
CATALOG

EasyLine XLP

Fuse Switch Disconnecter 1-2-3-4 poles



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Introduction

EasyLine XLP

The EasyLine family consists of 1-, 2-, 3- and 4-pole solutions. All variants of poles are available in different fuse sizes/rated operational currents from 100A up to 630A: NH00/160A, NH1/250A, NH2/400A and NH3/630A



Safety and protection

- The EasyLine fuse switch disconnectors fulfil the highest requirements for modern fuse switch with a total safety concept. The fuse switches are tested according to the EN 60947-3 standard with more stringent requirements for isolation, making, performance and safety
- The EasyLine range of fuse switch disconnectors ensures high protection and reliable operation in a wide variety of applications, such as critical power applications, distribution boards, switch boards or capacitor banks
- The whole EasyLine range got a sturdy, uniform design that is operator friendly. The degree of protection from the front is IP30 in closed position and IP20 in open position.
- Quick-make operation device
- Voltage measuring from the front



Easy to install

- A wide range of cable terminals and snap-on accessories make the installation easy and fast
- All the XLP cable terminals can be delivered with integrated bolts for cable lugs or with integrated bridge clamps (BC) for easy direct cable connection
- Compact, add-on Electronic Fuse Monitoring (EFM)
- Replacement compatible to similar types in the market



Affordable Range

- Fuse switch-disconnectors combined with fuse links can withstand high fault level and fault currents. In addition devices are available at economical prices.



XLP 1-, 2-, 3- and 4-pole solutions



Introduction

Applications

- UPS for the power supply of computers/servers, storage devices, communication network systems, industry control systems and other
 - suggested size: 1-, 2-, and 3-pole
- Telecommunication power supplies
 - suggested size: 1- and 2-pole
- Metering or lighting module applications
 - suggested size: 1-, 2-, and 3-pole
- Capacitor banks
 - suggested size: 3-pole
- Switchboards
 - suggested size: XLP 3-Pole and XLPD0 devices
- General fuse protection for power supply networks with switching neutral
 - suggested size: 4-pole XLP
- Secondary power generators from public networks
 - suggested size: 4-pole XLP

UPS for the power supply of computers/servers



Telecommunication power supplies



Metering or lighting module applications



Introduction

Applications

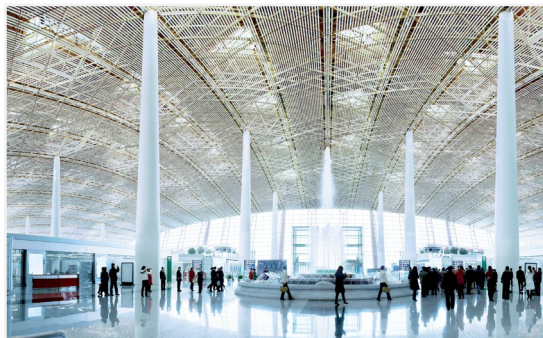
Switchboards



Capacitor banks



General fuse protection for power supply networks with switching neutral



Secondary power generators from public networks



Introduction

Product overview



	XLP 1-pole	XLP 2-pole	XLP000 Compact design for NH00C DIN-fuses (width = 21 mm)	XLP00, XLP1, XLP2 and XLP3	XLP 4-pole
Rated operational voltage	220VDC / 500 - 690VAC	220 - 440VDC / 500 - 690VAC	400 - 690VAC	400 - 800VAC	550VAC
Rated operational current	160 - 630A	160 - 630A	50 - 100A	125 - 630A	160 - 630A
Available accessories					
Micro auxiliary switches	● (1 or 2 pcs per pole)	● (1 or 2 pcs per pole)	● (1 or 2 pcs)	● (1 or 2 pcs)	● (1 or 2 pcs)
Auxiliary switches, 1 NO or 1 NC acc. to IEC 60947-5-1				●	
Cable shroud	● (Single cable shroud per phase)	● (Single cable shroud per phase)	● Integrated (IP20)	●	●
Cable clamps	●	●	● Integrated (for 1,5 - 35 mm ² cables)	●	●
Front frames	●	●	● (for 1 – 3 devices)	●	●
Padlocking	●	●		●	●
Sealing facility	●	●	●	●	●
Snap-on for DIN rail mounting			●	●	
Electronic fuse monitoring (EFM)				●	
Busbar adapter for 40 mm				● (only XLP00)	
Busbar adapter for 60 mm				● (only XLP00 and XLP1)	

DIN-type HRC-fuse links, gG- and aM- types can be used with EasyLine XLP00,XLP1, XLP2 and XLP3.

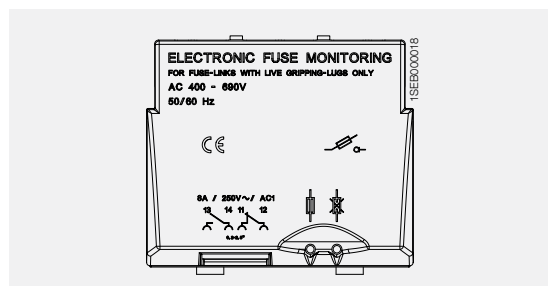
For more information refer to the catalog Fusegear, code 1SCC317001C0201.



Electronic Fuse Monitoring

3-pole

The Electronic Fuse Monitoring (EFM) is a fuse blown indication device. The EFM unit has an integrated potential free relay (1NO, 1NC) for remote signal/alarm. It will be automatically reset after the blown fuse has been replaced and the green LED turns on again.



The matrix below show all possible cases of indication

Fuse status			Relay contacts			
1. Closed	Green	Red	NO contact 13, 14		NO contact 11, 12	
			Open	Closed	Open	Closed
Fuse OK	★	●	X			X
Fuses BLOWN	●	★		X	X	
2. Open						
Fuse OK	●	●	X			X
Fuses BLOWN	●	●	X			X

Power supply to the EFM unit from phase L2 and L3

The fuse monitor is connected to the gripping lugs of the fuses.

NOTE :

- NH fuses with insulated gripping lugs can not be used.
- The EFM unit requires that the supply side of the XLP should be on top of the switch.

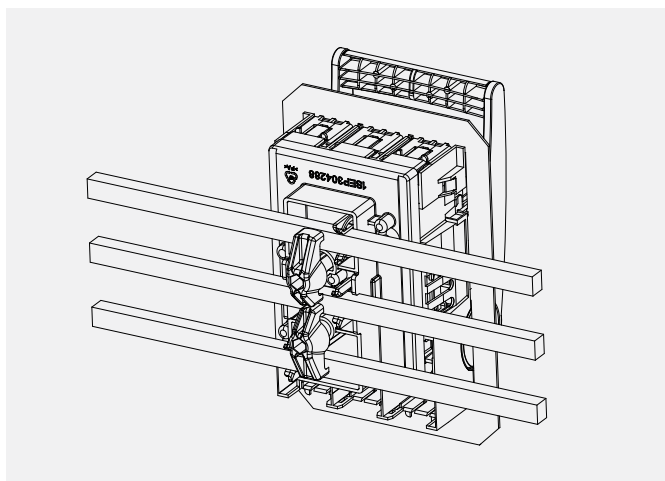


Technical data

Min. operation voltage	280V -10%
Max. operation voltage	880V +10%
Operation temp. range	-25/+80C
Operation time	< 2 sec.
Power consumption	< 3VA
Uimp. over a blown fuse	12,3kV
Uimp. between phases	9,8kV
Uimp. between main circuit / relay contacts	9,8kV
Dielectric test voltage input/output	3,5kV / 50Hz / 1 minute
Electrostatic Discharge	EN 61000-4-2 +- 4kV
Electrical Fast Transient	EN 61000-4-4 +- 4kV
Conducted Fast Transient	EN 61000-4-6 10Vrms/150kHz-80MHz
Recommended cable size	AWG 22-12/0,2-2,5 mm²
EMC tested	Yes
Relay:	
Nominal current	8A
Max. switching voltage	240VAC, 24VDC

40 mm Busbar System

XLP00 and XLP1



40 mm busbar system for XLP00

- Cu 12 x 5 mm or 12 x 10 mm
- Adapter 95 mm depth to busbars, cable connection below: A 40/95

40 mm Busbar system for XLP00 and XLP1 ABB Striebel & John switchboards

- Specially designed for ABB Striebel & John Busbar system 250A and 360A
- Cu 12x5 or 12x10 mm
- XLP00, adapter 75 mm depth to busbars, cable connection below: A 40/75
- XLP00, adapter 120 mm depth to busbars, cable connection below: A 40/120
- XLP1, adapter 120 mm depth to busbars, cable connection above: A 40/120





60 mm Busbar System

XLP00, XLP1, XLP2 , XLP3 and XLPD0

60 mm busbar system

Dimensions of the busbar	
XLP00, XLP1, XLP2 and XLP3	5 or 10 mm (thickness) x 10-30 mm (width)
XLPD0_	5 or 10 mm (thickness) x 12-30 mm (width)

XLP

XLP00 and XLP1 adapters include 3 pieces of distance shoes for 5 mm busbars. The XLP adapters are available for cable connection above (A) or cable connection below (B):

- XLP00, adapters for 60 mm depth to busbars
- XLP1, adapters for 85 mm depth to busbars
- XLP2 and XLP3 adapters for 120 mm depth to busbars

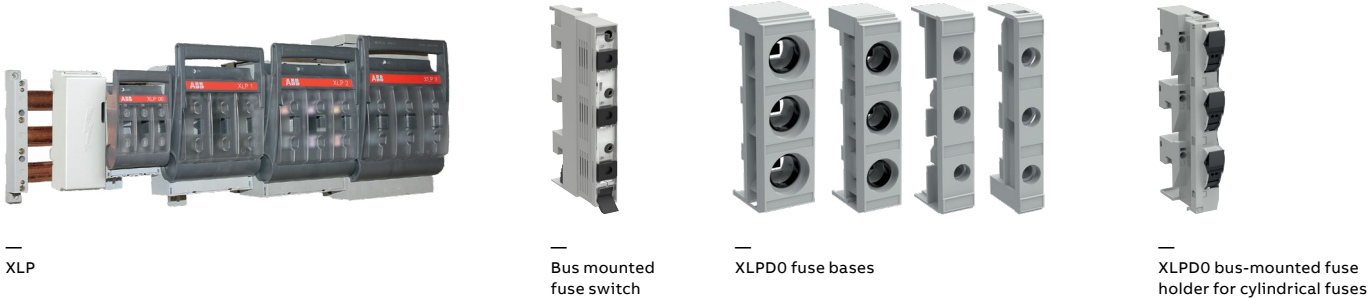
XLPD0

XLPD0 devices are fast and easy to install to the busbar without tools.

XLPD0 Bus-mounted fuse switch can be padlocked in OFF position (O) and sealed in ON position (1). The devices have to be equipped with D0 gauge rings. Together with reducer also suitable for fuse links D01. The use of 9 mm side module is recommended for continuous load more than 35A. Use of D02 fuse links with silver plated caps is recommended.

XLPD0 Fuse bases have comprehensive shock protection including a strip cover. Fuse bases are available for neozed (D02) and diozed (DII, DIII) fuses. D02 bus-mounting fuse bases are also suitable for D01 bus-mounting fuse bases thanks to special holding springs and special ferrule gauge pieces. From a permanent load of 35A, the 36 mm-wide version is recommended due to the heat produced.

XLPD0 bus-mounted fuse holder for cylindrical fuses 10x38. Fuse holder is UL recognized.



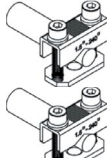
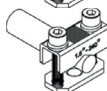
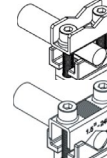
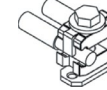
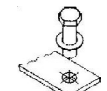
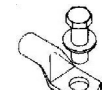
Cable clamps & bolts

Accessories

	Type of clamp/bolt	Busbars height/weight (mm²)	Conductor (Cu/Al) cross section min-max				Order code
			Conductor flexible (mm²)	Rm/Sm (mm²)	Re/Se (mm²)	Torque (Nm) ¹⁾	
XLP000							
	Cage clamp (6pcs x CC)		1,5 -25	1,5 - 35	1,5 - 35	3,2	Incl. in the switch
XLP00							
	Bridge clamp (3pcs x BC)		1,5 - 35	1,5 - 50	1,5 - 50	3,5	1SEP407733R0001
	Triple clamp (3pcs x TC)		1,0 - 10	1,0 - 10	1,0 - 10	3,5	1SEP407787R0001
	Single prism clamp (3pcs x SPC)		1,5 - 16	1,5 - 16	1,5 - 16		1SEP407732R0001
			25 - 50	25 - 70	25 - 70	3,5	
	Feeding clamp (3pcs x FC) for XLP00 - 6BC		25 - 70	25 - 95	25 - 95	10	1SEP407811R0001
	Bolt 3pcs x M8x16 DIN933	20 x 4					
	Bolt 3pcs x M8x16 DIN933 for Cable lug DIN46234		10 - 95	10 - 95	10 - 95		NHP 400940R0006
	Bolt 3pcs x M8x16 DIN933 for Cable lug DIN46235		16 - 70	16 - 70	16 - 70	10	
XLP1							
	Bridge clamp (3pcs x BC)	19 x 10	16 - 70	16 - 95	16 - 95	10	1SEP407733R0002
	Single prism clamp (3pcs x SPC)		16 - 70	16 - 95	16 - 95		1SEP407732R0002
			95 - 150	95 - 150 ²⁾	95 - 150	10	
	Doube prism clamp (3pcs x DPC)		2x70 - 2x95	2x70 - 2x150	2x70 - 2x150	10	NHP 403631R0002
	Bolt 3pcs x M10x20 DIN933	40 x 10					
	Bolt 3pcs x M10x20 DIN933 for Cable lug DIN46234		10 - 240	10 - 240	10 - 240		NHP 403625R0001
	Bolt 3pcs x M10x20 DIN933 for Cable lug DIN46235		16 - 240	16 - 240	16 - 240	16	

Cable clamps & bolts

Accessories

Type of clamp/bolt	Busbars height/weight (mm ²)	Conductor (Cu/Al) cross section min-max				Torque (Nm) ¹⁾	Order code
		Conductor flexible (mm ²)	Rm/Sm (mm ²)	Re/Se (mm ²)			
	XLP2 and 3	16-70 (M8x25)	16-50 (M8x25)	16-50 (M8x25)			
		300 (M8x40)	185-300 (M8x40)	185-300 (M8x40)			
	Bridge clamp (3pcs x BC)	14 x 26	70 - 240	50 - 185	50 - 185	14	1SEP407953R0001
	Single prism clamp (3pcs x SPC)		95 - 240	70 - 240	95 - 240		1SEP407954R0001
			25 - 95	35 - 70	50 - 70	14	
	Double Prism clamp (3pcs x DPC)		2x35 - 2x120	2x35 - 2x150	2x35 - 2x50 2x50 - 2x185	22	1SEP407956R0001
	Bolt 3pcs x M12x30 DIN933	50 x 12					NHP 403626R0001
	Bolt 3pcs x M12x30 DIN933 for Cable lug DIN46234		10 - 240	10 - 240	10 - 240		
	Bolt 3pcs x M12x30 DIN933 for Cable lug DIN46235		16 - 300	16 - 300	16 - 300	25	

¹⁾ For correct Torque (Nm) values, study the installation description delivered with the devices

²⁾ The Sm (sector shaped stranded) 150 mm² have to be round formed before inserted in the Prism clamp

Type tested according to standard: EN IEC 60947-1 and DIN VDE 0295.

Explanations:

- Flexible: Multi stranded
- Re: Round solid
- Se: Sector shaped solid
- Rm: Round stranded
- Sm: Sector shaped stranded

Ordering information

XLP 3-pole baseplate mounting

Rated operational current [A]	Fuse size	Number of poles	Type	Description	Order code	Weight (kg)
XLP000						
100A	NH000/NH00C	3	XLP000-6CC	incl. 6 Cage Clamps	1SEP201428R0001	0,4
100A	NH000/NH00C	3	XLP000-6CC in carton	incl. 6 Cage Clamps in carton	1SEP201428R0002	0,5
XLP00						
160A	NH000/NH00	3	XLP00	without clamps or bolts	1SEP101890R0001	0,49
160A	NH000/NH00	3	XLP00-6BC	incl. 6 Bridge Clamps	1SEP101890R0002	0,57
160A	NH000/NH00	3	XLP00-6M8	incl. 6 x M8x16 mm bolts	1SEP101890R0004	0,63
160A	NH000/NH00	3	XLP00-6BC-3M8	incl. 6 Bridge Clamps and 3 x M8x16 mm bolts	1SEP101890R8002	0,65
160A	NH000/NH00	3	XLP00-EFM-6BC	incl. Electronic Fuse Monitoring and 6 Bridge Clamps	1SEP101890R0012	0,63
XLP1						
250A	NH1	3	XLP1	without clamps or bolts	1SEP101891R0001	1,6
250A	NH1	3	XLP1-6BC	incl. 6 Bridge Clamps	1SEP101891R0002	1,83
250A	NH1	3	XLP1-6M10	incl. 6 x M10 bolts	1SEP101891R0004	1,78
250A	NH1	3	XLP1-EFM-6BC	incl. Electronic Fuse Monitoring and 6 Bridge Clamps	1SEP101891R0012	1,97
XLP2						
400A	NH2	3	XLP2	without clamps or bolts	1SEP101892R0001	2,30
400A	NH2	3	XLP2-6BC	incl. 6 Bridge Clamps	1SEP101892R0002	3
400A	NH2	3	XLP2-EFM-6BC	incl. Electronic Fuse Monitoring and 6 Bridge Clamps	1SEP101892R0012	3,15
XLP3						
630A	NH3	3	XLP3	without clamps or bolts	1SEP101975R0001	4,04
630A	NH3	3	XLP3-6BC	incl. 6 Bridge Clamps	1SEP101975R0002	4,75
630A	NH3	3	XLP3-EFM-6BC	incl. Electronic Fuse Monitoring and 6 Bridge Clamps	1SEP101975R0012	4,86



XLP000



XLP00



XLP1



XLP2



XLP3

Ordering information

XLP 1-, 2- and 4-pole baseplate mounting

Rated operational current [A]	Fuse size	Number of poles	Type	Description	Order code	Weight (kg)
1-pole						
160A	NH000/NH00	1	XLP00-1P	without clamps or bolts	1SEP600113R0001	0,24
160A	NH000/NH00	1	XLP00-1P-2BC	incl. 2 Bridge Clamps	1SEP600113R0002	0,28
160A	NH000/NH00	1	XLP00-1P-2M8	incl. 2 x M8 bolts	1SEP600113R0003	0,26
250A	NH1	1	XLP1-1P	without clamps or bolts	1SEP600116R0001	0,7
250A	NH1	1	XLP1-1P-2BC	incl. 2 x Bridge Clamps	1SEP600116R0002	0,82
250A	NH1	1	XLP1-1P-M10	incl. M10 bolts	1SEP600116R0003	0,76
400A	NH2	1	XLP2-1P	without clamps or bolts	1SEP600122R0001	1,06
400A	NH2	1	XLP2-1P-2BC	incl. 2 x Bridge Clamps	1SEP600122R0002	1,25
630A	NH3	1	XLP3-1P	without clamps or bolts	1SEP600126R0001	1,87
630A	NH3	1	XLP3-1P-2BC	incl. 2 x Bridge Clamps	1SEP600126R0002	2,2
2-pole						
160A	NH000/NH00	2	XLP00-2P	without clamps or bolts	1SEP600114R0001	0,53
160A	NH000/NH00	2	XLP00-2P-4BC	incl. 4 x Bridge Clamps	1SEP600114R0002	0,61
160A	NH000/NH00	2	XLP00-2P-4M8	incl. 4 x M8 bolts	1SEP600114R0003	0,57
250A	NH1	2	XLP1-2P	without clamps or bolts	1SEP600117R0001	1,63
250A	NH1	2	XLP1-2P-4BC	incl. 4 x Bridge Clamps	1SEP600117R0002	1,87
250A	NH1	2	XLP1-2P-4M10	incl. 4 x M10 x 20 bolts	1SEP600117R0003	1,75
400A	NH2	2	XLP2-2P	without clamps or bolts	1SEP600123R0001	2,32
400A	NH2	2	XLP2-2P-4BC	incl. 4 x Bridge Clamps	1SEP600123R0002	2,7
630A	NH3	2	XLP3-2P	without clamps or bolts	1SEP600127R0001	3,95
630A	NH3	2	XLP3-2P-4BC	incl. 4 x Bridge Clamps	1SEP600127R0002	4,5
4-pole						
160A	NH000/NH00	4	XLP00-4P	without clamps or bolts	1SEP600115R0001	0,83
160A	NH000/NH00	4	XLP00-4P-8BC	incl. 8 x Bridge Clamps	1SEP600115R0002	0,99
160A	NH000/NH00	4	XLP00-4P-8M8	incl. 8 x M8 bolts	1SEP600115R0003	0,91
250A	NH1	4	XLP1-4P	without clamps or bolts	1SEP600119R0001	2,5
250A	NH1	4	XLP1-4P-8BC	incl. 8 x Bridge Clamps	1SEP600119R0002	2,98
250A	NH1	4	XLP1-4P-8M10	incl. 8 x M10 x 20 bolts	1SEP600119R0003	2,74
400A	NH2	4	XLP2-4P	without clamps or bolts	1SEP600124R0001	3,87
400A	NH2	4	XLP2-4P-8BC	incl. 8 x Bridge Clamps	1SEP600124R0002	4,5
630A	NH3	4	XLP3-4P	without clamps or bolts	1SEP600128R0001	6,47
630A	NH3	4	XLP3-4P-8BC	incl. 8 x Bridge Clamps	1SEP600128R0002	7,5



1-pole



2-pole



4-pole

Ordering information

Busbar system

40 mm and 50 mm Busbar System

Rated operational current [A]	Fuse size	Number of poles	Type	Description	Order code	Weight (kg)
XLP00						
160A	NH000/ NH00	3	XLP00-A40/95-B-3BC-below	incl. A40/95 adapter and 3 Bridge Clamps, cable below	1SEP101889R0002	1,1
160A	NH000/ NH00	3	XLP00-A40/75-B-3BC-below	incl. A40/75 adapter and 3 Bridge Clamps, cable below	1SEP101898R0002	1
160A	NH000/ NH00	3	XLP00-A40/75-B-3M8-below	incl. A40/75 adapter and 3 x M8 bolts, cable below	1SEP101898R0004	1
160A	NH000/ NH00	3	XLP00-A40/120-B-3BC-below	incl. A40/120 adapter and 3 Bridge Clamps, cable below	1SEP101899R0002	1,2
160A	NH000/ NH00	3	XLP00-A40/120-B-3M8-below	incl. A40/120 adapter and 3 x M8x16 mm bolts, cable below	1SEP101899R0004	1,2
160A	NH000/ NH00	3	XLP00-MNS adapter-3BC	incl. MNS adapter and 3 Bridge Clamps	1SEP101890R0402	0,88
160A	NH000/ NH00	3	XLP00-MNS adapter-EFM-3BC	incl. MNS adapter, EFM and 3 Bridge Clamps	1SEP101890R0412	1,1
XLP1						
250A	NH1	3	XLP1-A40/120-A-3BC-above	incl. A40/120 adapter and 3 Bridge Clamps, cable above	1SEP101912R0002	2,8
250A	NH1	3	XLP1-A40/120-A-3M10-above	incl. A40/120 adapter and 3xM10x20 mm bolts, cable above	1SEP101912R0004	2,75



XLP00-A40



XLP00-MNS adapter



XLP1-A40/120-A

Ordering information

Busbar system

60 mm Busbar System

Rated operational current [A]	Fuse size	Number of poles	Type	Description	Order code	Weight (kg)
XLP00						
160A	NH000/ NH00	3	XLP00-A60/60-B-3BC-below	incl. A60/60 adapter and 3 Bridge Clamps, cable below	1SEP101916R0001	0,95
160A	NH000/ NH00	3	XLP00-A60/60-B-below	incl. A60/60 adapter and cable below, without clamps or bolts	1SEP101916R0002	0,95
160A	NH000/ NH00	3	XLP00-A60/60-A-3BC-above	incl. A60/60 adapter and 3 Bridge Clamps, cable above	1SEP101917R0001	0,95
XLP1						
250A	NH1	3	XLP1-A60/85-B-3BC-below	incl. A60/85 adapter and 3 Bridge Clamps, cable below	1SEP101918R0001	2,47
250A	NH1	3	XLP1-A60/85-A-3BC-above	incl. A60/85 adapter and 3 Bridge Clamps, cable above	1SEP101919R0001	2,47
XLP2						
400A	NH2	3	XLP2-A60/120-A-above	incl. A60/120 adapter, cable above without clamps or bolts	1SEP102285R0001	4,9
400A	NH2	3	XLP2-A60/120-B-below	incl. A60/120 adapter, cable below without clamps or bolts	1SEP102286R0001	4,9
XLP3						
630A	NH3	3	XLP3-A60/120-A-above	incl. A60/120 adapter, cable above without clamps or bolts	1SEP102287R0001	7,4
630A	NH3	3	XLP3-A60/120-B-below	incl. A60/120 adapter, cable below without clamps or bolts	1SEP102288R0001	7,4



XLP00-A60/60



XLP1-A60/85



XLP2-A60/120



XLP3-A60/120-A-above



XLP3-A60/120-B-below

Ordering information

Busbar system

60 mm Busbar System

Rated operational current [A]	Fuse size	Number of poles	Type	Description	Order code	Weight (kg)	Quantity (pcs/package)
XLPD0							
63A	D01, D02	3	XLPD0-FS-E18-3P ¹⁾	Bus-mounted switch disconnecter fuse, E18	1SEP622349R0001	0,3	1/1
63A	D02	3	XLPD0-FB-E18/27-3P	Bus-mounted fuse base, E18, 27 mm	1SEP622350R0001	0,1	8/1
63A	D02	3	XLPD0-FB-E18/36-3P	Bus-mounted fuse base, E18, 36 mm	1SEP622351R0001	0,2	6/1
25A	DII	3	XLPD0-FB-E27/42-3P	Bus-mounted fuse base, E27, 42 mm	1SEP622352R0001	0,3	8/1
63A	DIII	3	XLPD0-FB-E33/57-3P	Bus-mounted fuse base, E33, 57 mm	1SEP622345R0001	0,4	6/1
32A	10x38	3	XLPD0-FS-1038-3P	Bus-mounted fuse holder for cylindrical fuses 10x38	1SEP622346R0001	0,2	4/1
-	-	-	SM-XLPD0-FS	Side module 9 mm	1SEP622389R0001	0,1	5/1

¹⁾ The use of SM-XLPD0-FS side module 9 mm is recommended for continuous loads above 35A.



XLPD0-FS-E18-3P



XLPD0-FS-E18/27-3P



XLPD0-FB-E18/36-3P



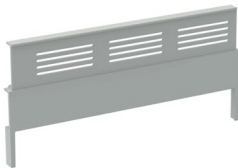
XLPD0-FB-E27/42-3P



XLPD0-FB-E33/57-3P



XLPD0-FS-1038-3P



SM-XLPD0-FS

Ordering information

Accessories

Common accessories for XLP

Image n.	Type	Order code	Weight (kg)
01	Micro auxiliary switch (not for XLP000)	1SEP407742R0001	0,01
02	Auxiliary switch NC (Red)	1SEP407742R0002	0,02
	Auxiliary switch NO (Green)	1SEP407742R0003	0,02
03	Padlock device	1SEP407786R0001	0,005

Accessories XLP000 - 3-pole

Image n.	Type	Order code	Weight (kg)
	XLP000 Micro auxiliary switch	1SEP408738R0001	0,01
04	XLP000 DIN rail snap on kit - Qty. 1 pc	1SEP407740R0001	0,006
04	XLP000 DIN rail snap on kit - Qty. 10 pc	1SEP407740R0010	0,6
05	XLP000 Frontframe for 1 XLP000	1SEP407741R0001	0,02
05	XLP000 Frontframe for 2 XLP000	1SEP407741R0002	0,025
05	XLP000 Frontframe for 3 XLP000	1SEP407741R0003	0,03



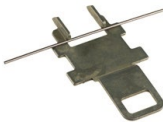
01



02



03



04



05

Ordering information

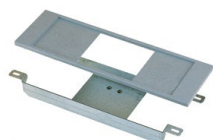
Accessories

Accessories XLP00 - 3-pole

Image n.	Type	Order code	Weight (kg)
	XLP00 A60/60 Adapter above, for 60 mm busbar distance, 5 or 10 mm, cable above	1SEP101910R0001	0,38
	XLP00 A60/60 Adapter below, for 60 mm busbar distance, 5 or 10 mm, cable below	1SEP101915R0001	0,38
	XLP00 A40/75 Adapter above/below, for 40 mm busbarsystem Striebel & John, cable above or below	1SEP101909R0001	
	XLP00 A40/120 Adapter above/below, for 40 mm busbarsystem Striebel & John, cable above or below	1SEP101909R0002	
	XLP00 Front cover with EFM (Electronic Fuse Monitoring)	1SEP101873R0007	0,09
06	XLP00 Front fixing bracket with front frame	1SEP201534R0001	
07	XLP00 Frontframe for 1 XLP00	1SEP407792R0001	0,02
	XLP00 Frontframe for 2 XLP00	1SEP407792R0002	0,03
	XLP00 Frontframe for 3 XLP00	1SEP407792R0003	0,04
08	XLP00 Cable shroud	1SEP407793R0001	0,03
	XLP00 Snap for double DIN rail	1SEP407897R0001	0,24

Accessories XLP1 - 3-pole

Image n.	Type	Order code	Weight (kg)
	XLP1 A60/85 Adapter above, 60 mm busbar distance, 5 or 10 mm cable, above	1SEP201451R0001	0,74
	XLP1 A60/85 Adapter below, 60 mm busbar distance, 5 or 10 mm cable, below	1SEP201456R0001	0,74
	XLP1 Front cover with EFM (Electronic Fuse Monitoring)	1SEP101883R0007	0,37
09	XLP1 Frontframe for 1 XLP1	1SEP407815R0001	0,04
10	XLP1 Frontframe for 2 XLP1	1SEP407815R0002	0,06
11	XLP1 Cable shroud	1SEP407793R0002	0,1



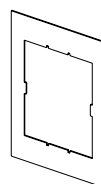
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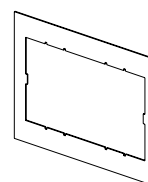
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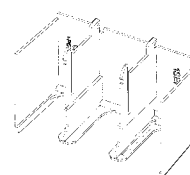
08



09



10



11

Ordering information

Accessories

Accessories XLP2/3 - 3-pole

Image n.	Type	Order code	Weight (kg)
09	XLP2 Frontframe for 1 XLP2	1SEP407951R0001	0,04
10	XLP2 Frontframe for 2 XLP2	1SEP407951R0002	0,06
	XLP2 Front cover with EFM (Electronic Fuse Monitoring)	1SEP101982R0007	0,25
	XLP3 Frontframe for 1 XLP3	1SEP407955R0001	0,055
	XLP3 Front cover with EFM (Electronic Fuse Monitoring)	1SEP101984R0007	0,35
11	XLP2/3 Cable shroud	1SEP407952R0001	0,18

Accessories XLP 1-, 2- and 4-pole

Type	Order code	Weight (kg)
XLP00-1P Cable Shroud For 1- and 2-Pole and N at the 4-Pole	1SEP618708R0001	0,02
XLP1-1P Cable Shroud For 1- and 2-Pole and N at the 4-Pole	1SEP618709R0001	0,07
XLP2/3-1P Cable Shroud For 1- and 2-Pole and N at the 4-Pole	1SEP618710R0001	0,13
XLP00 1P Front Frame f/1 Device	1SEP407792R0011	0,01
XLP00 1P Front Fr. f/2 1P, f/1 2P Device	1SEP407792R0012	0,02
XLP00 4P Front Frame f/1 Device	1SEP407792R0041	0,02
XLP1 1P Front Frame f/1 Device	1SEP407815R0011	0,03
XLP1 1P Front Fr. f/2 1P, f/1 2P Device	1SEP407815R0012	0,04
XLP1 4P Front Frame f/1 Device	1SEP407815R0041	0,05
XLP1 4P Front Frame f/2 Device	1SEP407815R0042	0,07
XLP2 1P Front Frame f/1 Device	1SEP407951R0011	0,28
XLP2 1P Front Fr. f/2 1P, f/1 2P Device	1SEP407951R0012	0,32
XLP2 4P Front Frame f/1 Device	1SEP407951R0041	0,48
XLP3 1P Front Frame f/1 Device	1SEP407955R0011	0,04
XLP3 2P Front Frame f/1 Device	1SEP407955R0021	0,05
XLP3 4P Front Frame f/1 Device	1SEP407955R0041	0,07

Accessories for busbar system

Image n.	Description	Order code	Weight 1 piece (kg)	Quantity (pcs/package)
12	Busbar support 3-pole, for busbar 5-10 x 10-30 mm	GHV 240849R0001	0,17	1/1
16	Cable connection supply module, for busbar 5-10 x 10-30 mm or cable 35 - 120 mm ²	GHV 240849R0034	0,62	1/1



12



16

Ordering information

Accessories for XLPD0

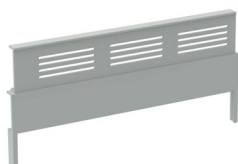
Image n.	Description	Order code	Weight 1 piece (kg)	Quantity (pcs/package)
17	9 mm side module for XLPD0-FS-E18-3P	1SEP622389R0001	0,1	1/5
18	D02 reducer for D01 fuses 2-16A	2CDE000011R1901 ¹⁾	0,001	1/20
19	Spring clip for use of D01 fuses in D02 screw caps	GMN 977 130 P0004 ¹⁾	0,001	1/50

¹⁾ For more information refer to the catalog Solutions for electrical installation in buildings, Chapter 5, code 2CHC000001C0202

D0 fuse links to DIN VDE 0636-3, IEC/EN 60269-3 ¹⁾

Rated current [A]	Colour code	Power loss (W)	Type	Order code	Weight 1 piece (kg)	Quantity (pcs/package)
Suitable for D01/E14						
2	pink	1,5	D01 x 2 gG	GNM 977 120 P0011	0,006	10
4	brown	1,5	D01 x 4 gG	GNM 977 120 P0012	0,006	10
6	green	1,5	D01 x 6 gG	GNM 977 120 P0013	0,006	10
10	red	1,8	D01 x 10 gG	GNM 977 120 P0014	0,006	10
16	grey	2,1	D01 x 16 gG	GNM 977 120 P0015	0,006	10
Suitable for D02/E18						
20	blue	2.3	D02 x 20 gG	GNM 977 120 P0017	0,011	10
25	yellow	2.6	D02 x 25 gG	GNM 977 120 P0018	0,012	10
35	black	2.9	D02 x 35 gG	GNM 977 120 P0019	0,013	10
50	white	3.5	D02 x 50 gG	GNM 977 120 P0020	0,014	10
63	copper	4.2	D02 x 63 gG	GNM 977 120 P0021	0,015	10

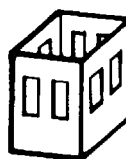
¹⁾ For more information refer to the catalog Solutions for electrical installation in buildings, Chapter 5, code 2CHC000001C0202



17



18



19



Fuse links

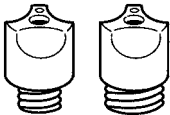
Ordering information

Accessories for XLPD0

D0 fuse links to DIN VDE 0636-3, IEC/EN 60269-3 ¹⁾

Rated current [A]	Colour code	Power loss (W)	Type	Order code	Weight 1 piece (kg)	Quantity (pcs/package)
D0 screw caps acc. to DIN VDE 0636-3, IEC/EN 60269-3, 400 V AC Plastic version, RAL 7037						
16	for D01	-	D01 DIN 49 525 K	GMN 977 130 P0011	0,015	20
63	for D02	-	D02 DIN 49 525 K	GMN 977 130 P0012	0,015	20
D0 connector sleeves to DIN VDE 0636-3, IEC/EN 60269-3 Suitable for D01/E14						
2	pink	-	D01 x 2	GMN 977 125 P0001	0,001	50
4	brown	-	D01 x 4	GMN 977 125 P0002	0,001	50
6	green	-	D01 x 6	GMN 977 125 P0003	0,001	50

¹⁾ For more information refer to the catalog Solutions for electrical installation in buildings, Chapter 5, code 2CHC000001C0202



D0 screw caps



Connector sleeves

Technical data

XLP 1-pole

		XLP00			XLP1			XLP2			XLP3		
For NH fuse links acc. to IEC60269-2-1		NH000/NH00			NH1			NH2			NH3		
Rated operational voltage U _e AC	(V)	-	500	690	-	500	690	-	500	690	-	500	690
Rated operational voltage U _e DC	(V)	220	-	-	220	-	-	220	-	-	220	-	-
Rated operational current I _e	(A)	160	160	125	250	250	200	400	400	315	630	630	500
Thermal current with fuse-link I _{th}	(A)	160	160	160	250	250	250	400	400	-	630	630	-
Utilization category		DC22B	AC22B	AC21B	DC22B	AC22B	AC21B	DC22B	AC22B	AC21B	DC22B	AC22B	AC21B
Rated insulation voltage U _i	(V)	1000			1000			1000			1000		
Rated impulse withstand voltage U _{imp}	(kV)	8			8			8			8		
Rated conditional short circuit current	(kArms)	50			50			50			50		
Rated frequency	(Hz)	50 - 60			50 - 60			50 - 60			50 - 60		
Power loss (I _{th}) without fuselink, per phase	(W)	3,5			7,5			13			24		
Electrical durability		200			200			200			200		
Mechanical durability		1400			1400			800			800		
Degree of protection from the front according to IEC60529	Open	IP20			IP20			IP20			IP20		
	Closed	IP30			IP30			IP30			IP30		

XLP 2-pole

		XLP00			XLP1			XLP2			XLP3		
For NH fuse links acc. to IEC60269-2-1		NH000/NH00			NH1			NH2			NH3		
Rated operational voltage U _e AC	(V)	-	500	690	-	500	690	-	500	690	-	500	690
Rated operational voltage U _e DC	(V)	220	-	-	440	-	-	440	-	-	440	-	-
Rated operational current I _e	(A)	160	160	125	250	250	200	400	400	315	630	630	500
Thermal current with fuse-link I _{th}	(A)	160	160	160	250	250	250	400	400	-	630	630	-
Utilization category		DC22B	AC22B	AC21B	DC22B	AC22B	AC21B	DC22B	AC22B	AC21B	DC22B	AC22B	AC21B
Rated insulation voltage U _i	(V)	1000			1000			1000			1000		
Rated impulse withstand voltage U _{imp}	(kV)	8			8			8			8		
Rated conditional short circuit current	(kArms)	50			50			50			50		
Rated frequency	(Hz)	50 - 60			50 - 60			50 - 60			50 - 60		
Power loss (I _{th}) without fuselink, per phase	(W)	3,5			7,5			13			24		
Electrical durability		200			200			200			200		
Mechanical durability		1400			1400			800			800		
Degree of protection from the front according to IEC60529	Open	IP20			IP20			IP20			IP20		
	Closed	IP30			IP30			IP30			IP30		



Technical data

XLP 3-pole

	XLP000			XLP00					XLP1				XLP2			XLP3	
For NH fuse links acc. to IEC60269-1/-2/-4	NH000/NH00C max width = 21 mm			NH000/NH00					NH1				NH2			NH3	
Rated operational voltage U_e AC (V)	400	500	690	400	500	690	800	1000	500	690	800	800	500	690	800	500	690
Rated operational current I_e AC (A)	80	100	50	125	160	125	63	125	250	200	160	250	400	315	400	630	500
Thermal current with fuse link I_{th} (A)	100			160					250	200	160	250	400			630	
Utilization category	AC23B	AC22B	AC21B	AC23B	AC22B	AC21B	AC22B	AC22B	AC22B	AC21B	AC22B	AC22B	AC22B	AC21B	AC22B	AC22B	AC21B
Rated insulation voltage U_i (V)	690			1000					1000				1000			1000	
Rated impulse withstand voltage U_{imp} (kV)	6			8					8				8			8	
Rated conditional short circuit current (kArms)	50	100	80	50	100	80	50	120**	100	80	50	120*	100	80	120*	100	80
Rated frequency (Hz)	50 - 60			50 - 60					50 - 60				50 - 60			50 - 60	
Power loss at I_{th} without fuse link/per phase (W)	1,4			3,5					7,5				13			24	
Max allowed poweloss in the Fuse per phase (W)	7,5			12					23				30			48	
Electrical durability	300			200					200				200			200	
Mechanical durability	1700			1400					1400				800			800	
Degree of protection from the front acc. to IEC60529	Open		IP20		IP20 ¹⁾				IP20 ¹⁾				IP20 ¹⁾			IP20 ¹⁾	
	Closed		IP30		IP30 ¹⁾				IP30 ¹⁾				IP30 ¹⁾			IP30 ¹⁾	

Type tested according to EN/IEC 60947-3
* Tested with gS fuse
** Tested with aR fuse
¹⁾ For 60 mm Busbar System types IP20/30 can only be achieved with either Cable shroud or Front frame

XLP 4-pole

	XLP00		XLP1		XLP2		XLP3	
For NH fuse links acc. to IEC60269-2-1	NH000/NH00		NH1		NH2		NH3	
Rated operational voltage U_e AC (V)	500		500		500		500	
Rated operational current I_e (A)	160		250		400		630	
Thermal current with fuse-link I_{th} (A)	160		250		400		630	
Utilization category	AC22B		AC22B		AC22B		AC22B	
Rated insulation voltage U_i (V)	1000		1000		1000		1000	
Rated impulse withstand voltage U_{imp} (kV)	8		8		8		8	
Rated conditional short circuit current (kArms)	50		50		50		50	
Rated frequency (Hz)	50 - 60		50 - 60		50 - 60		50 - 60	
Power loss (I_{th}) without fuselink, per phase (W)	3,5		7,5		13		24	
Electrical durability	200		200		200		200	
Mechanical durability	1400		1400		800		800	
Degree of protection from the front acc. to IEC60529	Open		IP20		IP20		IP20	
	Closed		IP30		IP30		IP30	

Technical data

XLPD0 3-pole

Fuse links Fuse size	XLPD0-FS-E18-3P D01 ¹⁾ , D02	XLPD0-FB-E18/27-3P D02	XLPD0-FB-E18/36-3P D02	XLPD0-FB-E27/42-3P DII	XLPD0-FB-E33/57-3P DIII	XLPD0-FS-1038-3P ²⁾ NFC 10x38	
Rated operational voltage Ue AC (V)	400	400	400	500	500	500	690
Rated operational voltage Ue DC (V)		250	250	500	500		
Rated operational current Ie AC (A)	63	63	63	25	63	32	
Utilization category	AC22B					AC21B	
Rated insulation voltage Ui (V)	500					800	
Rated impulse withstand voltage Uimp (kV)	6	6	6	6	6	6	
Rated conditional short circuit current (kArms)	50	50 (AC) / 8 (DC)	50 (AC) / 8 (DC)	50 (AC) / 8 (DC)	50 (AC) / 8 (DC)	100	
Rated frequency (Hz)	50	50	50	50	50	50	
Power loss (Ith) without fuselink (W)	7	5,9	5,9	1,2	10	1	
Max allowed poweloss in the Fuse per phase (W)	5,5	5,5	5,5	4	7	3	

¹⁾ Together with D02 reducer part 2CDE000011R190 also suitable for fuse links D01

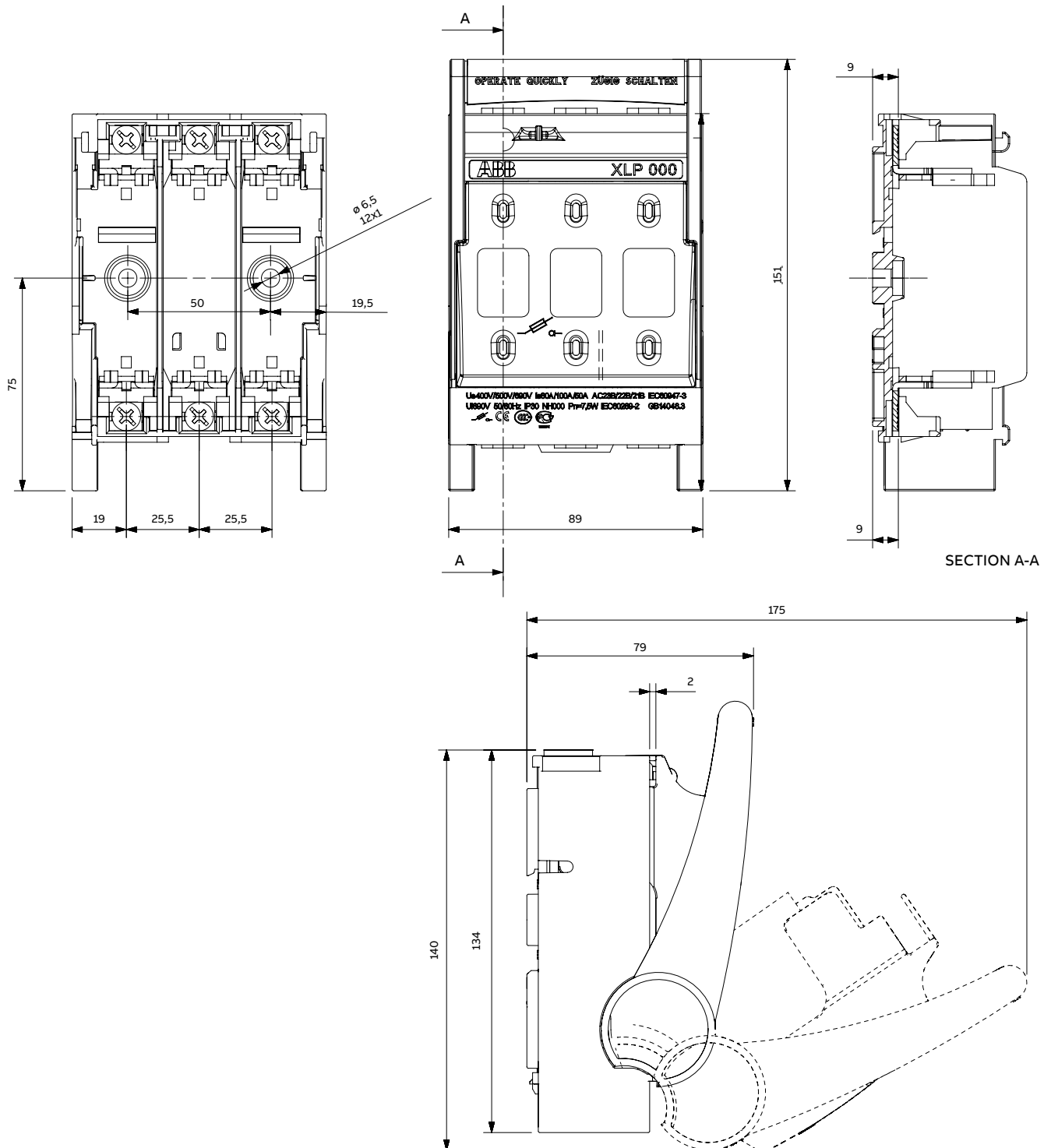
²⁾ UL -ratings Operational current 30A and Operational voltage 600V (AC/DC) at 50kA



Dimensional drawings

XLP000

XLP000



XLP00 and XLP1

Technical drawing of the XLP1 126 EFM cable management system, showing top and side views with dimensions.

Top View Dimensions:

- Overall width: 254
- Overall height: 230
- Section 1 (Left): XLP1 3P 184, width 183, height 25. Internal width 114, height 35.
- Section 2 (Middle): XLP1 2P 140, width 140, height 11. Internal width 16, height 50.
- Section 3 (Right): XLP1 1P 70, width 70, height 98. Internal width 16, height 50.
- Bottom dimensions: 57, 57, 70, 70.

Side View Dimensions:

- Overall width: 116
- Overall height: 265
- Top section: 66, 2, 22.
- Bottom section: 47, 22, 126 (XLP1 EFM).

Labels:

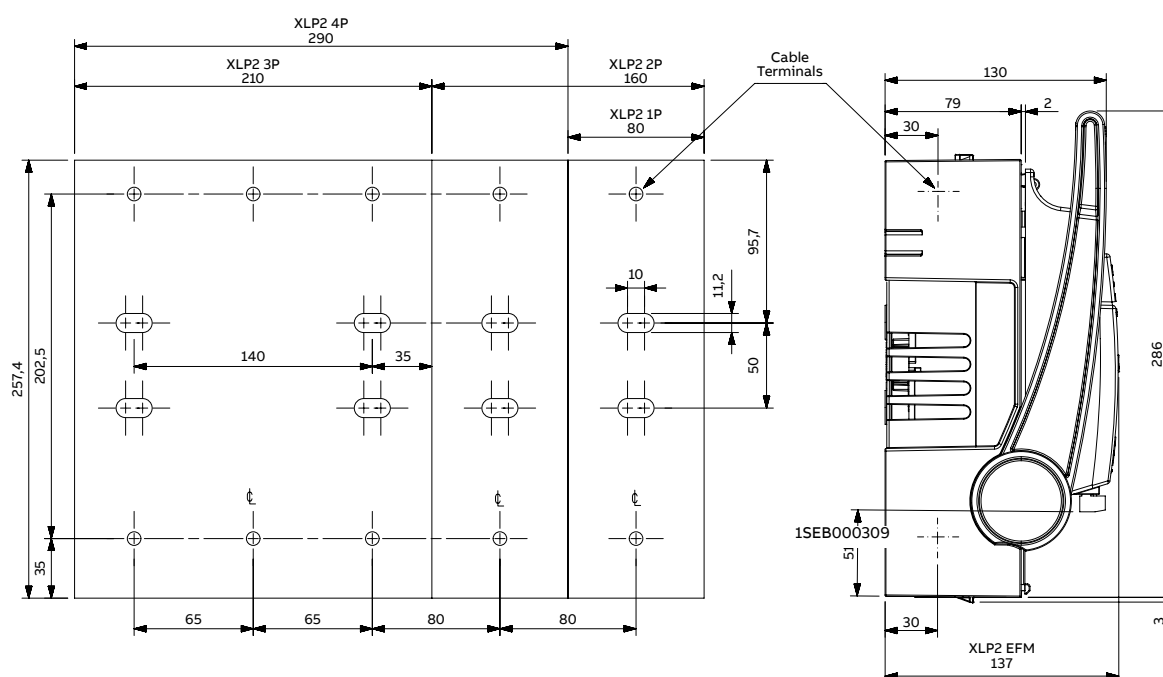
- Cable Terminals
- XLP1 4P 254
- XLP1 3P 184
- XLP1 2P 140
- XLP1 1P 70
- XLP1 EFM 126

15EB000308

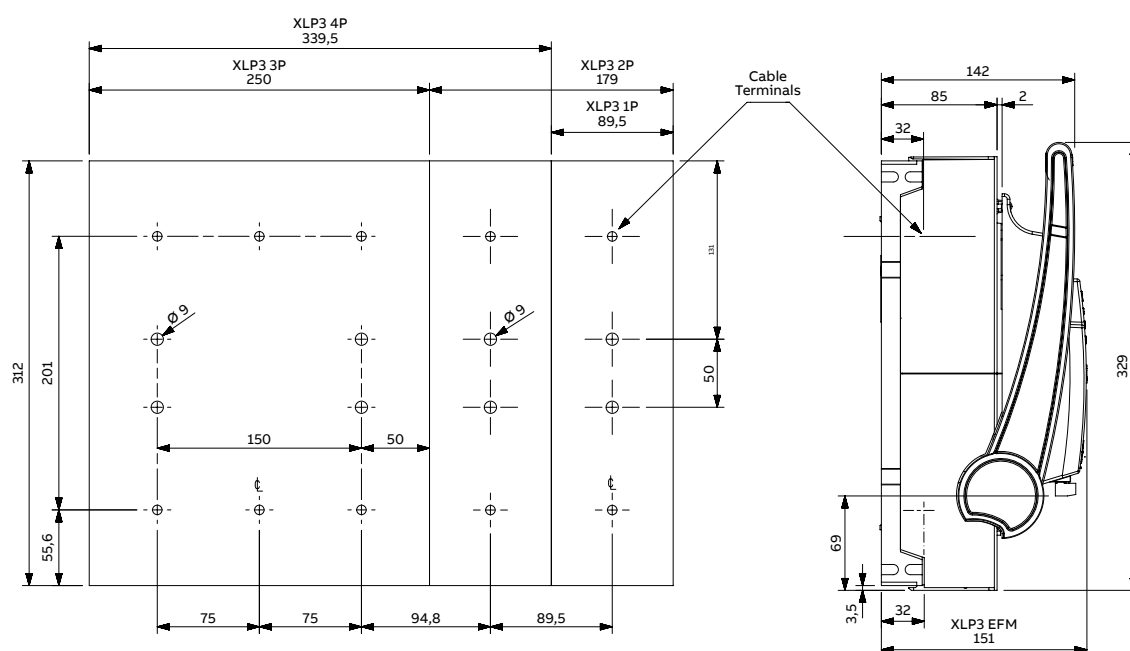
Dimensional drawings

XLP2 and XLP3

XLP2



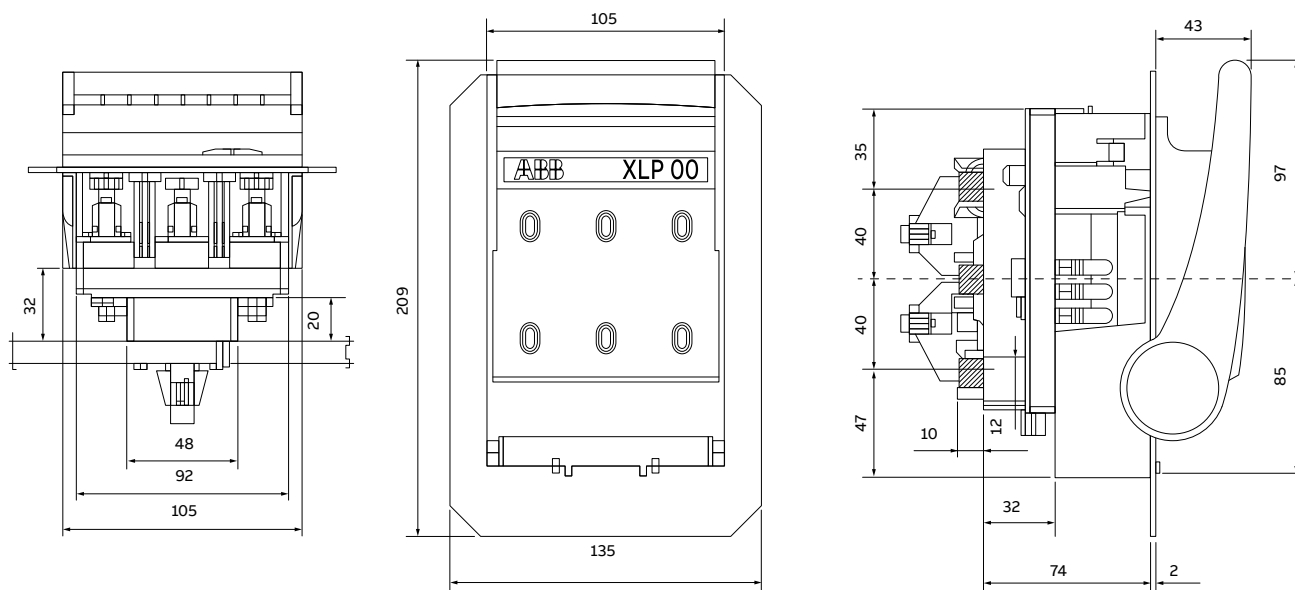
XLP3



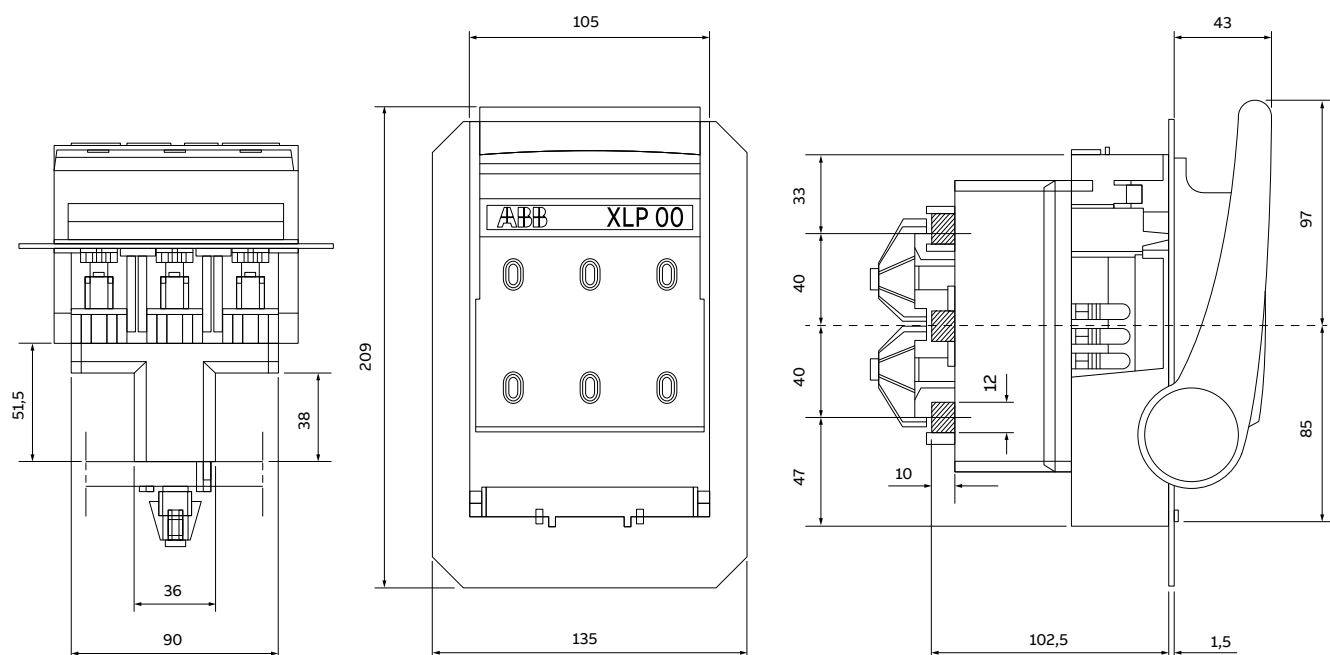
Dimensional drawings

Busbar adapters XLP00

XLP00 – A40/75



XLP00 – A40/95



XLP00 – A40/120



Technical drawings of the ABB XLP 00 circuit breaker, showing front, top, and side views with dimensions.

Front View Dimensions:

- Total height: 126
- Height to top of main body: (103)
- Height of main body: 59
- Height of base: 44

Top View Dimensions:

- Total width: 135
- Width of main body: 105
- Height to top of main body: 209
- Height of main body: 202

Side View Dimensions:

- Height to top of main body: 74
- Height of main body: 60
- Height of base: 60
- Height of mounting rail: 33
- Height of base: 23
- Width of main body: 10-30
- Width of base: 5-10
- Width of mounting rail: 9
- Width of base: 16

Labels:

- OPERATE QUICKLY ZÜNDEN SCHALTEN
- ABB XLP 00

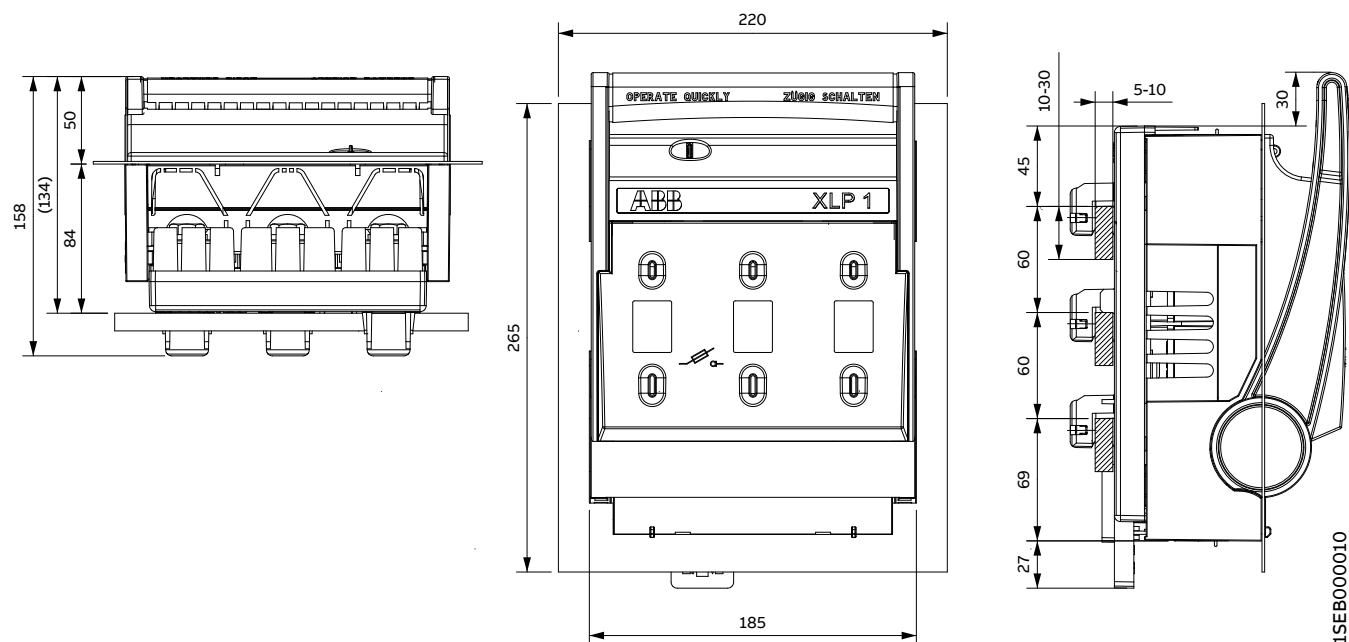
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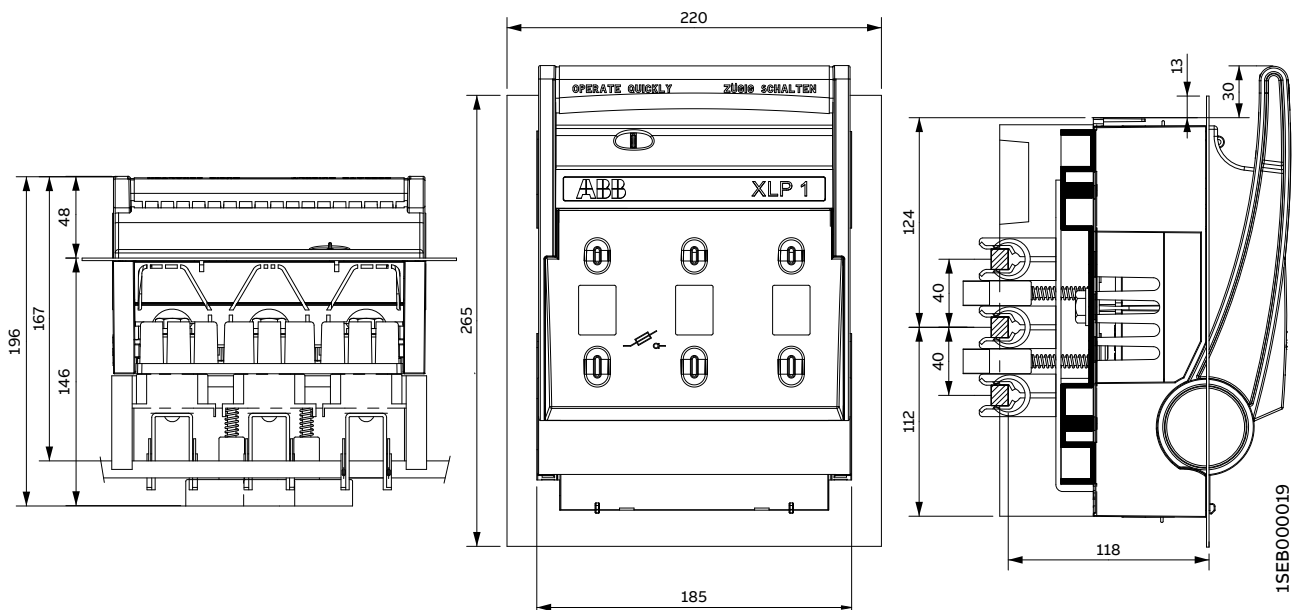
Dimensional drawings

Busbar adapters XLP1

XLP1-A60/85



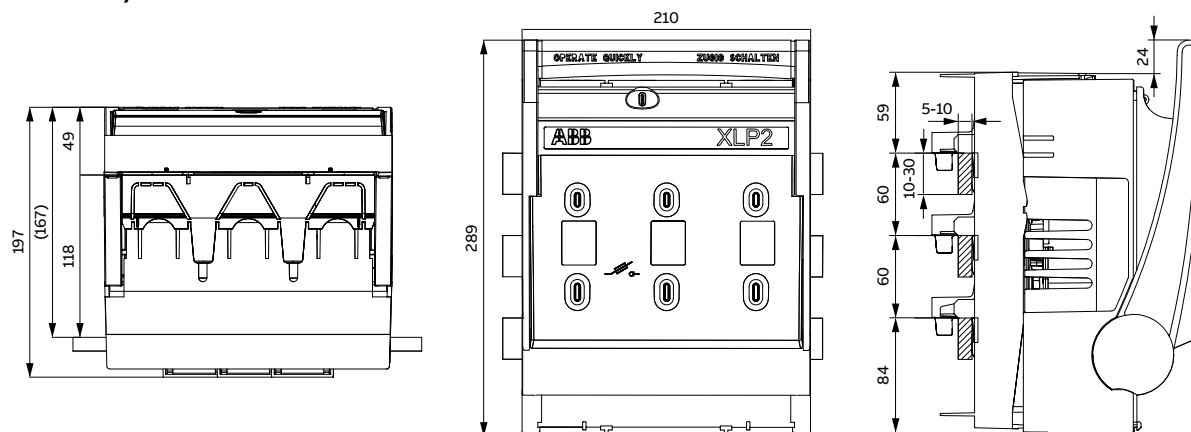
XLP1-A40/120



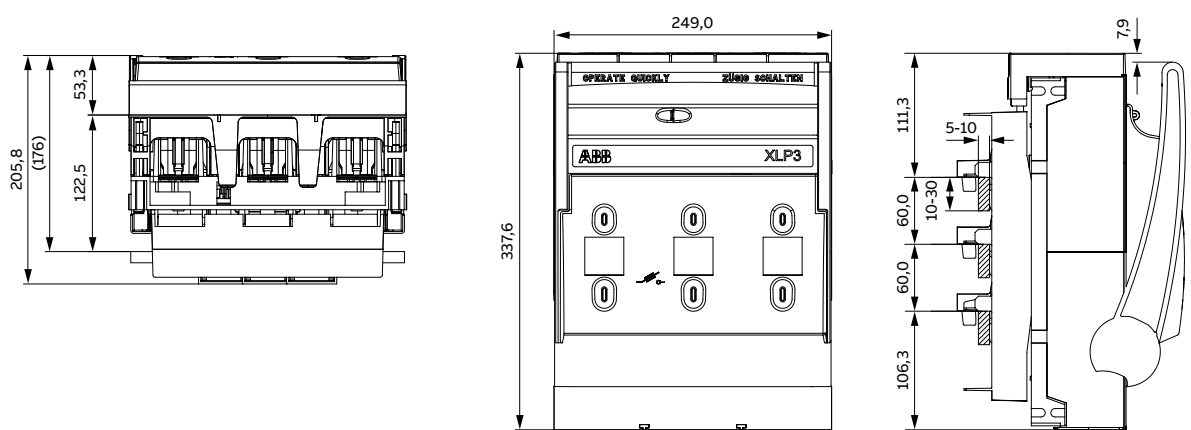
Dimensional drawings

Busbar adapters XLP2 and XLP3

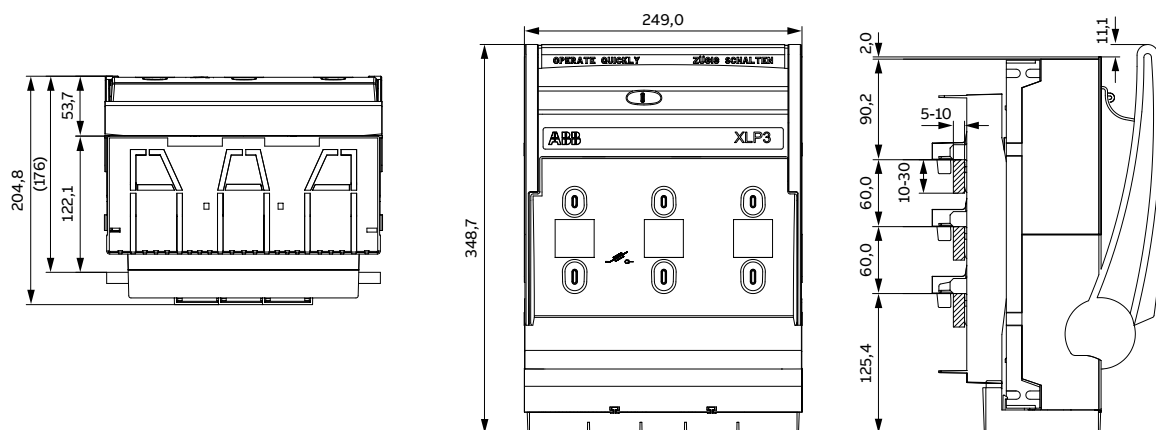
XLP2 – A60/120



XLP3 – A60/120



XLP3 A60/120 Below

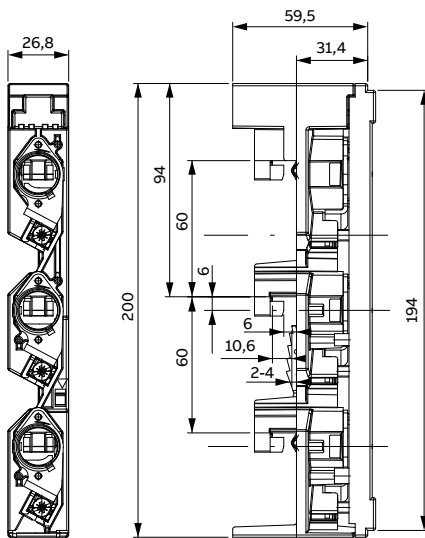


XLP3 A60/120 Above

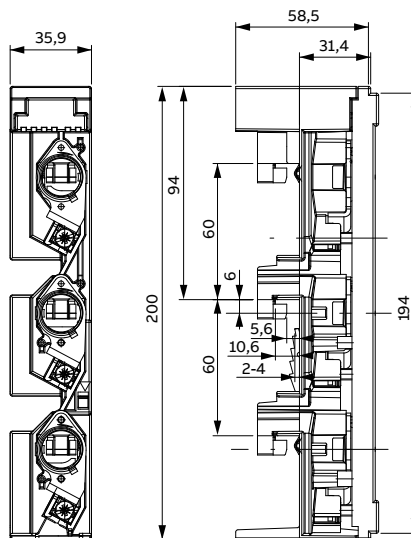
Dimensional drawings

XLPD0

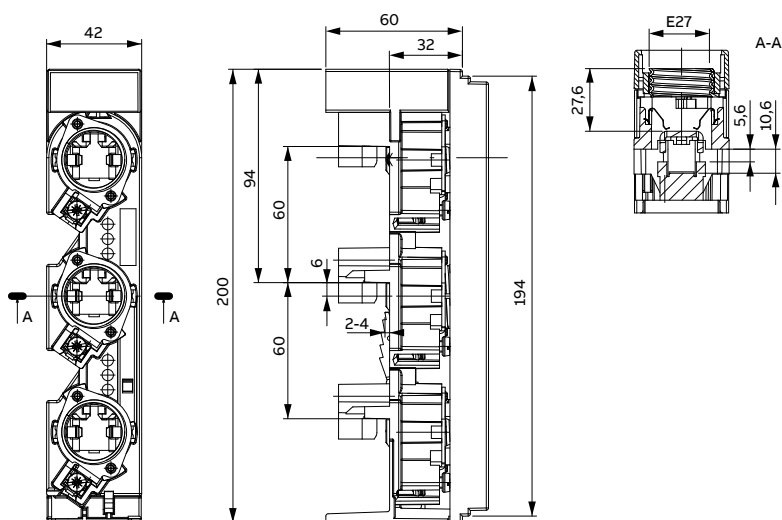
XLPD0-FB-E18/27-3P



XLPD0-FB-E18/36-3P



XLPD0-FB-E27/42-3P



Dimensional drawings

XLPD0

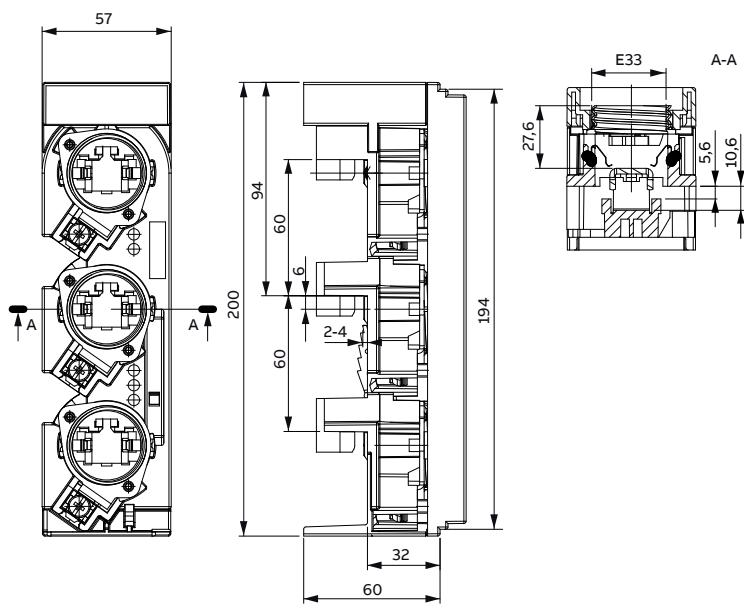
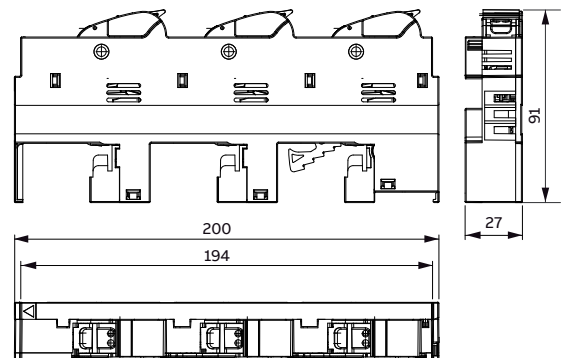
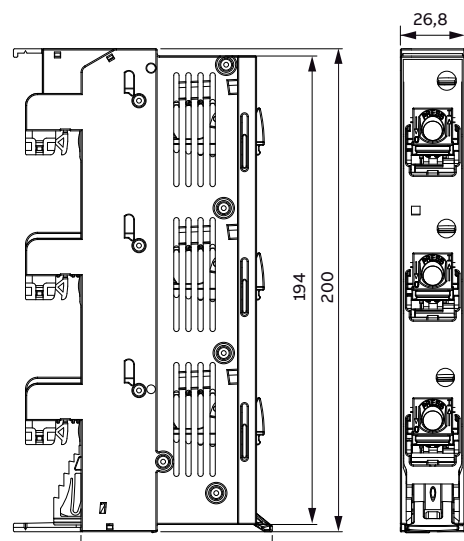
XLPD0-FB-E33/57-3P**XLPD0-FS-1038-3P****XLPD0-FS-E18-3P**

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