/ST/ZN	G.27	1882600000	PDL 4/NT/L	B.24
						1866640000	D-Strip 2.5/12 PA WP	H.7	1882610000	PDL 4/L/L/PE	B.25
						1866650000	D-Strip 4,0/12 PA WP	H.7	1882620000	PDL 4/NT/L/PE	E.24
						1866660000	D-Strip 6,0/12 PA WP	H.7	1882890000	LM MT300 15X9 GE	B.88
						1866670000	D-Strip 16,0/12 PA WP	H.7	1882890000	LM MT300 15X9 GE	E.90
						1867090000	ZP 2.5/1AN/2 GN/BE	D.84	1882890000	LM MT300 15X9 GE	E.92
						1867100000	ZP 2.5/1AN/3 GN/BE	D.84	1882890000	LM MT300 15X9 GE	E.89
						1867110000	ZP 2.5/1AN/4 GN/BE	D.84	1882890000	LM MT300 15X9 GE	E.91
						1867120000	ZP 2.5/1AN/5 GN/BE	D.84	1883210000	PAP PDL4	B.25
						1867130000	ZP 2.5/1AN/6 GN/BE	D.84	1883210000	PAP PDL4	B.17
						1867140000	ZP 2.5/1AN/7 GN/BE	D.84	1883210000	PAP PDL4	B.18
						1867150000	ZP 2.5/1AN/8 GN/BE	D.84	1883210000	PAP PDL4	B.24
						1867170000	ZP 2.5/1AN/10 GN/BE	D.84	1886550000	WSI 4/LD 140-250V AC/DC	E.38
						1867180000	ZP 2.5/1AN/11 GN/BE	D.84	1886560000	WSI 4/LD 30-70V AC/DC	E.38
						1867190000	ZP 2.5/1AN/12 GN/BE	D.84	1886570000	WSI 4/LD 60-150V AC/DC	E.38
						1867200000	ZP 2.5/1AN/13 GN/BE	D.84	1886580000	WSI 4	E.38
						1867210000	ZP 2.5/1AN/14 GN/BE	D.84	1886590000	WSI 4/LD 10-36V AC/DC	E.38
						1867220000	ZP 2.5/1AN/15 GN/BE	D.84	1887210000	WTL 6/4 FF	E.60
						1867230000	ZP 2.5/1AN/16 GN/BE	D.84	1887220000	WTD 6/4 FF	E.60
						1867240000	ZP 2.5/1AN/17 GN/BE	D.84	1887240000	WAP WTL6/4FF	E.60
						1867420000	ZSI 2.5-2/2X2AN/G20/LD3	D.58	1887240000	WAP WTL6/4FF	E.116
						1867430000	ZSI 2.5-2/2X2AN/G20/LD2	D.58			
						1867440000	ZSI 2.5-2/2X2AN/G20/LD1	D.58			
						1867480000	ZSI 6-2 2X2.5/G20/LD3	D.58			
						1867490000	ZSI 6-2 2X2.5/G20/LD2	D.58	1891950000	IDK 1.5N/ZB	C.15
						1867500000	ZSI 6-2 2X2.5/G20/LD1	D.58	1891950000	IDK 1.5N/ZB	C.28
									1893940000	Feko ET ZRV2.5 0.2-0.35	D.83
									1893970000	Feko ET ZRV2.5 0.5-1	D.83
									1893990000	Feko ET ZRV2.5 1.5-2.5	D.83
									1895700000	ZDKPE 2.5-2/N/L/PE	D.47
									1896100000	PHP PNT 6/10	B.19
									1896100000	PHP PNT 6/10	B.28
									1896110000	PDU 2.5/4	B.4
									1896120000	PDU 2.5/4/3AN	B.4
									1896130000	PDU 2.5/4/4AN	B.5
									1896140000	PDU 6/10	B.5
									1896150000	PDU 6/10/3AN	B.6
									1896160000	PPE 2.5/4/4AN	B.9
									1896170000	PPE 2.5/4	B.8
									1896180000	PPE 6/10	B.9
									1896190000	PPE 6/10/3AN	B.9
									1896200000	PPE 2.5/4/3AN	B.8
									1896210000	PPE 16	B.10
									1896220000	PDU 16 BL	B.6
									1896230000	PDU 2.5/4/3AN	B.4
									1896240000	PDU 2.5/4/3AN BL	B.4
									1896250000	PDU 2.5/4/4AN BL	B.5
									1896270000	PDU 6/10 BL	B.5
									1896280000	PDU 6/10/3AN BL	B.6
									1896290000	PAP 16	B.10
									1896290000	PAP 16	B.28
									1896290000	PAP 16	B.6
									1896300000	PAP 2.5/4	B.28
									1896300000	PAP 2.5/4	B.4
									1896300000	PAP 2.5/4	B.8
									1896300000	PAP 2.5/4/4AN	B.5
									1896320000	PAP 2.5/4/4AN	B.28
									1896320000	PAP 2.5/4/4AN	B.9
									1896330000	PAP PDU6/10	B.28
									1896330000	PAP PDU6/10	B.5
									1896340000	PAP PDU6/10/3AN	B.9
									1896340000	PAP PDU6/10/3AN	B.28

# 1830000000

1830420000	ZDU 6 RT	D.145
1830610000	ZDU 10 OR	D.145
1830680000	ZDU 16 OR	D.145
1830760000	ZDU 35 OR	D.145
1831130000	ZTR 2.5/O.TNHE	D.52
1831260000	ZDK 2.5-2 OR	D.144
1831260000	ZTR 2.5	D.52
1833090000	TNST	B.15
1833090000	TNST	B.14
1833090000	TNST	B.17
1833090000	TNST	B.18
1833090000	TNST	C.18
1833090000	TNST	D.52
1833090000	TNST	E.31
1833090000	TNST	E.29
1833090000	TNST	E.32
1833090000	TNST	B.16
1833090000	TNST	B.34
1833090000	TNST	C.47
1833090000	TNST	D.142
1833090000	TNST	D.53
1833090000	TNST	D.54
1833090000	TNST	D.80
1833090000	TNST	E.139
1833090000	TNST	E.33
1833100000	BEST	B.14
1833100000	BEST	B.15
1833100000	BEST	B.17
1833100000	BEST	B.18
1833100000	BEST	C.18
1833100000	BEST	D.52
1833100000	BEST	D.53
1833100000	BEST	E.31
1833100000	BEST	E.29
1833100000	BEST	E.32
1833100000	BEST	B.16
1833100000	BEST	B.34
1833100000	BEST	C.19
1833100000	BEST	C.47
1833100000	BEST	D.142
1833100000	BEST	D.54
1833100000	BEST	D.80
1833100000	BEST	E.139
1833100000	BEST	E.33
1833100000	BEST	E.11
1834060000	WQV 50N/2	E.128
1834070000</		

Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page
1896340000	PAP PDU6/10/3AN	B.6	1908550000	BA ZPS2.5	D.131	1916150000	PAD 2.5/4/4	B.12	1933730000	ZDU 2.5N/3AN BL	D.18
1896350000	PNT 16	B.20	1908560000	BA RC ZPS2.5	D.131	1916150000	PAD 2.5/4/4	B.4	1933740000	ZDU 2.5N/4AN	D.19
1896360000	PNT 2.5/4	B.19	1908960000	ZQV 2.5/20	B.15	1916150000	PAD 2.5/4/4	B.5	1933750000	ZDU 2.5N/4AN BL	D.19
1896370000	PNT 6/10	B.19	1908960000	ZQV 2.5/20	C.35	1916150000	PAD 2.5/4/4	B.8	1933760000	ZPE 2.5N	D.34
1896380000	PHP PNT16	B.20	1908960000	ZQV 2.5/20	D.41	1916150000	PAD 2.5/4/4	B.13	1933770000	ZPE 2.5N/3AN	D.34
1896380000	PHP PNT16	B.28	1908960000	ZQV 2.5/20	D.105	1916150000	PAD 2.5/4/4	B.32	1933780000	ZPE 2.5N/4AN	D.35
1896390000	PHP PNT 2.5/4	B.19	1908960000	ZQV 2.5/20	D.107	1916150000	PAD 2.5/4/4	B.9	1933790000	ZAP/TW ZDU/ZPE 2.5N	D.18
1896390000	PHP PNT 2.5/4	B.28	1908960000	ZQV 2.5/20	B.11	1916160000	PAD 6/10/4	B.9	1933790000	ZAP/TW ZDU/ZPE 2.5N	D.34
1896400000	PDU 16	B.6	1908960000	ZQV 2.5/20	B.12	1916160000	PAD 6/10/4	B.32	1933790000	ZAP/TW ZDU/ZPE 2.5N	D.19
1896480000	PAP 2.5/4/3AN	B.28	1908960000	ZQV 2.5/20	B.14	1916160000	PAD 6/10/4	B.5	1933790000	ZAP/TW ZDU/ZPE 2.5N	D.35
1896480000	PAP 2.5/4/3AN	B.4	1908960000	ZQV 2.5/20	B.17	1916160000	PAD 6/10/4	B.6	1933890000	PTR 2.5/4/4AN O TNHE	B.16
1896480000	PAP 2.5/4/3AN	B.8	1908960000	ZQV 2.5/20	B.18	1916170000	PAD 16/4	B.10	1933910000	PTR 2.5/4 O TNHE	B.14
1896710000	IAP 1.5N/DK-ZB	C.15	1908960000	ZQV 2.5/20	B.4	1916170000	PAD 16/4	B.32	1933930000	PTR 2.5/4/3AN BL	B.15
1896710000	IAP 1.5N/DK-ZB	C.28	1908960000	ZQV 2.5/20	B.5	1916170000	PAD 16/4	B.6	1933940000	PTR 2.5/4/4AN	B.15
1896710000	IAP 1.5N/DK-ZB	C.38	1908960000	ZQV 2.5/20	C.14	1916170000	PAD 16/4	B.7	1933950000	PTR 2.5/4	B.14
1896720000	IDK 1.5N/ZB BL	C.15	1908960000	ZQV 2.5/20	C.22	1916180000	PTA PDU2.5/4	B.4	1933970000	PTR 2.5/4 BL	B.14
1896720000	IDK 1.5N/ZB BL	C.28	1908960000	ZQV 2.5/20	C.23	1916180000	PTA PDU2.5/4	B.5	1933980000	PTR 2.5/4/3AN	B.15
1896730000	IAP 1.5N/DK-ZB BL	C.15	1908960000	ZQV 2.5/20	C.6	1916180000	PTA PDU2.5/4	B.32	1933990000	PTR 2.5/4/3AN O TNHE	B.15
1896730000	IAP 1.5N/DK-ZB BL	C.28	1908960000	ZQV 2.5/20	C.7	1916190000	PTA ZA PDU2.5/4	B.4	1934000000	PTR 2.5/4/4AN BL	B.15
1896730000	IAP 1.5N/DK-ZB BL	C.38	1908960000	ZQV 2.5/20	D.104	1916190000	PTA ZA PDU2.5/4	B.5	1934050000	WGKV 4	F.3
1897000000	DS 13.5 WTL6/4FF	E.60	1908960000	ZQV 2.5/20	D.106	1916190000	PTA ZA PDU2.5/4	B.32	1934060000	WGKV 10	F.4
1897010000	QL 2 WTL6/4FF	E.60	1908960000	ZQV 2.5/20	D.109	1916400000	PRH 2.5/4/2	B.11	1934070000	WGKV 25	F.6
1897020000	QL 3 WTL6/4FF	E.60	1908960000	ZQV 2.5/20	D.14	1916400000	PRH 2.5/4/2	B.12	1934160000	ZAD 9/4	D.18
1897030000	QL 4 WTL6/4FF	E.60	1908960000	ZQV 2.5/20	D.18	1916400000	PRH 2.5/4/2	B.4	1934160000	ZAD 9/4	D.20
1897090000	QL 10 WTL 6/4 FF	E.60	1908960000	ZQV 2.5/20	D.20	1916400000	PRH 2.5/4/2	B.5	1934160000	ZAD 9/4	D.19
1897100000	QL 50 WTL6/4FF	E.60	1908960000	ZQV 2.5/20	D.40	1916400000	PRH 2.5/4/2	B.8	1934160000	ZAD 9/4	D.36
1897110000	Q 2 WTL6/2FF	E.60	1908960000	ZQV 2.5/20	D.42	1916400000	PRH 2.5/4/2	B.13	1934680000	PAP PTR2.5/4	B.14
1897120000	Q 3 WTL6/2FF	E.60	1908960000	ZQV 2.5/20	D.46	1916400000	PRH 2.5/4/2	B.32	1934690000	PAP PTR2.5/4/3AN	B.15
1897130000	Q 4 WTL 6/4FF	E.60	1908960000	ZQV 2.5/20	D.47	1916400000	PRH 2.5/4/2	B.9	1934700000	PAP PTR2.5/4/4AN	B.15
1897190000	Q 10 WTL 6/4FF	E.60	1908960000	ZQV 2.5/20	D.6	1916410000	PRH 2.5/4/1	B.11	1934700000	PAP PTR2.5/4/4AN	B.16
1898420000	STGH SW ZRV2.5	D.83	1908960000	ZQV 2.5/20	B.16	1916410000	PRH 2.5/4/1	B.12	1934790000	WTQ 6/1 EN	E.57
1898430000	STGH O.ZA/SW ZRV2.5	D.83	1908960000	ZQV 2.5/20	B.19	1916410000	PRH 2.5/4/1	B.4	1934800000	WTQ 6/1 EN STB	E.57
1898450000	ZTC 2.5/4AN/4	D.72	1908960000	ZQV 2.5/20	B.31	1916410000	PRH 2.5/4/1	B.5	1934810000	WTL 6/1 EN	E.53
1898480000	ZTCPE 2.5/4AN/4	D.75	1908960000	ZQV 2.5/20	D.15	1916410000	PRH 2.5/4/1	B.8	1934810000	WTL 6/1 EN	E.57
1899170000	MOFU 15/35 ZPS2.5	D.131	1908960000	ZQV 2.5/20	C.28	1916410000	PRH 2.5/4/1	B.13	1934820000	WTL 6/1 EN STB	E.57
1899180000	PDL 4/NL/PE	B.25	1908960000	ZQV 2.5/20	C.31	1916410000	PRH 2.5/4/1	B.32	1934830000	WTD 6/1 EN	E.53
1899190000	PDL 4/TR/DU	B.18	1908960000	ZQV 2.5/20	C.34	1916410000	PRH 2.5/4/1	B.9	1934830000	WTD 6/1 EN	E.57
1899200000	PDL 4/TR/DU/PE	B.18	1908960000	ZQV 2.5/20	C.43	1916790000	PHP PNT 2.5/4 SO	B.19	1935130000	MCP EP	G.56
1899210000	PDL 4/TR/DU O TNHE	B.17	1908960000	ZQV 2.5/20	D.124	1917410000	WS 10/6 MC MIDDLE OR	G.46	1936140000	WKS 2/2	E.53
1899220000	PDL 4/TR/DU/PE O TNHE	B.17	1908960000	ZQV 2.5/20	D.129	1917420000	WS 10/6 MC MIDDLE GN	G.46	1936140000	WKS 2/2	E.63
			1908960000	ZQV 2.5/20	D.36	1917430000	WS 10/6 MC MIDDLE GE	G.46	1936150000	WKS 2/3	E.63
			1908960000	ZQV 2.5/20	D.60	1917440000	WS 10/6 MC MIDDLE RT	G.46	1936240000	STB 21.6/45 GE	E.57
			1908960000	ZQV 2.5/20	D.62	1918680000	PDK 2.5/4/4 BL	B.11	1936240000	STB 21.6/45 GE	E.53
			1908960000	ZQV 2.5/20	D.7	1918710000	PDK 2.5/4 PE	B.13	1936240000	STB 21.6/45 GE	E.62
			1908990000	ZQV 6/24 GE	D.17	1918720000	PDK 2.5/4L-PE	B.12	1936250000	STB 21.6/45 GN	E.53
			1908990000	ZQV 6/24 GE	D.9	1918730000	PDK 2.5/4V	B.11	1936250000	STB 21.6/45 GN	E.62
			1908990000	ZQV 6/24 GE	D.54	1918740000	PDK 2.5/4N-L	B.12	1936260000	STB 21.6/45 VI	E.53
			1908990000	ZQV 6/24 GE	D.61	1918760000	PDK 2.5/4 BL	B.11	1936260000	STB 21.6/45 VI	E.62
			1909000000	ZQV 6/24 GE	D.63	1918770000	PDK 2.5/4	B.11	1936260000	STB 21.6/45 VI	E.53
			1909000000	ZQV 2.5N/20 GE	D.71	1918780000	PEI 16	B.7	1936270000	STB 21.6/45 SW	E.62
			1909000000	ZQV 2.5N/20 GE	D.70	1918790000	PEI 16 BL	B.7	1936280000	STB 21.6/45 GR	E.62
			1909000000	ZQV 2.5N/20 GE	D.78	1918990000	PHP PNT16 SO	B.20	1936290000	STB 21.6/45 BL	E.62
			1909000000	ZQV 2.5N/20 GE	E.16	1919710000	PHP PNT 6/10 SO	B.19	1936300000	STB 21.6/45 RT	E.62
			1909000000	ZQV 2.5N/20 GE	E.4	1919720000	PAP PDK 2.5/4	B.11	1936440000	DP WGK 10	F.4
			1909000000	ZQV 2.5N/20 GE	E.5	1919720000	PAP PDK 2.5/4	B.12	1936470000	DP WGKV 4	F.9
			1909000000	ZQV 2.5N/20 GE	D.72	1919720000	PAP PDK 2.5/4	B.13	1936480000	WGK 4 GN/YE	F.9
			1909000000	ZQV 2.5N/20 GE	E.125	1919720000	PAP PDK 2.5/4	B.28	1936490000	WGK 4	F.9
			1909000000	ZQV 2.5N/20 GE	E.14				1936500000	WGK 10 GN/YE	F.4
			1909000000	ZQV 2.5N/20 GE	E.17				1936510000	WGK 10	F.4
			1909000000	ZQV 2.5N/20 GE	C.24				1936520000	WGK 10Z gn/ye	F.4
			1909010000	ZQV 4/20 GE	C.8	1920640000	PLOTTER PEN 0.25 P-INK	G.56	1936530000	WGK 10Z	F.4
			1909010000	ZQV 4/20 GE	C.9	1920640000	PLOTTER PEN 0.25 P-INK	G.57	1936540000	WGK 4 GN/YE	F.3
			1909010000	ZQV 4/20 GE	D.108	1920650000	PLOTTER PEN 0.35 P-INK	G.56	1936550000	WGK 4	F.3
			1909010000	ZQV 4/20 GE	D.15	1920650000	PLOTTER PEN 0.35 P-INK	G.57	1936560000	WGK 4/2Z gn/ye	F.3
			1909010000	ZQV 4/20 GE	D.16	1924310000	MCP AP SF4-6	G.56	1936570000	WGK 4/2Z	F.4
			1909010000	ZQV 4/20 GE	D.48	1924320000	MCP KLEBSTREIFEN	G.56	1936580000	WGKV 10Z gn/ye	F.3
			1909010000	ZQV 4/20 GE	D.49	1924330000	P-CLEANER	G.56	1936590000	WGKV 10Z gn/ye	F.4
			1909010000	ZQV 4/20 GE	D.8	1924330000	P-CLEANER	G.57	1936600000	WGKV 10Z	F.4
			1909010000	ZQV 4/20 GE	C.23	1924340000	P-INK	G.56	1936610000	WGKV 4 gn/ye	F.3
			1909010000	ZQV 4/20 GE	C.43	1924340000	P-INK	G.57	1936620000	WGKV 4Z gn/ye	F.3
			1909010000	ZQV 4/20 GE	D.124	1924350000	MCP COVER	G.56	1936630000	WGKV 4/2Z	F.3
			1909010000	ZQV 4/20 GE	D.60	1924360000	MCP AP	G.56	1936700000	DP WGK 16	F.5
			1909010000	ZQV 4/20 GE	D.62	1924370000	MCP AP LABELS	G.56	1936710000	DP WGK 25	F.5
			1909010000	ZQV 4/20 GE	D.9	1924440000	ZDK 2.5/3AN D1	D.109	1936710000	DP WGK 25	F.6
			1909020000	ZQV 4N/20 GE	E.7	1924450000	ZDK 2.5/3AN D2	D.109	1936720000	WGKV 25 gn/ye	F.6
			1909020000	ZQV 4N/20 GE	E.17	1924460000	ZDK 2.5/3AN DU-PE	D.36	1936740000	WGKV 25Z gn/ye	F.6
			1909020000	ZQV 4N/20 GE	E.65	1924470000	ZDK 2.5/3AN PE	D.36	1936750000	WGKV 25Z	F.6
			1909020000	ZQV 4N/20 GE	E.67	1924480000	ZDK 2.5/3AN V BL	D.20	1936760000	WGK 16 gn/ye	F.5
			1909020000	ZQV 4N/20 GE	E.125	1924490000	ZDK 2.5/3AN V	D.20	1936770000	WGK 16 VP GN/YE	F.5
			1909020000	ZQV 4N/20 GE	E.18	1924500000	ZDK 2.5/3AN BL	D.20	1936780000	WGK 16 VP	F.5
			1909020000	ZQV 4N/20 GE	E.6	1924510000	ZDK 2.5/3AN	D.20	1936790000	WGK 16 VP Z GN/YE	F.5
			1909020000	ZQV 4N/20 GE	E.64	1924910000	ZAP/TW ZDK 2.5/3AN	D.20	1936800000	WGK 16 VP Z	F.5
			1909020000	ZQV 4N/20 GE	E.66	1924910000	ZAP/TW ZDK 2.5/3AN	D.36	1936810000	WGK 16	F.5
			1909020000	ZQV 4N/20 GE	E.68	1924910000	ZAP/TW ZDK 2.5/3AN	D.109	1936820000	WGK 16Z gn/ye	F.5
			1909100000	ZQV 4N/20 BL	E.125	1925000000	MCP PLUS	G.55	1936830000	WGK 16Z	F.5
			1909110000	ZQV 2.5N/20 RT	E.125	1925030000	WTL 35/2STB	E.61	1936840000	WGK 25 GN/YE	F.5
			1909120000	ZQV 4N/20 SW	E.125	1925040000	WEW WTL 35	E.61	1936850000	WGK 25	F.5
			1909130000	ZQV 2.5N/20 SW	E.125	1925050000	WTL 35/1STB/WQV	E.61	1936860000	WGK 25 VP GN/YE	F.6
			1909140000	ZQV 2.5N/20 BL	E.125	1925060000	WTL 35/1STB	E.61	1936870000	WGK 25 VP	F.6
			1909150000	ZQV 4N/20 RT	E.125	1925070000					

Order No.	Type	Page
1937090000	WGK 50	F.7
1937100000	WGK 50/Z GN/YE	F.7
1937110000	WGK 50/Z	F.7
1937120000	WGK 95 F VP GN/YE	F.8
1937130000	WGK 95 F VP	F.8
1937140000	WGK 95 F VP/Z	F.8
1937360000	WGK 95 F VP/Z GN/YE	F.8
1937370000	WGK 95 GN/YE	F.8
1937380000	WGK 95	F.8
1937390000	WGK 95/Z GN/YE	F.8
1937400000	WGK 95/Z	F.8
1938790000	STB 21.6/45 DB	E.62
1938820000	WTL 6.1/STB/TNSC/EN	E.58
1939440000	WPDB 16/6 3/4	E.88
1939450000	WPDB 35-16/16 1-1/6	E.88
1939460000	WPDB 70/16 1/10	E.89
1939470000	WPDB 120/35-16-10 1/2-5-4	E.90
1939480000	WPDB 185/35-16-10 1/2-5-4	E.90
1939490000	WPDB 3x70/16 1/6	E.91
1939500000	WPDB 70/16 1/6	E.92
1939510000	WPDB 35/16/6/N 1/2/5/11	E.92

## 1950000000

1951870000	WS 8/5 PLUS MC NEUTRAL	G.46
1951880000	WS 8/6 PLUS MC NEUTRAL	G.46
1951920000	DEK 5/30 MC NEUTRAL	G.43
1951920000	DEK 5/30 MC NEUTRAL	G.50
1957710000	WAP WTL6/1L	E.57
1959580000	BLZP 5.00/19/90F SN SW	E.140

## 1960000000

1964820000	BFEL + BEMU WEW WTL 35	E.61
1965730000	VWGK 6 GN/YE	F.9
1965740000	VWGK 6	F.9
1965750000	DP VWGK6	F.9
1966020000	WSI 25/1 10x38	E.41
1966030000	WSI 25/3 CC	E.41
1966040000	WSI 25/2 CC	E.41
1966050000	WSI 25/1 CC	E.41
1966060000	WSI 25/1 10x38/LED	E.41
1966070000	WSI 25/1 CC/LED	E.41
1966080000	WSI 25/3 10x38	E.41
1966090000	WSI 25/2 10x38	E.41
1967200000	ZT 2.5/2X2AN	D.71

## 1970000000

1972980000	ZP 2.5/1AN ZA O.RA BL	D.88
------------	-----------------------	------

## 2060000000

2068740000	WAP 2.5-10 GE	E.114
------------	---------------	-------

## 2310000000

2318620000	GH ZE STGH ZRV2.5	D.83
2318670000	ZE ZRV2.5	D.83

## 2320000000

2321640000	STGH ZPC2.5 DB	D.72
2321640000	STGH ZPC2.5 DB	D.75

## 2330000000

2334730000	ADHB/8 WTL35	E.61
------------	--------------	------

## 3890000000

3896100000	SP 15	G.9
3896200000	SP 20	G.9
3896300000	SP 30	G.9

## 4060000000

4062150000	PJ-Clean Unit	G.54
------------	---------------	------

## 7900000000

7904100000	ZAP/TW 4/3AN	D.115
7904100000	ZAP/TW 4/3AN	D.25
7904100000	ZAP/TW 4/3AN	D.8
7904110000	ZAP/TW 4/3AN BL	D.115
7904110000	ZAP/TW 4/3AN BL	D.8
7904120000	ZAP/TW 4/3AN OR	D.115
7904170000	ZPE 4/3AN	D.25
7904180000	ZDU 4/3AN	D.8
7904190000	ZDU 4/3AN BL	D.8
7904210000	ZAP/TW4/4AN	D.115
7904210000	ZAP/TW4/4AN	D.25
7904210000	ZAP/TW4/4AN	D.9
7904220000	ZAP/TW4/4AN BL	D.115
7904220000	ZAP/TW4/4AN BL	D.9
7904230000	ZAP/TW4/4AN OR	D.115
7904280000	ZPE 4/4AN	D.25
7904290000	ZDU 4/4AN	D.9
7904300000	ZDU 4/4AN BL	D.9
7906040000	BK 2/E	G.16

Order No.	Type	Page
7906060000	BK 3/E	G.16
7906080000	BK 4/E	G.16
7906090000	BK 6/E	G.16
7906100000	BK 12/E	G.16
7906110000	MK 3/2/E	G.16
7906120000	MK 3/3/E	G.16
7906130000	MK 3/4/E	G.16
7906140000	MK 3/5/E	G.16
7906150000	MK 3/6/E	G.16
7906160000	MK 3/7/E	G.16
7906170000	MK 3/8/E	G.16
7906180000	MK 3/9/E	G.16
7906190000	MK 3/10/E	G.16
7906200000	MK 3/11/E	G.16
7906210000	MK 3/12/E	G.16
7906220000	MK 6/2/E	G.17
7906230000	MK 6/3/E	G.17
7906240000	MK 6/4/E	G.17
7906250000	MK 6/5/E	G.17
7906260000	MK 6/6/E	G.17
7907370000	ZAP/TW6/3AN	D.115
7907370000	ZAP/TW6/3AN	D.26
7907370000	ZAP/TW6/3AN	D.9
7907380000	ZAP/TW6/3AN BL	D.115
7907380000	ZAP/TW6/3AN BL	D.9
7907390000	ZAP/TW6/3AN OR	D.115
7907400000	ZPE 6/3AN	D.26
7907410000	ZDU 6/3AN	D.9
7907420000	ZDU 6/3AN BL	D.9

## 7910000000

7910180000	WTR 4	E.31
7910190000	WTR 4 BL	E.31
7910210000	WTR 4 STB	E.31
7910220000	WTR 4 STB BL	E.31
7910240000	WTR 4 SI	E.35
7910270000	WTR 4 SL	E.65
7910300000	WTR 4 STB SL	E.65
7910330000	WTR 4 SI SL	E.68
7910360000	WTR4 SL/EN	E.67
7910380000	WTR4 SL/EN SW	E.67
7910390000	WTR4 SL/EN STB	E.67
7910410000	WTR4 SL/EN STB SW	E.67
7914370000	WTR 4/SI LD 36V	E.35
7914380000	WTR 4/SI LD 70V	E.35
7914390000	WTR 4/SI LD 150V	E.35
7914400000	WTR 4/SI LD 250V	E.35
7917000000	AP MAK2.5 DB	E.116
7917000000	AP MAK2.5 DB	E.74

## 7920000000

7920080000	ZQV 16-10	D.124
7920100000	ZQV 35-10	D.124
7920120000	ZQV 35-16	D.124
7920340000	ZEW 15	D.99
7920340000	ZEW 15	D.100
7920340000	ZEW 15	D.98
7920340000	ZEW 15	D.29
7920900000	ZTR 2.5/4AN	D.53
7920930000	ZTR 2.5/4AN BL	D.53
7920940000	ZTR 2.5/4AN OR	D.144
7920950000	ZTR 2.5/4AN/O.TNHE	D.53
7921560000	SIHA 3/G20	B.15
7921560000	SIHA 3/G20	B.14
7921560000	SIHA 3/G20	B.17
7921560000	SIHA 3/G20	B.18
7921560000	SIHA 3/G20	C.18
7921560000	SIHA 3/G20	D.52
7921560000	SIHA 3/G20	E.31
7921560000	SIHA 3/G20	E.29
7921560000	SIHA 3/G20	E.32
7921560000	SIHA 3/G20	B.16
7921560000	SIHA 3/G20	B.33
7921560000	SIHA 3/G20	C.19
7921560000	SIHA 3/G20	C.46
7921560000	SIHA 3/G20	D.140
7921560000	SIHA 3/G20	D.53
7921560000	SIHA 3/G20	D.54
7921560000	SIHA 3/G20	D.80
7921560000	SIHA 3/G20	E.137
7921560000	SIHA 3/G20	E.33
7921570000	SIHA 3/G20/LD 10-36V	B.15
7921570000	SIHA 3/G20/LD 10-36V	B.14
7921570000	SIHA 3/G20/LD 10-36V	B.17
7921570000	SIHA 3/G20/LD 10-36V	B.18
7921570000	SIHA 3/G20/LD 10-36V	D.51
7921570000	SIHA 3/G20/LD 10-36V	D.80
7921570000	SIHA 3/G20/LD 10-36V	E.137
7921570000	SIHA 3/G20/LD 10-36V	E.32
7921570000	SIHA 3/G20/LD 10-36V	E.29
7921570000	SIHA 3/G20/LD 10-36V	E.33
7921570000	SIHA 3/G20/LD 10-36V	C.19
7921570000	SIHA 3/G20/LD 10-36V	C.46
7921570000	SIHA 3/G20/LD 10-36V	D.140
7921570000	SIHA 3/G20/LD 10-36V	D.53
7921570000	SIHA 3/G20/LD 10-36V	D.54
7921570000	SIHA 3/G20/LD 10-36V	D.80

Order No.	Type	Page
7921570000	SIHA 3/G20/LD 10-36V	E.137
7921570000	SIHA 3/G20/LD 10-36V	E.33
7921580000	SIHA 3/G20/LD 35-70V	B.33
7921580000	SIHA 3/G20/LD 35-70V	C.46
7921580000	SIHA 3/G20/LD 35-70V	D.140
7921580000	SIHA 3/G20/LD 35-70V	E.137
7921590000	SIHA 3/G20/LD 60-150V	B.33
7921590000	SIHA 3/G20/LD 60-150V	C.46
7921590000	SIHA 3/G20/LD 60-150V	D.140
7921590000	SIHA 3/G20/LD 60-150V	E.137
7921600000	SIHA 3/G20/LD 140-250V	B.15
7921600000	SIHA 3/G20/LD 140-250V	B.14
7921600000	SIHA 3/G20/LD 140-250V	B.17
7921600000	SIHA 3/G20/LD 140-250V	B.18
7921600000	SIHA 3/G20/LD 140-250V	C.18
7921600000	SIHA 3/G20/LD 140-250V	D.52
7921600000	SIHA 3/G20/LD 140-250V	E.31
7921600000	SIHA 3/G20/LD 140-250V	E.29
7921600000	SIHA 3/G20/LD 140-250V	E.32
7921600000	SIHA 3/G20/LD 140-250V	B.16
7921600000	SIHA 3/G20/LD 140-250V	B.33
7921600000	SIHA 3/G20/LD 140-250V	C.19
7921600000	SIHA 3/G20/LD 140-250V	C.46
7921600000	SIHA 3/G20/LD 140-250V	D.140
7921600000	SIHA 3/G20/LD 140-250V	D.53
7921600000	SIHA 3/G20/LD 140-250V	D.54
7921600000	SIHA 3/G20/LD 140-250V	D.80
7921600000	SIHA 3/G20/LD 140-250V	E.137
7921600000	SIHA 3/G20/LD 140-250V	E.33

## 8010000000

8010040000	WDK 2.5 LD GR 1R 24VDC	E.86
8014670000	WDK 2.5 2D	E.84

## 8020000000

8023610000	WDK 2.5 LD GR 1R 24VDC	E.86
8023630000	WDK 2.5 LD ROT 1R 24VDC	E.86
8025610000	WDK 2.5 1D	E.83

## 8630000000

8630740000	ZEW 35/2	B.23
8630740000	ZEW 35/2	B.25
8630740000	ZEW 35/2	B.21
8630740000	ZEW 35/2	B.22
8630740000	ZEW 35/2	B.24
8630740000	ZEW 35/2	D.109
8630740000	ZEW 35/2	D.36
8630740000	ZEW 35/2	G.29

## 8670000000

8670520000	ZDK 4-2/D forward	D.108
8670620000	ZAP/TW ZDK4-2 BL	D.48
8670620000	ZAP/TW ZDK4-2 BL	D.49
8670640000	ZDK 4-2/D reverse	D.108
8670750000	ZDK 4-2	D.48
8670760000	ZAP/TW ZDK4-2	D.48
8670760000	ZAP/TW ZDK4-2	D.49
8670760000	ZAP/TW ZDK4-2	D.108
8670760000	ZAP/TW ZDK4-2	D.50
8670850000	ZDK 4-2 BL	D.48
8671050000	ZDK 4-2 PE	D.50
8671080000	ZDK 4-2 V	D.48
8671120000	ZDK 4-2/DU-PE	D.49

## 8720000000

8728450000	ZTR 2.5/3AN/O.TNHE	D.52
------------	--------------------	------

## 8730000000

8731640000	WTR 2.5 BL	E.29
8731660000	WTR 2.5 STB2.3 BL	E.29
8731670000	WTR 2.5/O.TNHE STB2.3	E.29
8731680000	ZTR 2.5 OR	D.144
8731690000	ZTR 2.5/3AN OR	D.144
8731700000	WTR 2.5/O.TNHE	E.29
8731710000	ZTR 2.5 BL	D.80
8731720000	ZTR 2.5/3AN	D.52
8731730000	ZTR 2.5/3AN BL	D.52

## 8810000000

8817920000	ZTR 6-2 E / 24V DC	D.55
8817930000	ZTR 6-2 E / 230V UC	D.55

## 9000000000

9002170000	KT ZQV	G.61
9002650000	KT 8	G.60
9002660000	KT 12	G.60
9004500000	H0,5/10	G.93
9004600000	H1,5/12	G.93
9004700000	H1,5/18	G.93
9004800000	H2,5/10	G.93
9004900000	H2,5/18	G.93
9004100000	H4,0/15	G.93



Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page	Order No.	Type	Page
9006060000	SWIFTY SET	C.26	9008330000	SD 0,6x3,5x100	D.42	9008350000	SD 1,0x5,5x150	D.28	9009090000	SK 8,0x125	G.75
9006060000	SWIFTY SET	C.31	9008330000	SD 0,6x3,5x100	D.43	9008350000	SD 1,0x5,5x150	D.61	9009100000	SK 7,0x125	G.75
9006060000	SWIFTY SET	C.33	9008330000	SD 0,6x3,5x100	D.46	9008350000	SD 1,0x5,5x150	D.64	9009110000	SK 6,0x125	G.75
9006060000	SWIFTY SET	C.34	9008330000	SD 0,6x3,5x100	D.47	9008350000	SD 1,0x5,5x150	D.67	9009120000	SK 5,5x125	G.75
9006060000	SWIFTY SET	C.6	9008330000	SD 0,6x3,5x100	D.48	9008350000	SD 1,0x5,5x150	D.9	9009140000	SD TH30	G.75
9006060000	SWIFTY SET	C.7	9008330000	SD 0,6x3,5x100	D.49	9008350000	SD 1,0x5,5x150	E.25	9009150000	SD TH25	G.75
9006060000	SWIFTY SET	C.8	9008330000	SD 0,6x3,5x100	D.52	9008350000	SD 1,0x5,5x150	E.50	9009160000	SD TH20	G.75
9006060000	SWIFTY SET	C.9	9008330000	SD 0,6x3,5x100	D.53	9008350000	SD 1,0x5,5x150	E.90	9009170000	SD TH15	G.75
9006060000	SWIFTY SET	E.45	9008330000	SD 0,6x3,5x100	D.85	9008350000	SD 1,0x5,5x150	B.10	9009180000	SD TH10	G.75
9006060000	SWIFTY SET	E.47	9008330000	SD 0,6x3,5x100	D.56	9008350000	SD 1,0x5,5x150	B.20	9009190000	SD TH8	G.75
9006060000	SWIFTY SET	E.49	9008330000	SD 0,6x3,5x100	D.6	9008350000	SD 1,0x5,5x150	B.6	9009640000	SDI T10	G.74
9006060000	SWIFTY SET	E.85	9008330000	SD 0,6x3,5x100	D.99	9008350000	SD 1,0x5,5x150	B.7	9009650000	SDI T15	G.74
9006060000	SWIFTY SET	E.38	9008330000	SD 0,6x3,5x100	D.100	9008350000	SD 1,0x5,5x150	D.12	9009660000	SDI T20	G.74
9006060000	SWIFTY SET	E.44	9008330000	SD 0,6x3,5x100	D.102	9008350000	SD 1,0x5,5x150	D.17	9009670000	SDI T25	G.74
9006060000	SWIFTY SET	E.46	9008330000	SD 0,6x3,5x100	D.103	9008350000	SD 1,0x5,5x150	D.29	9009680000	SDI T30	G.74
9006060000	SWIFTY SET	E.48	9008330000	SD 0,6x3,5x100	D.104	9008350000	SD 1,0x5,5x150	D.33	9009690000	SDI T40	G.74
9006060000	SWIFTY SET	E.50	9008330000	SD 0,6x3,5x100	D.62	9008350000	SD 1,0x5,5x150	D.51			
9006060000	SWIFTY SET	E.83	9008330000	SD 0,6x3,5x100	D.105	9008350000	SD 1,0x5,5x150	D.60			
9006060000	SWIFTY SET	E.84	9008330000	SD 0,6x3,5x100	D.106	9008350000	SD 1,0x5,5x150	D.63			
9006060000	SWIFTY SET	E.86	9008330000	SD 0,6x3,5x100	D.107	9008350000	SD 1,0x5,5x150	D.65			
9006060000	SWIFTY SET	C.13	9008330000	SD 0,6x3,5x100	D.108	9008350000	SD 1,0x5,5x150	E.24			
9006060000	SWIFTY SET	C.15	9008330000	SD 0,6x3,5x100	D.109	9008350000	SD 1,0x5,5x150	E.49			
9006060000	SWIFTY SET	C.16	9008330000	SD 0,6x3,5x100	D.66	9008350000	SD 1,0x5,5x150	G.75			
9006060000	SWIFTY SET	C.21	9008330000	SD 0,6x3,5x100	D.7	9008370000	SDI 0,4x2,5x75	B.23			
9006060000	SWIFTY SET	C.28	9008330000	SD 0,6x3,5x100	D.70	9008370000	SDI 0,4x2,5x75	B.25			
9006060000	SWIFTY SET	D.42	9008330000	SD 0,6x3,5x100	D.73	9008370000	SDI 0,4x2,5x75	B.21			
9006060000	SWIFTY SET	D.47	9008330000	SD 0,6x3,5x100	D.74	9008370000	SDI 0,4x2,5x75	B.22			
9006060000	SWIFTY SET	E.82	9008330000	SD 0,6x3,5x100	D.75	9008370000	SDI 0,4x2,5x75	B.24			
9006060000	SWIFTY SET	G.73	9008330000	SD 0,6x3,5x100	D.76	9008370000	SDI 0,4x2,5x75	G.74			
9006120000	CTI 6	E.60	9008330000	SD 0,6x3,5x100	D.78	9008380000	SDI 0,5x3,0x100	G.74			
9006120000	CTI 6	G.81	9008330000	SD 0,6x3,5x100	D.8	9008390000	SDI 0,6x3,5x100	E.45			
9006210000	CTI 6 S	G.81	9008330000	SD 0,6x3,5x100	D.84	9008390000	SDI 0,6x3,5x100	E.44			
9006450000	PZ 50	G.70	9008330000	SD 0,6x3,5x100	D.92	9008390000	SDI 0,6x3,5x100	E.74			
9006450000	PZ 50	G.81	9008330000	SD 0,6x3,5x100	D.93	9008390000	SDI 0,6x3,5x100	F.3			
9006590000	H1,5/17,5X SW SV	G.91	9008330000	SD 0,6x3,5x100	D.96	9008390000	SDI 0,6x3,5x100	D.54			
9006630000	H1,5/19,5X SW SV	G.91	9008330000	SD 0,6x3,5x100	D.97	9008390000	SDI 0,6x3,5x100	D.55			
9006670000	H2,5/17,5X BL SV	G.91	9008330000	SD 0,6x3,5x100	D.98	9008390000	SDI 0,6x3,5x100	F.9			
9006710000	H2,5/21,5X BL SV	G.91	9008330000	SD 0,6x3,5x100	E.23	9008390000	SDI 0,6x3,5x100	G.74			
9006750000	H4,0/19,5X GR SV	G.91	9008330000	SD 0,6x3,5x100	E.31	9008400000	SDI 0,8x4,0x100	E.60			
9006790000	H6,0/23,0X GE SV	G.91	9008330000	SD 0,6x3,5x100	E.33	9008400000	SDI 0,8x4,0x100	F.4			
9006830000	H10,0/24,5X R SV	G.91	9008330000	SD 0,6x3,5x100	E.47	9008400000	SDI 0,8x4,0x100	F.9			
9006870000	H16,0/25,5X BL SV	G.91	9008330000	SD 0,6x3,5x100	E.71	9008400000	SDI 0,8x4,0x100	G.74			
9007440000	DMS 3	G.71	9008330000	SD 0,6x3,5x100	E.19	9008410000	SDI 1,0x5,5x125	F.5			
9007450000	AKKU DMS 3	G.71	9008330000	SD 0,6x3,5x100	E.20	9008410000	SDI 1,0x5,5x125	G.74			
9007460000	LADEGERAET DMS 3	G.71	9008330000	SD 0,6x3,5x100	E.21	9008420000	SDI 1,2x6,5x150	F.6			
9007470000	DMS 3 SET 1	G.71	9008330000	SD 0,6x3,5x100	E.22	9008420000	SDI 1,2x6,5x150	F.7			
9007480000	DMS 3 SET 2	G.71	9008330000	SD 0,6x3,5x100	E.29	9008420000	SDI 1,2x6,5x150	F.5			
9008320000	SD 0,5x3,0x80	B.15	9008330000	SD 0,6x3,5x100	E.85	9008430000	SDI 1,6x8,0x175	G.74			
9008320000	SD 0,5x3,0x80	B.5	9008330000	SD 0,6x3,5x100	E.30	9008450000	SDIZ 0,6x3,5x100	G.80			
9008320000	SD 0,5x3,0x80	B.9	9008330000	SD 0,6x3,5x100	E.32	9008460000	SDIZ 0,8x4,0x100	G.80			
9008320000	SD 0,5x3,0x80	B.11	9008330000	SD 0,6x3,5x100	E.34	9008470000	SDK PH0	G.75			
9008320000	SD 0,5x3,0x80	B.12	9008330000	SD 0,6x3,5x100	E.35	9008480000	SDK PH1	G.75			
9008320000	SD 0,5x3,0x80	B.14	9008330000	SD 0,6x3,5x100	E.38	9008490000	SDK PH2	G.75			
9008320000	SD 0,5x3,0x80	B.17	9008330000	SD 0,6x3,5x100	E.46	9008500000	SDK PH3	G.75			
9008320000	SD 0,5x3,0x80	B.18	9008330000	SD 0,6x3,5x100	E.48	9008520000	SDK PZ0	G.75			
9008320000	SD 0,5x3,0x80	B.19	9008330000	SD 0,6x3,5x100	E.49	9008530000	SDK PZ1	E.88			
9008320000	SD 0,5x3,0x80	B.4	9008330000	SD 0,6x3,5x100	E.70	9008530000	SDK PZ1	E.92			
9008320000	SD 0,5x3,0x80	B.8	9008330000	SD 0,6x3,5x100	E.72	9008530000	SDK PZ2	G.75			
9008320000	SD 0,5x3,0x80	B.13	9008330000	SD 0,6x3,5x100	E.73	9008540000	SDK PZ2	E.88			
9008320000	SD 0,5x3,0x80	B.16	9008330000	SD 0,6x3,5x100	E.83	9008540000	SDK PZ2	E.92			
9008320000	SD 0,5x3,0x80	B.6	9008330000	SD 0,6x3,5x100	E.84	9008540000	SDK PZ2	G.75			
9008320000	SD 0,5x3,0x80	D.50	9008330000	SD 0,6x3,5x100	E.86	9008550000	SDK PZ3	G.75			
9008320000	SD 0,5x3,0x80	G.75	9008330000	SD 0,6x3,5x100	C.13	9008560000	SDIK PH0	G.74			
9008330000	SD 0,6x3,5x100	C.11	9008330000	SD 0,6x3,5x100	C.15	9008570000	SDIK PH1	G.74			
9008330000	SD 0,6x3,5x100	C.23	9008330000	SD 0,6x3,5x100	C.19	9008580000	SDIK PH2	G.74			
9008330000	SD 0,6x3,5x100	C.27	9008330000	SD 0,6x3,5x100	C.21	9008590000	SDIK PH3	G.74			
9008330000	SD 0,6x3,5x100	C.35	9008330000	SD 0,6x3,5x100	C.28	9008640000	SDIZ 0,8x5,5 150/248	E.60			
9008330000	SD 0,6x3,5x100	D.15	9008330000	SD 0,6x3,5x100	D.19	9008850000	SK WSD-S 1,5-10,0	G.76			
9008330000	SD 0,6x3,5x100	D.31	9008330000	SD 0,6x3,5x100	D.35	9008860000	SKS 2,0-8,0	E.88			
9008330000	SD 0,6x3,5x100	D.41	9008330000	SD 0,6x3,5x100	D.44	9008860000	SKS 2,0-8,0	E.90			
9008330000	SD 0,6x3,5x100	C.10	9008330000	SD 0,6x3,5x100	D.50	9008860000	SKS 2,0-8,0	E.89			
9008330000	SD 0,6x3,5x100	C.12	9008330000	SD 0,6x3,5x100	D.54	9008860000	SKS 2,0-8,0	E.91			
9008330000	SD 0,6x3,5x100	C.14	9008330000	SD 0,6x3,5x100	D.57	9008860000	SKS 2,0-8,0	E.92			
9008330000	SD 0,6x3,5x100	C.16	9008330000	SD 0,6x3,5x100	D.58	9008860000	SKS 2,0-8,0	G.76			
9008330000	SD 0,6x3,5x100	C.18	9008330000	SD 0,6x3,5x100	D.60	9008870000	SKS 2,0-8,0 MR	G.76			
9008330000	SD 0,6x3,5x100	C.20	9008330000	SD 0,6x3,5x100	D.65	9008880000	TH-S 9-40	G.76			
9008330000	SD 0,6x3,5x100	C.22	9008330000	SD 0,6x3,5x100	D.67	9008890000	SDIK PZ2	G.74			
9008330000	SD 0,6x3,5x100	C.24	9008330000	SD 0,6x3,5x100	D.79	9008900000	SDIK PZ1	G.74			
9008330000	SD 0,6x3,5x100	C.25	9008330000	SD 0,6x3,5x100	D.80	9008910000	SDI 1,0x4,5x125	G.74			
9008330000	SD 0,6x3,5x100	C.26	9008330000	SD 0,6x3,5x100	D.86	9008920000	SKI 13,0x125	G.74			
9008330000	SD 0,6x3,5x100	C.31	9008330000	SD 0,6x3,5x100	D.9	9008930000	SKI 11,0x125	G.74			
9008330000	SD 0,6x3,5x100	C.33	9008330000	SD 0,6x3,5x100	E.25	9008940000	SKI 10,0x125	G.74			
9008330000	SD 0,6x3,5x100	C.34	9008330000	SD 0,6x3,5x100	E.82	9008950000	SKI 9,0x125	G.74			
9008330000	SD 0,6x3,5x100	C.6	9008330000	SD 0,6x3,5x100	G.73	9008960000	SKI 8,0x125	G.74			
9008330000	SD 0,6x3,5x100	C.7	9008330000	SD 0,6x3,5x100	G.75	9008970000	SKI 7,0x125	G.74			
9008330000	SD 0,6x3,5x100	C.8	9008340000	SD 0,8x4,0x100	D.17	9008980000	SKI 6,0x125	G.74			
9008330000	SD 0,6x3,5x100	C.9	9008340000	SD 0,8x4,0x100	E.39	9008990000	SKI 5,5x125	G.74			
9008330000	SD 0,6x3,5x100	D.14	9008340000	SD 0,8x4,0x100	E.60	9009000000	SKI 5,0x125	G.74			
9008330000	SD 0,6x3,5x100	D.16	9008340000	SD 0,8x4,0x100	D.33	9009010000	SD 1,2x6,5x150	E.26			

Order No.	Type	Page
9019330000	H35,0/39D R	G.84
9019340000	H50/36D BL	G.84
9019350000	H50/40D BL	G.84
9019400000	H0,5/14D W SV	G.86
9019400000	H0,5/14D W SV	G.86
9019410000	H0,75/14D GR SV	G.84
9019420000	H1,0/14D R SV	G.84
9019420000	H1,0/14D R SV	G.86
9019430000	H1,5/14D SW SV	G.84
9019430000	H1,5/14D SW SV	G.86

## 9020000000

9020000000	STRIPAX PLUS 2.5	G.66
9020000000	STRIPAX PLUS 2.5	G.81
9021010000	H0,25/10T GE	G.86
9021020000	H0,25/12T GE	G.86
9021030000	H0,75/12T HBL	G.86
9021040000	H0,75/14 HBL	G.86
9021050000	H0,75/16T HBL	G.86
9021060000	H0,75/18T HBL	G.86
9021070000	H2,5/14T GR	G.86
9021080000	H2,5/18T GR	G.86
9021090000	H2,5/24T GR	G.86
9021100000	H4,0/17T OR	G.86
9021110000	H4,0/20T OR	G.86
9021120000	H4,0/26T OR	G.86
9021130000	H6,0/20T GN	G.86
9021140000	H6/26T GN	G.86
9021150000	H10,0/22T BR	G.86
9021160000	H10,0/28T BR	G.86
9021170000	H16,0/24T W	G.86
9021180000	H16,0/28T W	G.86
9021190000	H25,0/30T SW	G.86
9021200000	H25,0/36T SW	G.86
9021210000	H0,25/10T GE SV	G.86
9021220000	H0,25/12T GE SV	G.86
9021230000	H0,75/14T HBL SV	G.86
9021240000	H2,5/14T GR SV	G.86
9021250000	H4/17T OR SV	G.86
9025240000	H1,5/14S SV	G.92
9025570000	BIT E6.3 Z 0.6X3.5X39	G.80
9025590000	BIT E6.3 Z 0.8X4.0X39	G.80
9025690000	H1,5/12S R	G.92
9025700000	H0,75/14S W SV	G.92
9025710000	H1,0/14S GE SV	G.92
9025720000	H1,5/14S R SV	G.92
9025740000	H0,25/10 HBL	G.82
9025750000	H0,34/10 TK	G.82
9025760000	H0,25/12 HBL	B.36
9025760000	H0,25/12 HBL	G.82
9025770000	H0,34/12 TK	B.36
9025770000	H0,34/12 TK	G.82
9025780000	H0,25/12 HBL SV	B.36
9025780000	H0,25/12 HBL SV	G.82
9025790000	H0,34/12 TK SV	B.36
9025790000	H0,34/12 TK SV	G.82
9025860000	H0,75/16 W	B.36
9025860000	H0,75/16 W	G.82
9025870000	H0,5/16 OR	B.36
9025870000	H0,5/16 OR	G.74
9025870000	H0,5/16 OR	G.82
9025880000	H50,0/25	G.93
9025910000	H0,75/18 W	B.36
9025910000	H0,75/18 W	G.82
9025930000	H1,0/18 GE	B.36
9025930000	H1,0/18 GE	G.82
9025950000	H1,0/16 GE	B.36
9025950000	H1,0/16 GE	G.82
9025960000	H0,75/14S W	G.92
9025970000	H1,0/14S GE	G.92
9025980000	H1,5/14S R	G.92
9026010000	H4/17 GR SV	G.84
9026010000	H4/17 GR SV	G.84
9026030000	H0,34/10 TK SV	G.82
9026050000	H0,25/10 HBL SV	G.82
9026060000	H0,5/14 OR SV	B.36
9026060000	H0,5/14 OR SV	G.82
9026070000	H0,75/14 W SV	B.36
9026070000	H0,75/14 W SV	G.82
9026080000	H1,0/14 GE SV	G.82
9026090000	H1,5/14 R SV	G.82
9026100000	H2,5/14 BL SV	G.82
9026100000	H2,5/14 BL SV	G.84
9026200000	H70,0/40 GE	G.82
9026210000	H95,0/44 R	G.82
9026220000	H120,0/50 BL	G.82
9026230000	H150,0/54 GE	G.82
9026240000	H0,14/12 GR SV	B.36
9026240000	H0,14/12 GR SV	G.82
9026250000	H0,14/10T BR SV	G.86
9026260000	H0,5/10 OR SV	G.82
9026270000	H0,5/16 OR SV	B.36
9026270000	H0,5/16 OR SV	G.82
9026280000	H0,75/12 W SV	G.82
9026290000	H0,75/16 W SV	B.36
9026290000	H0,75/16 W SV	G.82
9026300000	H0,75/18 W SV	B.36
9026300000	H0,75/18 W SV	G.82
9026310000	H1,0/12 GE SV	G.82

## 9030000000

9036200000	H2,5/12TS GR	G.92
9036220000	H2,5/16DS BL	G.92
9036240000	H120,0/32	G.93
9036250000	H150,0/32	G.93
9036260000	H185,0/32	G.93
9036290000	HOOKBLA 0,25-1,5 SW	G.94
9036300000	HOOKBLA 1,0-2,5 SW	G.94
9037160000	SD 0,4x2,0x60	D.22
9037160000	SD 0,4x2,0x60	D.38
9037160000	SD 0,4x2,0x60	D.4
9037160000	SD 0,4x2,0x60	D.5
9037160000	SD 0,4x2,0x60	D.23
9037160000	SD 0,4x2,0x60	D.39
9037160000	SD 0,4x2,0x60	D.44
9037160000	SD 0,4x2,0x60	G.75
9037200000	H0,5/15 ZH OR	B.37
9037200000	H0,5/15 ZH OR	G.88
9037200000	H0,5/15 ZH OR	G.90
9037210000	H0,5/16,5 ZH OR	B.37
9037210000	H0,5/16,5 ZH OR	G.88
9037210000	H0,5/16,5 ZH OR	G.90
9037220000	H0,5/18,5 ZH OR	B.37
9037220000	H0,5/18,5 ZH OR	G.88
9037220000	H0,5/18,5 ZH OR	G.90
9037230000	H0,75/15 ZH W	B.37
9037230000	H0,75/15 ZH W	G.88
9037240000	H0,75/17 ZH W	B.37
9037240000	H0,75/17 ZH W	G.88
9037250000	H0,75/24,5 ZH W	B.37
9037250000	H0,75/24,5 ZH W	G.88
9037250000	H0,75/24,5 ZH W	G.88
9037260000	H1,0/15 ZH GE	G.88
9037270000	H1,0/20 ZH GE	B.37
9037280000	H1,0/25,6 ZH GE	G.88
9037280000	H1,0/25,6 ZH GE	G.88
9037290000	H1,5/16 ZH R	G.88
9037300000	H1,5/20 ZH R	G.88
9037310000	H1,5/25,6 ZH R	B.37
9037310000	H1,5/25,6 ZH R	G.88
9037320000	H6,0/25 ZH SW	G.88
9037330000	H6,0/29 ZH SW	G.88
9037340000	H10,0/26 ZH EB	G.88
9037350000	H10,0/30 ZH EB	G.88
9037360000	H16,0/29 ZH GN	G.88
9037370000	H16,0/38 ZH GN	G.88
9037380000	H0,5/15D ZH W	G.89
9037390000	H0,5/16,5D ZH W	G.89
9037400000	H0,5/18,4D ZH W	G.89
9037410000	H0,75/15D ZH GR	G.89
9037420000	H0,75/17D ZH GR	G.89
9037430000	H0,75/24,5D ZH GR	G.89
9037440000	H1,0/15D ZH R	G.89
9037440000	H1,0/15D ZH R	G.90
9037450000	H1,0/20D ZH R	G.89
9037450000	H1,0/20D ZH R	G.90
9037460000	H1,0/25,6D ZH R	G.89
9037460000	H1,0/25,6D ZH R	G.90
9037470000	H1,5/16D ZH SW	G.89
9037470000	H1,5/16D ZH SW	G.90
9037480000	H1,5/20D ZH SW	G.89
9037480000	H1,5/20D ZH SW	G.90
9037490000	H1,5/25,6D ZH SW	G.89
9037490000	H1,5/25,6D ZH SW	G.90
9037500000	H2,5/18,5D ZH BL	G.88
9037500000	H2,5/18,5D ZH BL	G.89
9037510000	H2,5/20,5D ZH BL	G.89
9037520000	H2,5/26,5D ZH BL	B.37
9037520000	H2,5/26,5D ZH BL	G.88
9037520000	H2,5/26,5D ZH BL	G.89
9037530000	H4,0/22D ZH GR	G.88
9037530000	H4,0/22D ZH GR	G.89
9037540000	H4,0/28D ZH GR	G.88
9037540000	H4,0/28D ZH GR	G.89
9037550000	H6,0/25D ZH SW	G.89
9037560000	H6,0/29D ZH GE	G.89
9037570000	H10,0/26D ZH R	G.89
9037580000	H10,0/30D ZH R	G.89
9037590000	H16,0/29D ZH BL	G.89
9037600000	H16,0/38D ZH BL	G.89
9037610000	H0,75/15T ZH HBL	G.90
9037620000	H0,75/17T ZH HBL	G.90
9037630000	H0,75/24,5T ZH HBL	G.90
9037640000	H2,5/18,5T ZH GR	G.90
9037650000	H2,5/20,5T ZH GR	G.90
9037660000	H2,5/26,5T ZH GR	G.90
9037670000	H4,0/22T ZH OR	G.90
9037680000	H4,0/28T ZH OR	G.90
9037690000	H6,0/25T ZH GN	G.90
9037700000	H6,0/29T ZH GN	G.90

## 9200000000

9037710000	H10,0/26T ZH BR	G.90
9037720000	H10,0/30T ZH BR	G.90
9037730000	H16,0/29T ZH W	G.90
9037740000	H16,0/38T ZH W	G.90

9054030000	MEHA OB/UN 6° SPX 3	G.65
9054080000	MEHA OB/UN 16° SPX 3	G.65

9200070000	LIR 1,5M3 V	G.94
9200080000	LIR 1,5M3,5 V	G.94
9200090000	LIR 1,5M4 V	E.60
9200090000	LIR 1,5M4 V	G.94
9200100000	LIR 1,5M5 V	G.94
9200110000	LIR 1,5M6 V	G.94
9200120000	LIR 1,5M8 V	G.94
9200150000	LIR 2,5M3 V	G.94
9200160000	LIR 2,5M3,5 V	G.94
9200170000	LIR 2,5M4 V	E.60
9200170000	LIR 2,5M4 V	G.94
9200180000	LIR 2,5M5 V	G.94
9200190000	LIR 2,5M6 V	G.94
9200200000	LIR 2,5M8 V	G.94
9200210000	LIR 2,5M10 V	G.94
9200230000	LIR 6M4 V	E.60
9200230000	LIR 6M4 V	G.94
9200240000	LIR 6M5 V	G.94
9200250000	LIR 6M6 V	G.94
9200260000	LIR 6M8 V	G.94
9200270000	LIR 6M10 V	G.94
9200290000	LIS 1,5M3 V	G.94
9200300000	LIS 1,5M3,5 V	G.94
9200310000	LIS 1,5M4 V	G.94
9200320000	LIS 1,5M5 V	G.94
9200330000	LIS 1,5M6 V	G.94
9200350000	LIS 2,5M3 V	G.94
9200360000	LIS 2,5M3,5 V	G.94
9200370000	LIS 2,5M4 V	G.94
9200380000	LIS 2,5M5 V	G.94
9200390000	LIS 2,5M6 V	G.94
9200410000	LIS 6M4 V	G.94
9200420000	LIS 6M5 V	G.94
9200430000	LIS 6M6 V	G.94
9200440000	LIS 6M8 V	G.94
9200450000	LIS 6M10 V	G.94
9200460000	LIP 1,5R12 V	G.94
9200470000	LIP 2,5R12 V	G.94
9200480000	LIP 6R14 V	G.94
9200490000	LIP 1,5B25 VF	G.95
9200500000	LIP 2,5B25 VF	G.95
9200510000	LIP 6B26 VF	G.95
9200520000	LIF 1,5F288 R	G.95
9200530000	LIF 1,5F488 R	G.95
9200540000	LIF 1,5F638 R	G.95
9200550000	LIF 2,5F488 R	G.95
9200560000	LIF 2,5F638 R	G.95
9200570000	LIF 6F638 R	G.95
9200580000	LIF 1,5M638 R	G.95
9200590000	LIF 2,5M638 R	G.95
9200600000	LIF 6M638 R	G.95
9200610000	LIF 1,5T638 R	G.95
9200620000	LIF 2,5T638 R	G.95
9200630000	LIF 6T638 R	G.95
9200640000	LIF 1,5F638 RF	G.95
9200650000	LIF 2,5F638 RF	G.95
9200660000	LIF 6F638 RF	G.95
9200670000	LID 1,5M4 R	G.96
9200680000	LID 2,5M5 R	G.96
9200690000	LID 6M5 R	G.96
9200700000	LID 1,5F4 RF	G.96
9200710000	LID 2,5F5 RF	G.96
9200720000	LID 6,0F5 RF	G.96
9201610000	WQV PEN 50N	E.141
9201620000	WQV PEN 70N	E.141
9201940000	SDI T8	G.74
9202040000	KT 45 R	G.63
9202820000	H0,75/19S ZH W	B.37
9202820000	H0,75/19S ZH W	G.88
9202830000	H0,75/19DS ZH GR	G.89
9202840000	H0,75/19TS ZH HBL	G.90
9202870000	H1,5/24 XS SW	G.89
9202880000	H2,5/24 XS BL	G.89
9202900000	H0,5/16 S OR	G.89
9202910000	H0,5/16 DS Weiß	G.89
9203620000	H10,0/22 S EB	B.36
9203630000	H4,0/20 DS GR	B.36
9203640000	Crimp Set PZ 16 PI	B.35
9203650000	Crimp Set PZ 6 roto PI	B.35
9204190000	AM 16	G.64
9204260000	ERME AM 16	G.64
9204270000	ERME KT 45 R	G.63
9205690000	SDI 0.4X2.0X60	G.74
9205700000	SDI 1.0X4.5X175	G.74
9205710000	SDI 1.0X5.5X175	G.74

## 9420000000

9426770000	H2,5/14TS GR	G.92
------------	--------------	------

## 9450000000

9451000000	H35,0/30S
------------	-----------

Order No.	Type	Page
9540000000	ZEW 35	D.16
9540000000	ZEW 35	D.18
9540000000	ZEW 35	D.20
9540000000	ZEW 35	D.22
9540000000	ZEW 35	D.24
9540000000	ZEW 35	D.25
9540000000	ZEW 35	D.26
9540000000	ZEW 35	D.27
9540000000	ZEW 35	D.28
9540000000	ZEW 35	D.30
9540000000	ZEW 35	D.32
9540000000	ZEW 35	D.33
9540000000	ZEW 35	D.34
9540000000	ZEW 35	D.38
9540000000	ZEW 35	D.4
9540000000	ZEW 35	D.40
9540000000	ZEW 35	D.42
9540000000	ZEW 35	D.43
9540000000	ZEW 35	D.44
9540000000	ZEW 35	D.46
9540000000	ZEW 35	D.47
9540000000	ZEW 35	D.48
9540000000	ZEW 35	D.49
9540000000	ZEW 35	D.50
9540000000	ZEW 35	D.52
9540000000	ZEW 35	D.53
9540000000	ZEW 35	D.54
9540000000	ZEW 35	D.6
9540000000	ZEW 35	D.60
9540000000	ZEW 35	D.102
9540000000	ZEW 35	D.103
9540000000	ZEW 35	D.104
9540000000	ZEW 35	D.62
9540000000	ZEW 35	D.106
9540000000	ZEW 35	D.63
9540000000	ZEW 35	D.64
9540000000	ZEW 35	D.108
9540000000	ZEW 35	D.65
9540000000	ZEW 35	D.66
9540000000	ZEW 35	D.7
9540000000	ZEW 35	D.8
9540000000	ZEW 35	B.10
9540000000	ZEW 35	B.13
9540000000	ZEW 35	B.16
9540000000	ZEW 35	B.20
9540000000	ZEW 35	B.7
9540000000	ZEW 35	D.110
9540000000	ZEW 35	D.12
9540000000	ZEW 35	D.19
9540000000	ZEW 35	D.29
9540000000	ZEW 35	D.35
9540000000	ZEW 35	D.36
9540000000	ZEW 35	D.39
9540000000	ZEW 35	D.51
9540000000	ZEW 35	D.55
9540000000	ZEW 35	D.80
9540000000	ZEW 35	G.29

## 9910000000

9918370000	DMS MANUELL 0,5-1,7	G.78
9918380000	DMS MANUELL 2,0-8,0	G.78
9918390000	DMSI MANUELL 0,5-1,7	G.79
9918400000	DMSI MANUELL 2,0-8,0	G.79
9918410000	WK SI 0,4x2,5	G.79
9918420000	WK SI 0,5x3,0	G.79
9918430000	WK SI 0,6x3,5	G.79
9918440000	WK SI 0,8x4,0	G.79
9918450000	WK SI 1,0x5,5	G.79
9918460000	WK IK PH0	G.79
9918470000	WK IK PH1	G.79
9918480000	WK IK PH2	G.79
9918490000	WK IK PZ0	G.79
9918500000	WK IK PZ1	G.79
9918510000	WK IK PZ2	G.79
9918520000	WK S 0,4x2,5	G.78
9918530000	WK S 0,5x3,0	G.78
9918540000	WK S 0,6x3,5	G.78
9918550000	WK S 0,8x4,0	G.78
9918560000	WK S 1,0x5,5	G.78
9918570000	WK K PH0	G.78
9918580000	WK K PH1	G.78
9918590000	WK K PH2	G.78
9918600000	WK K PZ0	G.78
9918610000	WK K PZ1	G.78
9918620000	WK K PZ2	G.78
9918700000	TSLD	G.62



# Addresses worldwide

- AE United Arab Emirates**  
Weidmüller Middle East FZE  
P.O. Box # 8591  
SAIF-Zone  
Sharjah – VAE  
Phone +971 6 5572723  
Fax +971 6 5672724  
wme.info@weidmueller.com
- AR Argentina**  
CPI SA  
Bauness 2660  
1431 Buenos Aires  
Phone +54 11 45238008  
compras@cpi.com.ar
- AT Austria**  
Weidmüller Ges.m.b.H.  
Industriezentrum Nö Süd  
Straße 2, Objekt M2  
2355 Wiener Neudorf  
Phone +43 2236 6708-0  
Fax +43 2236 6708-199  
office.at@weidmueller.com
- AU Australia**  
Weidmüller Pty. Ltd.  
43 Huntingwood Drive  
Huntingwood,  
NSW, 2148  
P.O.Box 6944  
Blacktown  
NSW, 2148  
Phone +61 2 9671-9999  
Fax +61 2 9671-9911  
info@weidmuller.com.au  
www.weidmuller.com.au
- AZ Azerbaijan**  
West Industries Ltd.  
Caspian Plaza, 5-th Floor  
44 J. Jabbarly Str., Baku  
Phone +99412 499 15 15  
Fax +99412 499 14 93  
sales@west-1.com
- BA Bosnia-Herzegovina**  
BH ES Elektrosistem d.o.o.  
ul. J. Veselinovica 18  
78000 Banja Luka  
Phone +387 51 317500  
Fax +387 51 317500  
elsist@inecco.net  
www.elektrosistem.co.yu
- BE Belgium**  
Weidmüller Benelux B.V.  
Mechelsesteenweg 519 bus 6 en 7  
1930 Nossegem  
Phone +32 (0)2 752 40 70  
Fax +32 (0)2 751 36 06  
info@weidmueller.be
- BG Bulgaria**  
Weid-Bul EOOD  
1113 Sofia  
33 A 'Nezabravka' Str.  
bl. 315/3/10  
Phone +359 2 9632560  
weidbul@nat.bg  
www.weidbul.com
- BH Bahrain**  
Khayber Trading Company  
P.O. Box 1976 Manama,  
Phone +973 17720747  
Fax +973 17720331  
khayber@batelco.com.bh
- BR Brazil**  
Conexel Conexoes Elétricas Ltda.  
Rua Garcia Lorca, 176- V. Paulicéia,  
09695-900, Sao Bernardo do  
Campo - SP  
Phone +55 11 43669600  
Fax +55 11 43621677  
venddas@conexel.com.br  
www.conexel.com.br
- BY Belarus**  
Technikon Ltd.  
Oktyabrskaya Str. 16/5  
Apt. 704, 220030, Minsk  
Phone +375 17 2104626  
Fax +375 17 2275830  
weidmueller@technikon.by
- CA Canada**  
W Interconnections Canada Inc.  
10 Spy Court, Markham,  
Ontario L3 R5 H6  
Phone +1 905 475-1507  
Fax +1 905 475-5855  
info1@weidmuller.ca  
www.weidmuller.ca
- CH Switzerland**  
Weidmüller Schweiz AG  
Rundbuckstrasse 2  
8212 Neuhausen am Rheinfall  
Phone +41 52 6740707  
Fax +41 52 6740708  
info@weidmueller.ch  
www.weidmueller.ch
- CL Chile**  
Felipe Bahamondes S.A./ATS AGRO  
Servicios Agroindustriales  
Maria Luisa Santander 0475  
Providencia  
Casilla 3425  
Santiago  
Phone +56 2 341-1271  
Fax +56 2 341-1275  
felipe@atsintech.com
- CN China**  
Weidmüller Interface International  
Trading (Shanghai) Co., Ltd.  
12 F, Century Ba-Shi Building,  
No. 398 Huaihai Road (N)  
Shanghai 200020  
P.R. China  
Phone +86 21 63868188  
Fax +86 21 63867177  
www.cnweidmuller.com
- CO Colombia**  
Automatizacion Avanzada S. A.  
Cr 97 # 24C-23 Bodega 4 Bogotá  
Phone +57 1 5478510  
Fax +57 1 4132285  
productos@  
automatizacionavanzada.com
- CR Costa Rica**  
ELVATRON S.A.  
400 Norte  
Banco Costa Rica, la Uruca,  
San José  
Phone +506 2 961060  
Fax +506 2 960328  
dirk.haase@elvatron.com
- CS Republic of Serbia**  
ES-YU Elektrosistem  
Pariske komune 41  
11070 Novi Beograd  
Phone +381 11 697212  
Fax +381 11 693608  
esyu@eunet.yu  
www.elektrosistem.co.yu
- CZ Czech Republic**  
Weidmüller s. r. o.  
Videnska ul. 340  
25242 Vestec u Prahy  
Phone +420 2 44001400  
Fax +420 2 44001499  
office@weidmueller.cz
- DE Germany**  
Weidmüller GmbH & Co. KG  
Ohmstraße 9  
32758 Detmold  
Phone +49 5231 1428-0  
Fax +49 5231 1428-116  
weidmueller@weidmueller.de  
www.weidmueller.de
- DK Denmark**  
Knud Wexøe A/S  
Skaettekaeret 11  
P.O. Box 152  
2840 Holte  
Phone +45 45465800  
Fax +45 45465801  
wexoe@wexoe.dk
- EC Ecuador**  
Elsystec S.A.  
Vasco de Contreras N35-251  
y Mañosa  
Phone +593 2 2455698  
Fax +593 2 2245241  
info1@elsystec.com.ec  
elsystec@elsystec.com.ec
- EE Estonia**  
Alter Electric OÜ  
Gaasi 4a  
11415 Tallinn  
Phone +372 6519666  
Fax +372 6519667  
alter@alter.ee  
www.alter.ee
- EG Egypt**  
Standard Electric  
87, Mohamed Farid Street  
Heliopolis, Cairo  
Phone +20 6 42 29 77/ 6 42 29 88  
Fax +20 6 42 29 55  
stdelec@rite.com
- ES Spain**  
Weidmüller S. A.  
Narcis Monturiol 11-13  
Pol.Ind. Sudoeste  
08960 Sant Just Desvern  
Barcelona  
Phone +34 93 4803386  
Fax +34 93 3718055  
weidmuller@weidmuller.es  
www.weidmuller.es
- FI Finland**  
JUHA-ELEKTRO OY  
Kylvöpolku 6, P. O. Box 57  
00681 Helsinki  
Phone +358 10 8328 100  
Fax +358 10 8328 169
- FR France**  
Weidmüller EURL  
12, Chaussée Jules César  
B.P. 263 Osny  
95523 CERGY PONTOISE Cedex  
Phone +33 1 34245500  
Fax +33 1 34245501  
mail@weidmuller.fr  
www.weidmuller.fr
- GB United Kingdom**  
Weidmüller Ltd.  
1 Abbey Wood Road  
Kings Hill, West Malling  
Kent ME19 4YT  
Phone +44 845 094 2006  
Fax +44 1732 874295  
sales@weidmuller.co.uk  
www.weidmuller.co.uk
- GR Greece**  
Electrorama S.A.  
Phone +30 2410 552533  
Fax +30 2410 283463  
weidmuller@electrorama.com.gr
- HK Hong Kong**  
United Equity Limited  
Suite B, 11/F International Industrial  
Centre  
2-8 Kwei Tei Street, Fotan, Shatin  
Phone +852 26876739  
Fax +852 26876735  
united\_equity@sinatown.com
- HR Croatia**  
Elektro Partner d.o.o.  
Radnicka cesta 22  
10000 Zagreb  
Phone +385 1 6184793  
Fax +385 1 6184795  
elektropartner@zg.htnet.hr
- HU Hungary**  
Weidmüller Kereskedelmi Kft  
Mádi u. 50  
1104 Budapest  
P. O. Box 22  
1507 Budapest  
Phone +36 1 464-7888  
Fax +36 1 3827701  
info@weidmueller.hu
- ID Indonesia**  
PT. NEGO ELECTRINDO  
Ruko Mega Grosir Cempaka Mas,  
Blok 1 No 20 – 22  
Jl. Let. Jend. Suprato –  
JAKARTA 10640  
Phone +62 21 42882255  
Fax +62 21 42882266  
sales@negoelectrindo.co.id
- IE Ireland**  
A.P. Haslam Ltd.  
14 Sunshine Ind. Estate  
Crumlin Road  
Dublin 12  
Phone +353 1 453-2522  
Fax +353 1 453-2949  
paul.haslam@aphaslam.ie
- IL Israel**  
A.U.Shay Ltd.  
23 Imber St. Petach-Tikva  
Phone +972 3 9233601  
Fax +972 3 9234601  
shay@uriel-shay.com  
www.uriel-shay.com
- IL Israel**  
ATEKA Ltd.  
23 Hayetzira St.  
Kiryat Aryeh  
49130 Petach-Tikva, Israel  
Phone +972 3 9392344  
Fax +972 3 9243273  
marketing@ateka.co.il  
www.ateka.co.il
- IN India**  
Weidmüller  
Representative office  
Vijay Dattani  
Mobile +91 98440 97366  
vdatani@eth.net
- IR Iran**  
TAF Co.  
72, Iranshahr Av.  
Unit 5,  
15816 Teheran  
Phone +98 21 8831-7851  
Fax +98 21 8882-0268  
info@taf-co.com
- IS Iceland**  
Samey Automation Center  
Lyngas 13, 210 Garoabaer,  
Phone +354 510 5200  
Fax +354 510 5201  
samey@samey.is
- IT Italy**  
Weidmüller S.r.l.  
Via Albert Einstein 4  
20092 Cinisello Balsamo  
Milano  
Phone +39 02 660681  
Fax +39 02 6124945  
weidmuller@weidmuller.it  
www.weidmuller.it
- JO Jordan**  
Trans Jordan for Electro  
Mechanic Supplies PLC.  
P.O.Box: 330607  
Amman 11133  
Phone +962 6 533 2020  
Fax +962 6 533 5800  
transjordan@batelco.jo
- JP Japan**  
Nihon Weidmüller Co. Ltd.  
Asahi Seimei Bldg. 11F  
1-14-1 Fuchicho Fuchu-shi  
Tokyo 183-0055  
Phone +81 42 330-7891  
Fax +81 42 330-7895  
www.weidmuller.co.jp
- KR South Korea**  
Weidmüller Co., Ltd.  
6th floor, Seahwa building, 242-54  
Nonhyun-dong, Kangnam-Gu  
Seoul  
Zip: 135-830  
Phone +82 2 5160003  
Fax +82 2 5160090  
info@weidmuller.co.kr

- KW Kuwait**  
KANA CONTROLS General Trading & Cont. CO. W.L.L.  
A1 Rai Industrial Area,  
Plot 28-30, St. 31  
P.O.Box: 25593  
Safat, 13116 Kuwait  
Phone +965-474 1373/4  
Fax +965-474 1537  
info@kanacontrols.com
- KZ Kazakhstan**  
Please contact our  
Weidmüller branch office  
in Moscow, Russia
- LB Lebanon**  
PROGRESS ENGINEERING  
Beirut  
Phone +961 1 444664  
Fax +961 1 561880  
progress@inco.com.lb
- LT Lithuania**  
ELEKTROS IRANGA  
Tinklu g.29a, 5319 Panevezys,  
Phone +370 45582828  
Fax +370 45582727  
info@eliranga.lt
- LU Luxembourg**  
Weidmüller Benelux B.V.  
Phone +352 24 527145  
Fax +352 24 527147  
info@weidmuller.lu
- LV Latvia**  
PROFS Latvija SIA  
K. Ulmana gatve 140  
LV-1029 Rīga  
Phone +371 7870557  
Fax +371 7870541  
edgars.vilkins@profs.lv  
www.profs.lv
- MD Moldova**  
BERHORD A&D srl  
Ofi 414, b-dul Decebal, 3,  
Chisinau, RM  
Phone +373 22 507137  
Fax +373 22 507134  
atiuleanu@berhord.com
- MK Macedonia**  
ELEKTRO – SMK doool  
UL. III Makedonska brigada b.b.  
1000 Skopje  
Phone +389 22 460 295  
Fax +389 22 460 298  
Elektro-smk@telekabel.net.mk
- MT Malta**  
Electrical Supplies & Services Ltd  
104 J. Solberras Str.  
Hamrun HMR 08  
Phone +356 21 255 777  
Fax +356 21 255 999  
robert@ess.com.mt
- MX Mexico**  
W Interconnections, S.A. de C.V.  
Blvd. Hermanos Serdán No. 698  
Col. San Rafael Oriente  
Puebla, Pue. C.P. 72029  
Phone +52 222 2686266 to 68 ext.101  
Fax +52 222 2686219  
clientes@weidmuller.com.mx  
www.weidmuller.com.mx
- MY Malaysia**  
Connect Plus Technology Sdn Bhd  
No. 43, Jalan PJS 11/22,  
Bandar Sunway, 46150 Petaling Jaya  
Selangor Darul Ehsan  
Phone +60 3 5633 7363  
Fax +60 3-5633 6562  
paul@cptech.com.my  
www.cptech.com.my
- NL Netherlands**  
Weidmüller Benelux B.V.  
Franciscusweg 221  
1216 SE Hilversum  
Postbus 1505  
1200 BM Hilversum  
Phone +31 35 6261261  
Fax +31 35 6234569  
info@weidmuller.nl  
www.weidmuller.nl
- NO Norway**  
Siv. Ing. J. F. Knudtzen A/S  
Billingstadsletta 97  
1396 Billingstad, P.O. Box 160  
1378 Nesbru  
Phone +47 66 983350  
Fax +47 66 980955  
patorgersbraaten@jfknudtzen.no
- NZ New Zealand**  
Cuthbert S. Steward Limited  
27 Te Puni Street  
POB 38496 Petone  
Petone, Wellington  
Phone +64 4 5686156  
Fax +64 4 5686056
- OM Oman**  
DAN INTERNATIONAL LLC.  
P.O.BOX 2901  
111 Seeb  
Phone +968 503 677  
Fax +968 503 755  
yedu@danintl.com
- PE Peru**  
TECSOL S.A.C.  
Huandoy N° : 501, Lima 32  
Phone / Fax +51 1 562-0004  
info@tecsol-peru.com
- PH Philippines**  
Enclosure Systems Specialists Inc  
NW-15 La Fuerza Compound  
2241 Don Chino Roces Avenue  
Makati City 1231  
Phone +63 2 813 8580  
Fax +63 2 813 8596  
sales\_encsys@pltdsl.net
- PH Philippines**  
Enclosure Systems Specialists Inc  
G/F, GE Building  
2291 Don Chino Roces Ava Ext  
Makati City 1231  
Phone +63 2 813 8580  
Fax +63 2 813 8596  
encsys@mozcom.com
- PK Pakistan**  
Kana Controls (Pak)  
Apartment No. 33 C III  
Chenab Block,  
Allama Iqbal Town  
Lahore  
Phone +92 42 5419948  
+92 42 7845160  
Fax +92 42 5422895  
nadeem@kanapak.com  
www.kanapak.com
- PL Poland**  
Weidmüller Sp. z o.o.  
ul. Golezdzinowska 10  
03-302 Warszawa, Poland  
Phone +48 22 5100940  
Fax +48 22 5100941  
biuro@weidmuller.com.pl  
www.weidmuller.pl
- PT Portugal**  
Weidmüller - Sistemas de Interface, S. A.  
Estrada Outeiro Polima, Lote B,  
N° B2, Escritório 2 - Abóboda  
2785-518 Sao Domingos de Rana  
Lisboa  
Phone +351 21 4459190  
Fax +351 21 4455871  
weidmuller@weidmuller.pt  
www.weidmuller.pt
- QA Qatar**  
Qatar Motors (Technical Division)  
Post Box No. 145  
Al Wakrath Road  
Doha  
Phone +974 465 1441  
Fax +974 465 4579  
dmtctech@qatar.net.qa
- RO Romania**  
Rominterface Impex SRL  
Phone +40 21 3220230  
office@rominterface.ro
- RU Russia**  
Weidmüller Representative Office  
Snbolovka street 2  
119049 Moskau, Russia  
Phone +7 095 771-6940  
Fax +7 095 771-6941  
info@weidmuller.ru  
www.weidmuller.ru
- SA Saudi Arabia**  
Al Abdulkarim Holding Co.  
P.O Box. 4  
Dammam 31411  
Phone +9668337110 Ext.168  
salehsk@akh.com.sa
- SESCO P.O. Box 3298  
Al Khobar 31952  
Phone +966 3 882 9546  
Fax +966 3 882 9547  
Customer.Service@sesco-gex.com  
www.sesco-gex.com
- SE Sweden**  
Weidmüller AB  
Axel Danielssons väg 271  
P.O. box 31025  
200 49 Malmö  
Phone +46 (0) 7 71 43 00 44  
Fax +46 (0) 40 37 48 60  
www.weidmuller.se  
info@weidmuller.se
- SG Singapore**  
Weidmüller Pte Ltd  
70 Bendemeer Road  
#04-03 Luzerne  
Singapore 339940  
Phone +65 6841 5311  
Fax +65 6841 5377  
info@weidmuller.com.sg  
www.weidmuller.com.sg
- SI Slovenia**  
Elektrospoji d.o.o.  
Stegne 27, 1000 Ljubljana  
Phone +386 15113810  
Fax +386 15111604  
elektrospoji@siol.net  
www.elektrospoji.si
- SK Slovakia**  
Elektris s.r.o.  
Racianska 188  
SK 831 53 Bratislava  
Phone +421 2 4920 0111  
bratislava@elektris.sk
- TH Thailand**  
Pisanu Engineering Co., Ltd  
800/2 Asoke Dindaeng Road,  
Dindaeng, Bangkok 10400  
Phone +66 2 245 9113  
Fax +66 2 2463214  
pisanu@kanit.co.th  
www.pisanu.co.th
- TN Tunisia**  
FAZE Services  
Rue du Lac Turkana –  
Immeuble Nour El Bouhaira  
1053 Les Berges du Lac – Tunis  
Tunisia  
Phone +216 71 964-266  
Fax +216 71 964-265  
contact.fazeservices@faze.com.tn  
www.groupefaze.com
- TR Turkey**  
Weidmüller Elektronik Ticaret Ltd.Şti.  
Kavaoik Mah. Mıhrabad Cad. 143/1  
34810 Beykoz – Istanbul / Turkey  
Phone +90 216 5371070 (Pbx)  
Fax +90 216 5371077  
info@weidmuller.com.tr
- TW Taiwan**  
Fittatek Co., Ltd.  
12F No. 185 Fu-Kuo Road,  
Tso Ying Dist  
Kaohsiung  
Phone +886 7 556 0858  
Fax +886 7 556 3279  
stanley@fittatek.com.tw
- TW Taiwan**  
Eucan Enterprise Ltd.  
No. 145 He Ping 2nd Rd  
Kaohsiung  
Phone +886 7 715 6610  
Fax +886 7 715 8748  
mark@eucan.com.tw  
www.eucan.com.tw
- UA Ukraine**  
TEKO INTERFACE ooo  
ul. Lewanewskogo 6  
03058 Kiev  
Phone +38 044 401 09 90/91/92  
Fax +38 044 401 08 64  
weidmuller@tekointerface.com  
www.tekointerface.com.ua
- US USA**  
W-Interconnections, Inc.  
821 Southlake Boulevard,  
Richmond, VA 23236  
Phone +1 804 7942877  
Fax +1 804 3792593  
info@weidmuller.com  
www.weidmuller.com
- UY Uruguay**  
Revo Uruguay S.A  
Av. Bolivia 2001 esq Rocafuerte  
Phone / Fax +598 260 48522  
rewo@rewo Uruguay.com.uy  
www.rewo Uruguay.com.uy
- UZ Republic of Uzbekistan**  
OOO "Elektro Potential"  
Gani Mavjanova str., 2B  
100084 Tashkent  
Phone +998 98-3003821  
Fax +998 71-1249286  
mz1958@yandex.ru
- VE Venezuela**  
Somericca C.A.  
3era transversal de Los Dos caminos,  
Ota Corazon de Jesús, 4ta de  
Montecristo, Caracas  
Phone +58 212 2352748  
Fax +58 212 2399341  
kiocmoeller@cantv.net
- VN Vietnam**  
AUMI Co., Ltd  
E1, La Thanh Hotel,  
218 Doi Can Street,  
Lieu Giai Ward, Ba Dinh District,  
Hanoi City, S.R.  
Phone +84 4762 8601  
Fax +84 4266 1391  
aumi@aumi.com.vn
- Linh Kim Hai Co., Ltd  
78 Hoa Cuc Street Ward 7,  
Phu Bhuan District,  
Ho Chi Minh City  
Phone +84 8517 1717  
Fax +84 8517 1818  
lkh@linhkimhai.com.vn
- New Sky Co.,  
Ltd44/28 Tan Hai Street,  
Ward 13, Tan Binh District,  
Ho Chi Minh City  
Phone +84 8812 6593  
Fax +84 8812 6594  
newsky-e@hcm.vnn.vn  
www.newsky-e.com
- ZA South Africa**  
Phambili Interface (Pty) Ltd  
Phone +27 11 452 1930  
Fax +27 11 452 6455  
sales@weidmuller.co.za  
www.weimuller.co.za
- DE Other countries**  
Weidmüller Interface GmbH & Co. KG  
Postfach 3030  
32720 Detmold  
Klingenbergstraße 16  
32758 Detmold  
Phone +49 5231 14-0  
Fax +49 5231 14-20 83  
info@weidmuller.com  
www.weidmuller.com

We cannot guarantee that there are no mistakes in the publications or software provided by us to the customer for the purpose of making orders. We try our best to quickly correct errors in our printed media. For this purpose we list corrections, which have been identified after publishing printed media, on our web site at [www.weidmueller.com](http://www.weidmueller.com). For convenience we list these corrections against product catalogue number and/or page number. This Internet-database is part of our catalogue.

All orders are based on our general terms of delivery, which can be reviewed on the websites of our group companies where you place your order. On demand we can also send the general terms of delivery to you.