

—
INSTALLATION INSTRUCTION

Switch Disconnectors

OT315-500

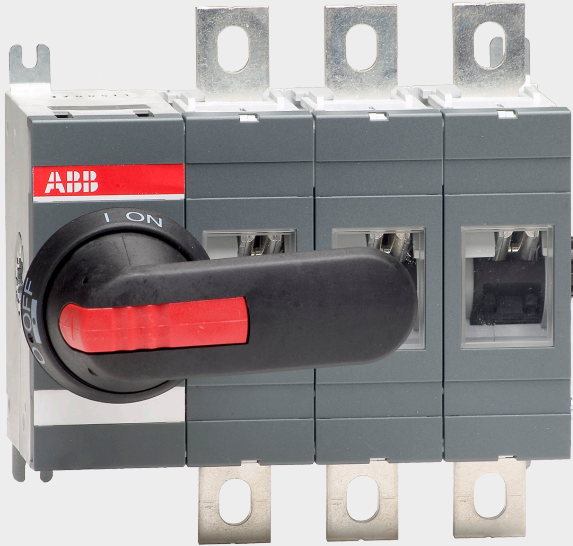
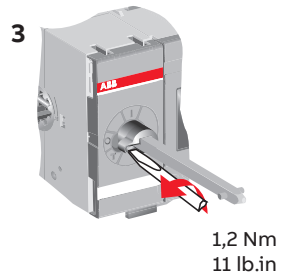
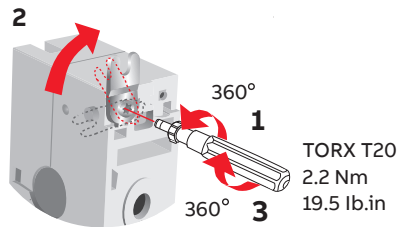
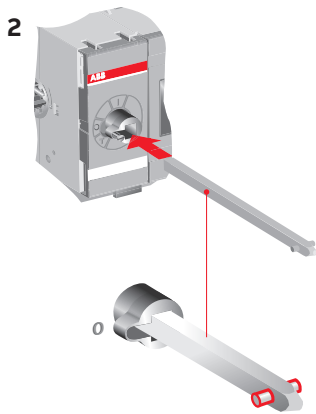
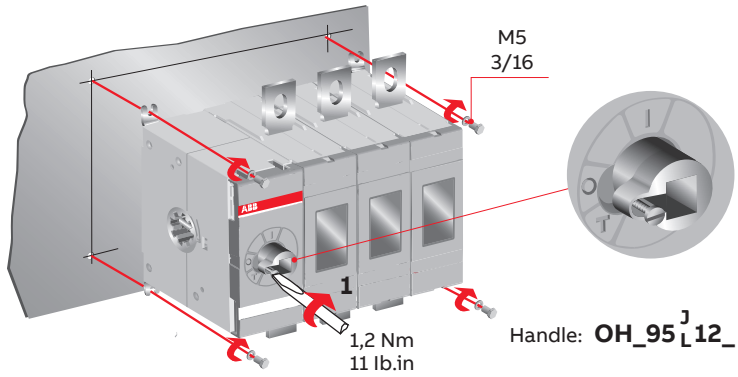


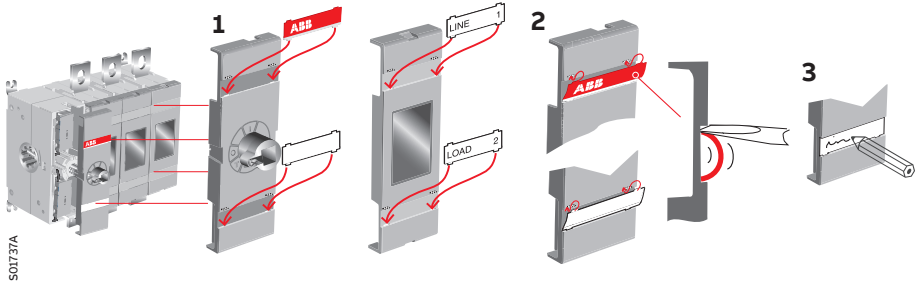
Table of contents

03	Installation
04	Labels Terminal clamps OZX_
05	Terminal shrouds OTS_ Clearances per UL98
06	Auxiliary contacts OA_
07	Module for auxiliary contacts OEA_
08	Fourth pole OTZ400U (UL) and OTZ400E (IEC)
09	Direct mount handle OTV
10	Interlocking OTZT2_
11–14	Dimension drawings
15	Warning table

Installation



Labels



Terminal clamps

OZX_

OT400U

OZXA-400_

OZXA-406_

OT315 - 500

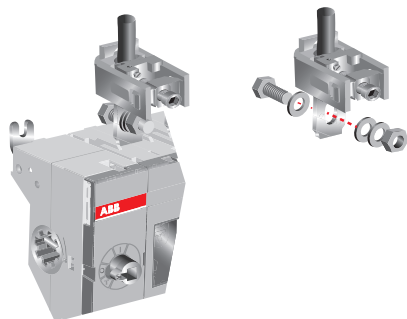
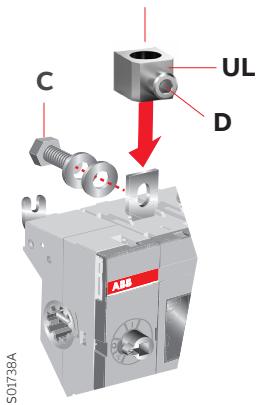
OZXB2L

OZXB3

OZXB4

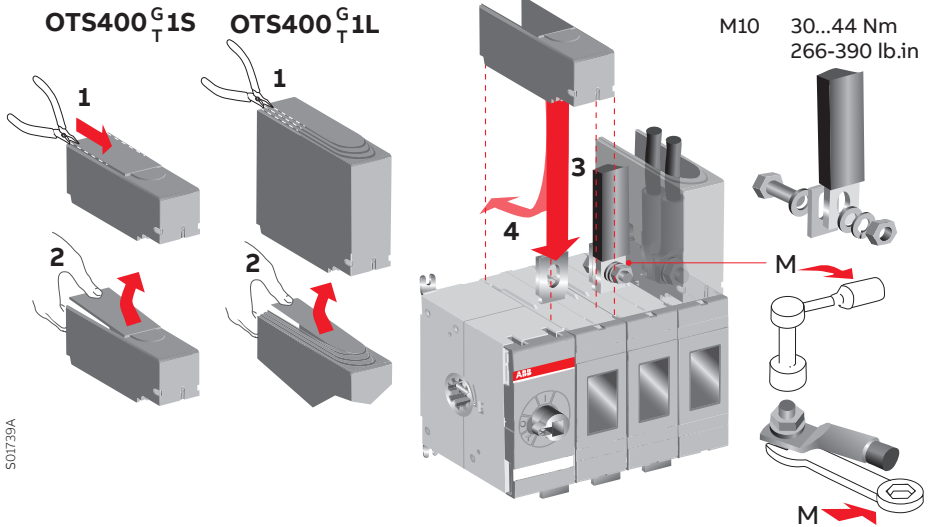
OZXB7L

OZXB8

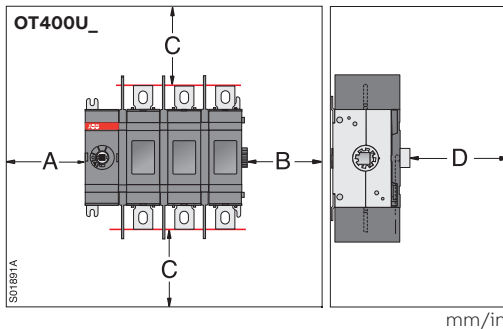


Terminal shrouds

OTS_



Clearances per UL98



Minimum enclosure size or equivalent volume

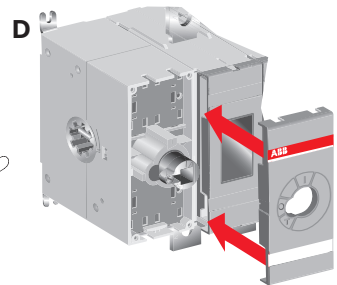
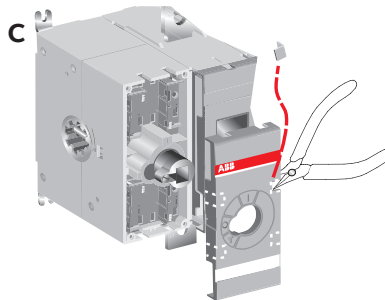
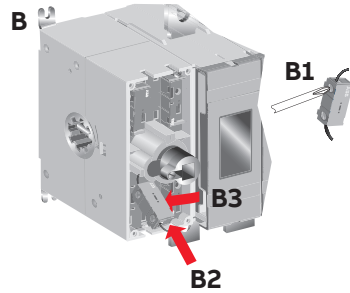
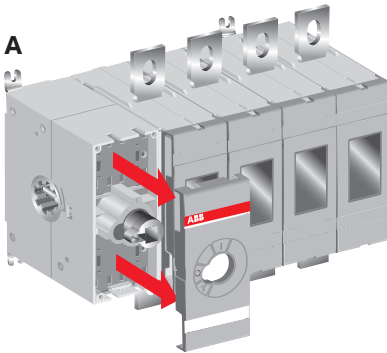
Switch	Height	Width	Depth
OT400U_	600 / 23.6	350 / 13.8	200 / 7.9

A	B	D
0	13 mm / 0.5 in	13 mm / 0.5 in

AWG	C	MCM	C
2	100 mm 4 in	250	200 mm 8 in
1	100 mm 4 in	300	250 mm 10 in
1/0	125 mm 5 in	350	300 mm 12 in
2/0	150 mm 6 in		
3/0-4/0	175 mm 7 in		

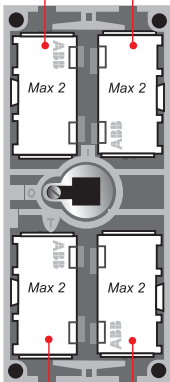
Auxiliary contacts

OA_

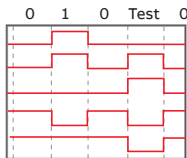


NO: OA1G10
 NC: OA3G01

Test contact

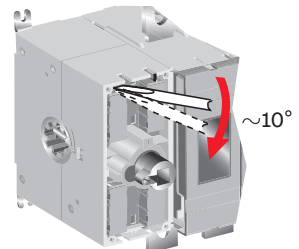


Test indication contact



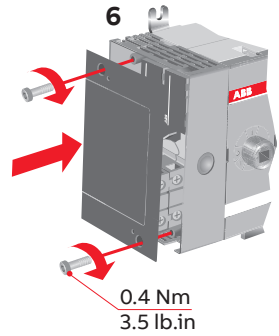
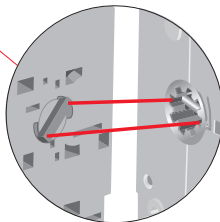
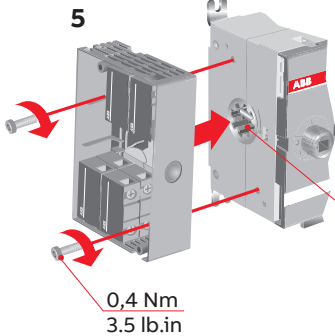
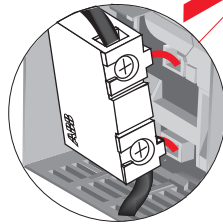
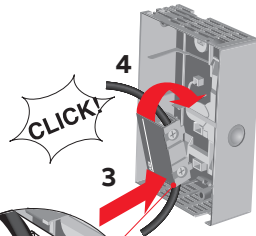
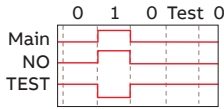
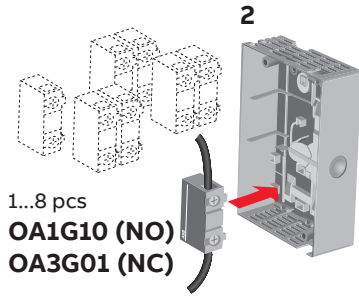
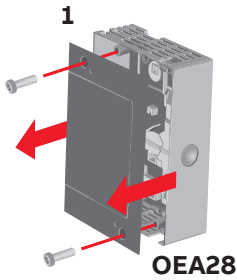
Main contact
 Test contact (NO)
 Test indication contact (NO)
 Test contact (NC)
 Test indication contact (NC)

Remove



Module for auxiliary contacts

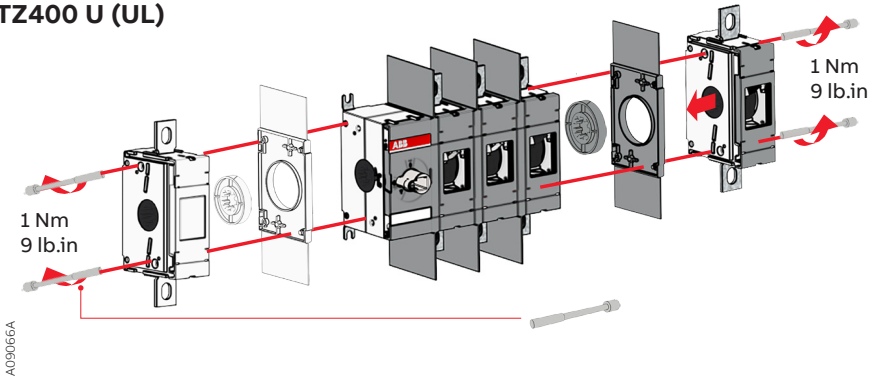
OEA_



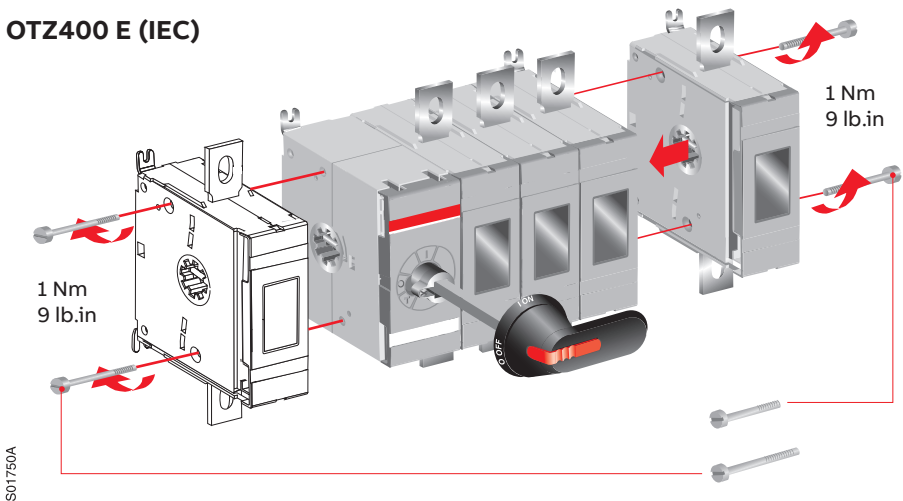
Fourth pole

OTZ400U (UL) and OTZ400E (IEC)

OTZ400 U (UL)



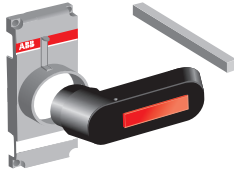
OTZ400 E (IEC)



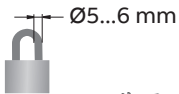
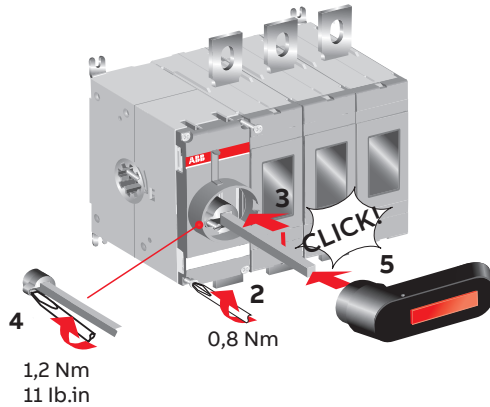
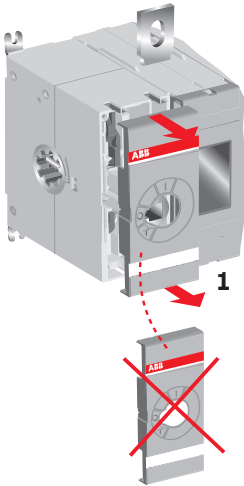
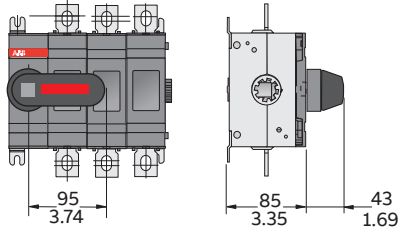
Direct mount handle

OTV

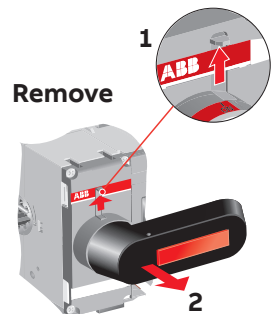
OTV400EK



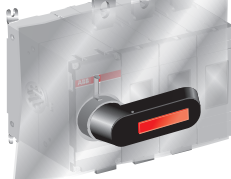
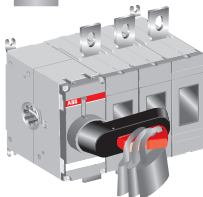
OT315-500E01_04



Note: Use protection against direct contact. For example:



A00099A



Interlocking

OTZT2_



1

1A



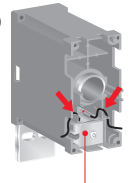
Flat connection
6,3-0,8
(DIN 46244)

The cable is not
included in the
delivery

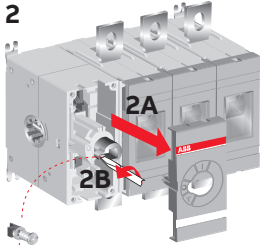
1B

1C

1D



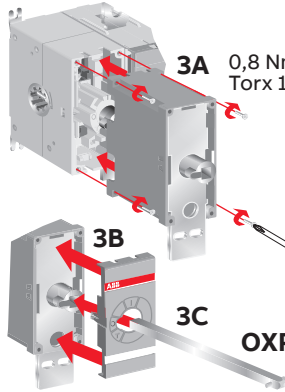
2



2A

2B

3



3A

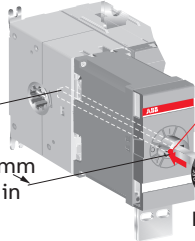
0,8 Nm 7 lb.in
Torx 10

3B

3C

OX^P12x_

4



4A

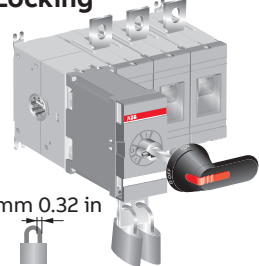
1,2 Nm
11 lb.in

4B

Handle: OH_95^J12_

△NOTE:
min. 90 mm
3.5 in

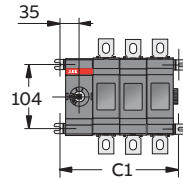
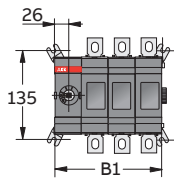
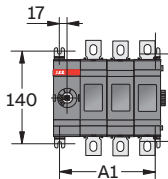
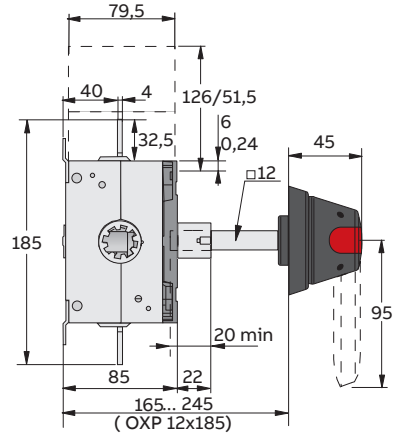
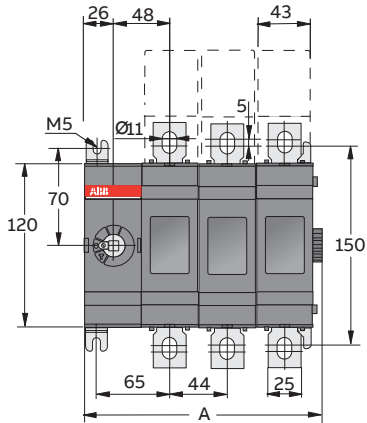
Locking



Ø8 mm 0.32 in

Dimension drawings

OT315-500E01-04

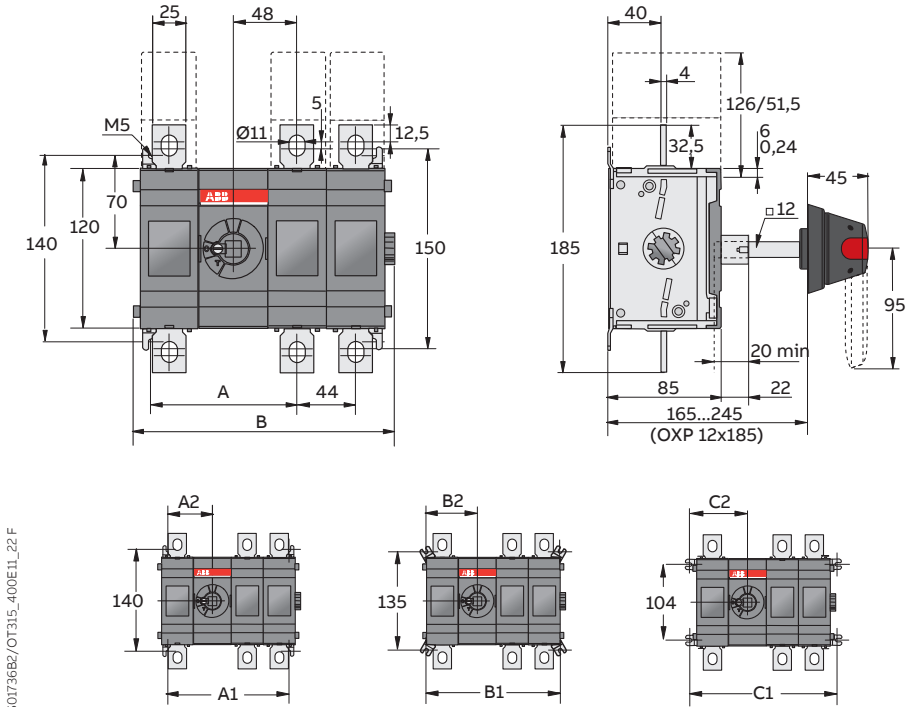


M00012/M00072 OT315_400E01_04 H

mm	OT315/400/500_			
	E01	E02	E03	E04
A	103	147	191	235
A1	78	122	166	210
B1	96	140	184	228
C1	114	158	202	246

Dimension drawings

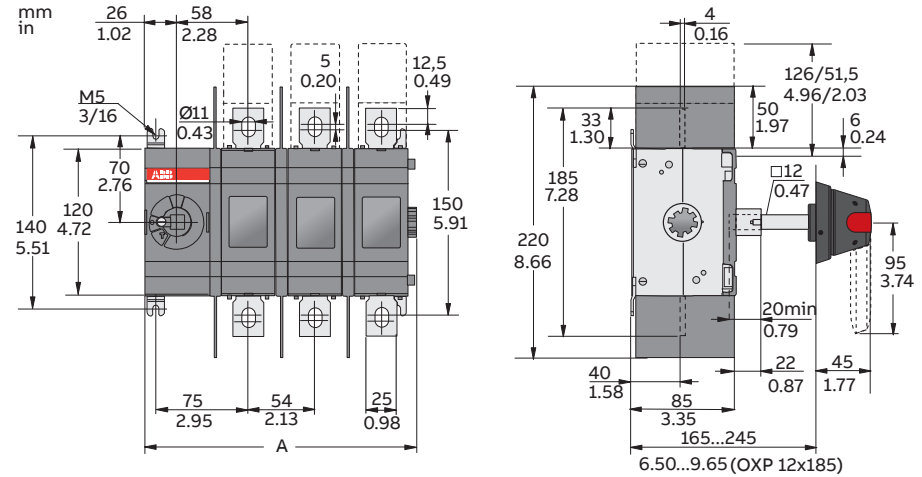
OT315-500E11-22



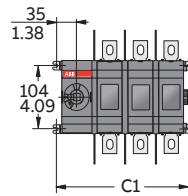
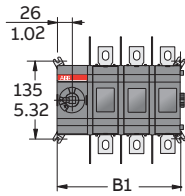
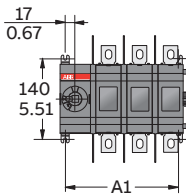
mm	OT315/400/500_				
	E11	E12	E13	E22	E23
A	109	109	109	153	153
A	152	196	240	240	284
A1	122	166	210	210	254
A2	61	61	61	105	105
B1	140	184	228	228	272
B2	70	70	70	114	114
C1	158	202	246	246	290
C2	79	79	79	123	123

Dimension drawings

OT400U01-04



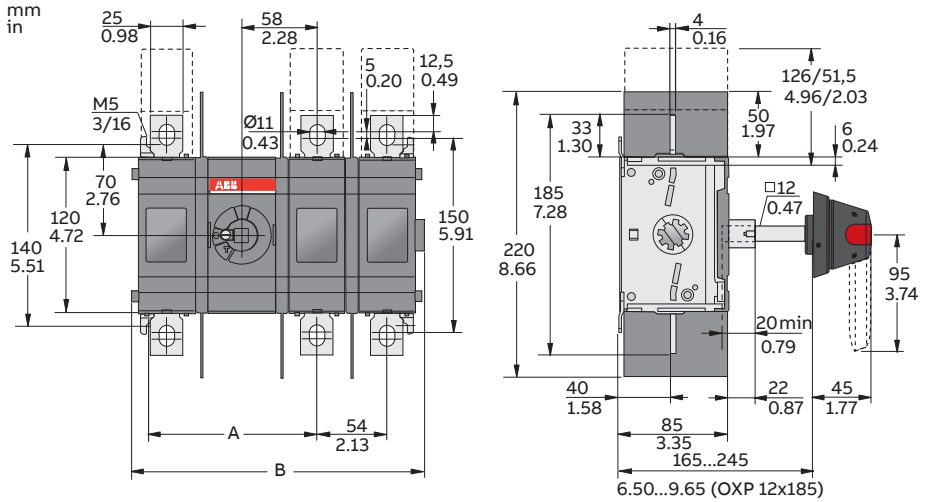
S01736C1/OT400U/E01_04W G



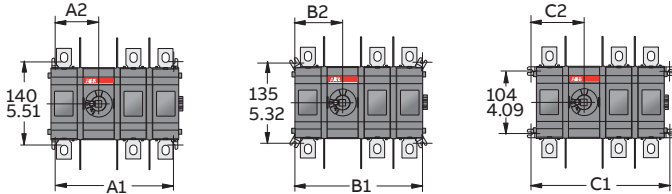
mm in	OT400			
	U01/E01W	U02/E02W	U03/E03W	U04/E04W
A	113 / 4.45	167 / 6.58	221 / 8.70	275 / 10.83
A1	88 / 3.47	142 / 5.59	196 / 7.72	250 / 9.84
B1	106 / 4.17	160 / 4.17	214 / 8.43	268 / 10.55
C1	124 / 4.88	178 / 7.01	232 / 9.13	286 / 11.27

Dimension drawings

OT400U11-22



50173C2/OT400U/E11_22W G



mm in	OT400			
	U11/E11W	U12/E12W	U13/E13W	U14/E14W
A	129 / 5.08	129 / 5.08	129 / 5.08	183 / 7.21
B	172 / 6.77	226 / 8.90	280 / 11.02	280 / 11.02
A1	142 / 5.59	196 / 7.72	250 / 9.84	250 / 9.84
A2	71 / 2.80	71 / 2.80	71 / 2.80	125 / 4.92
B1	160 / 6.30	214 / 8.43	268 / 10.55	268 / 10.55
B2	80 / 3.15	80 / 3.15	80 / 3.15	134 / 5.28
C1	178 / 7.01	232 / 9.13	286 / 11.26	286 / 11.27
C2	89 / 3.50	89 / 3.50	89 / 3.50	143 / 5.63



BG	Внимание! Опасно напряжение! Да се монтира само от лице с електротехническа квалификация.
CN	警告！电压危险！只能由专业电工进行安装。
CZ	Varování! Nebezpečné napětí! Montáž smí provádět výhradně elektrotechnik!
DA	Advarsel! Farlig elektrisk spænding! Installation må kun foretages af personer med elektroteknisk ekspertise.
DE	Warnung! Gefährliche Spannung! Installation nur durch elektrotechnische Fachkraft.
EL	Προειδοποίηση! Υψηλή τάση! Η εγκατάσταση πρέπει να γίνεται μόνο από εξειδικευμένους ηλεκτροτεχνικούς.
EN	Warning! Hazardous voltage! Installation by person with electrotechnical expertise only.
ES	¡Advertencia! ¡Tensión peligrosa! La instalación deberá ser realizada únicamente por electricistas especializados.
ET	Hoiatus! Ohtlik pinge. Paigaldada võib ainult elektrotehnika-alane ekspert.
FI	Varoitus! Vaarallinen jännite! Asennuksen voi tehdä vain sähköalan ammattihenkilö.
FR	Avertissement! Tension électrique dangereuse! Installation uniquement par des personnes qualifiées en électrotechnique.
HR	Upozoreње! Opasan napon! Postavljati smije samo elektrotehnički stručnjak.
HU	Figyelmeztetés! Veszélyes feszültség! Csak elektrotechnikai tapasztalattal rendelkező szakember helyezheti üzembe.
IE	Rabhadh! Voltas guaiseach! Ba chóir do dhuine ag a bhfuil saeolas leictreicniúil, agus an té sin amháin, é seo a shuiteáil.
IT	Avvertenza! Tensione pericolosa! Fare installare solo da un elettricista qualificato.
LT	Dėmesio! Pavojinga įtampa! Dirbti leidžiama tik elektrotechniko patirties turintiems asmenims.
LV	Uzmanību! Bīstami - elektrība! Montāžas darbus drīkst veikt tikai personas, kurām ir atbilstošas elektrotehniskās zināšanas.
MT	Twissija! Vultaġġ perikoluż! Għandu jiġi installat biss minn persuna b'kompetenza elettroteknika.
NL	Waarschuwing! Gevaarlijke spanning! Mag alleen geïnstalleerd worden door een deskundige elektrotechnicus.
NO	Advarsel! Farlig spenning! Montering skal kun utføres av kvalifiserte personer med elektrokompetanse.
PL	Ostrzeżenie! Niebezpieczne napięcie! Instalacji może dokonać wyłącznie osoba z fachową wiedzą w dziedzinie elektrotechniki.
PT	Aviso! Tensão perigosa! A instalação só deve ser realizada por um electricista especializado.
RO	Avertizare! Tensiune periculoasă! Instalarea trebuie efectuată numai de către o persoană cu experiență în electrotehnică.
RU	Осторожно! Опасное напряжение! Монтаж должен выполняться только специалистом-электриком.
SE	Varning! Farlig spänning! Installation får endast utföras av en elektriker.
SK	Varovanie! Nebezpečné napätie! Montáž môže vykonávať iba skúsený elektrotechnik.
SL	Opozorilo! Nevarna napetost! Vgradnjo lahko opravi le oseba z elektrotehničnim strokovnim znanjem.



Contact us

ABB Oy

P.O. Box 622
FI-65101 Vaasa
Finland

abb.com/lowvoltage