

—
INSTALLATION INSTRUCTION

Switch fuses

OS315-400

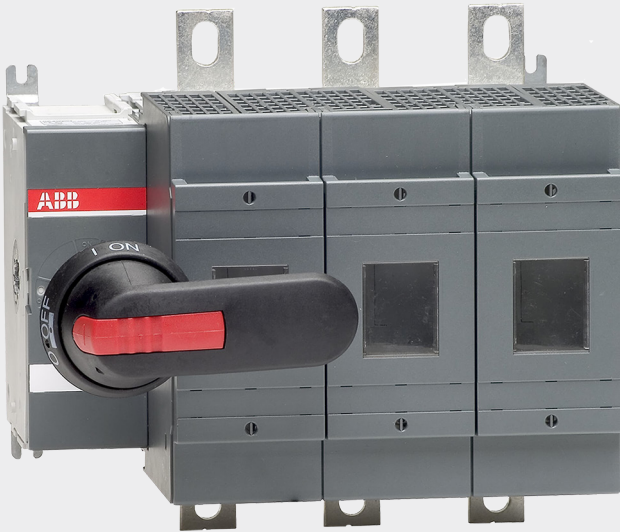
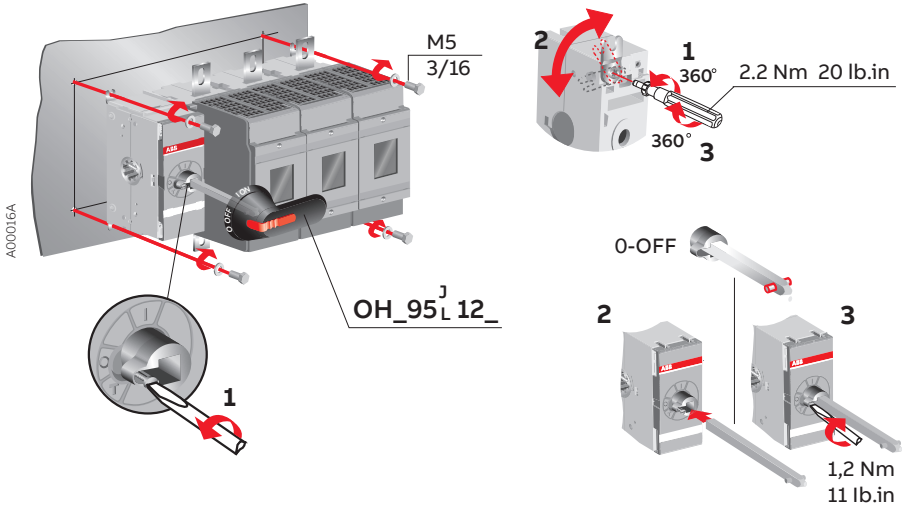


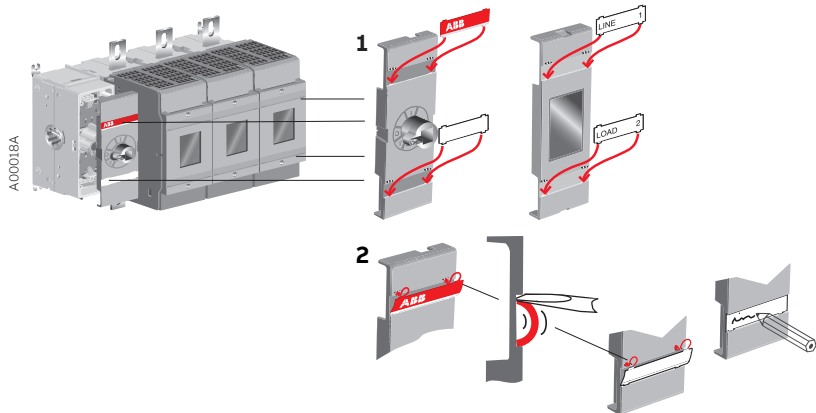
Table of contents

03	Installation Labels
04	Clearances per UL98 Terminal shrouds OSS_
05	Terminal clamps OZX_ Fuse links
06	Auxiliary contacts OA_
07	Direct mount handle OSV_
08	Fourth pole OSP_ Neutral link OS_N3, OXN400
09	Blown fuse indicator OSZ_
10	Electronic fuse monitor OFS_
11	Module for aux contacts OEA28_
12	Interlocking OSZT2_
13-14	Dimension drawings
15	Warning sheet

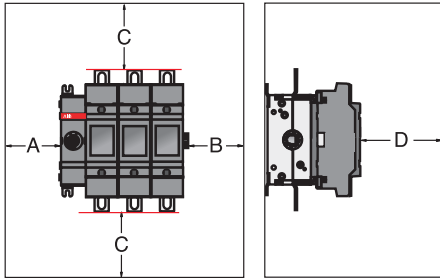
Installation



Labels



Clearances per UL98



Minimum enclosure size or equivalent volume

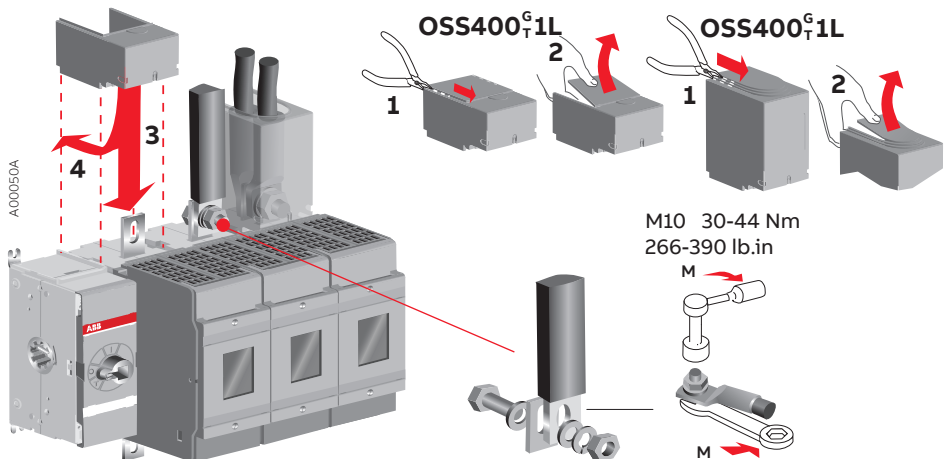
Switch	Height	Width	Depth
3-pole	610	356	254
4-pole	610	508	254

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

AWG	C	MCM	C
4-3	100 mm 4 in	250	200 mm 8 in
2	100 mm 4 in	300	250 mm 10 in
1	100 mm 4 in	400	330 mm 13 in
1/0	125 mm 5 in	500	356 mm 14 in
2/0	150 mm 6 in	600	381 mm 15 in
3/0-4/0	175 mm 7 in		

Terminal shrouds

OSS_



Terminal clamps

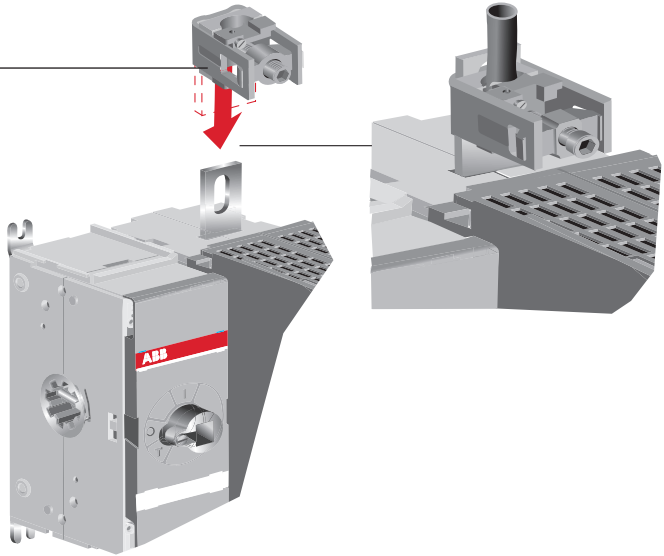
OZX_

OS315, OS400

- OZXB2L
- OZXB3
- OZXB4
- OZXB7
- OZXB7L
- OZXB8
- OZXB9

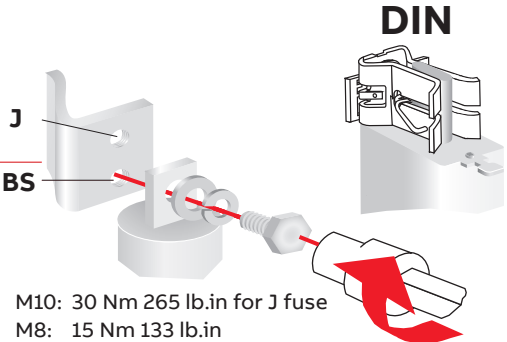
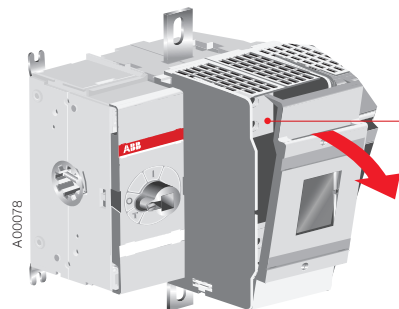
OS400J

- OZXA-400_
- OZXA-406_



A00017A

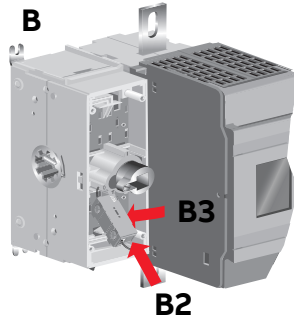
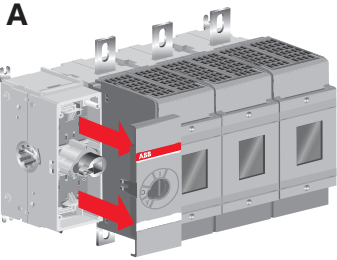
Fuse links



A00017B

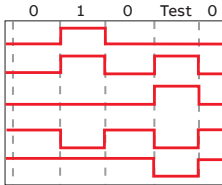
Auxiliary contacts

OA_

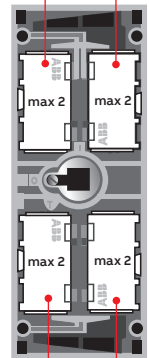


NO: OA1G10
NC: OA3G01

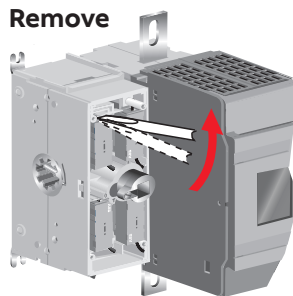
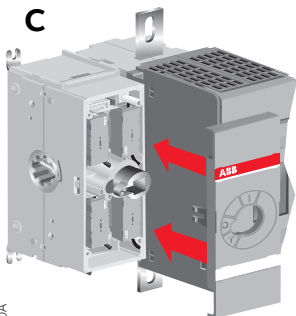
Test contact



Main contact
 Test contact (NO)
 Test indication contact (NOT)
 Test contact (NC)
 Test indication contact (NC)



Test indication contact

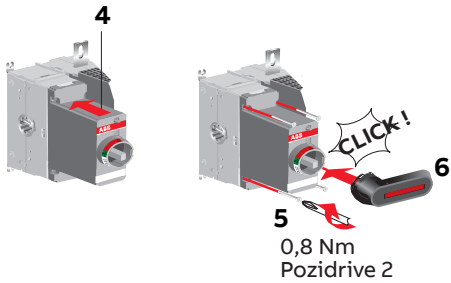
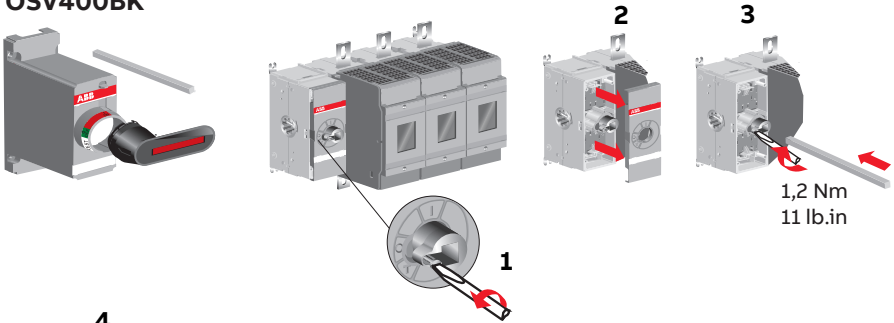


A00080A

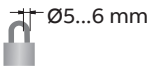
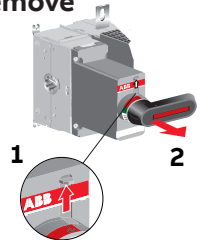
Direct mount handle

OSV_

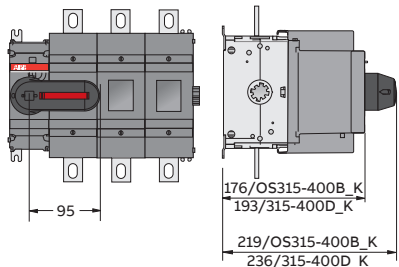
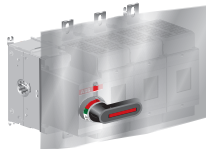
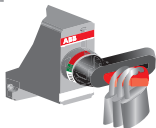
**OSV400DK
OSV400BK**



Remove



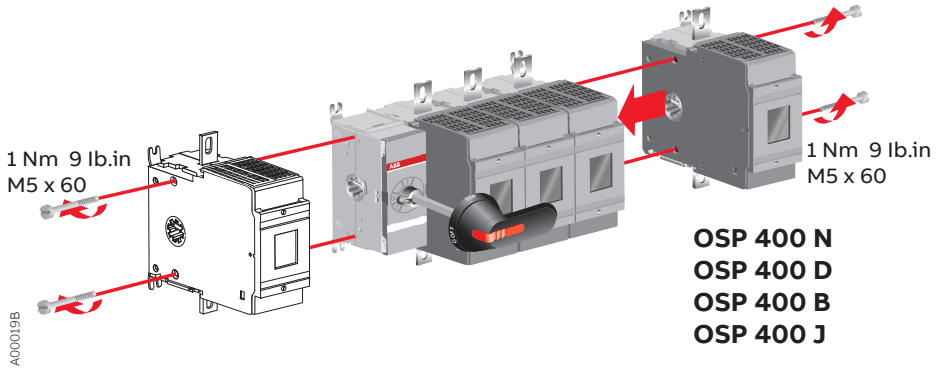
Note: Use protection against direct contact. For example:



A00144A

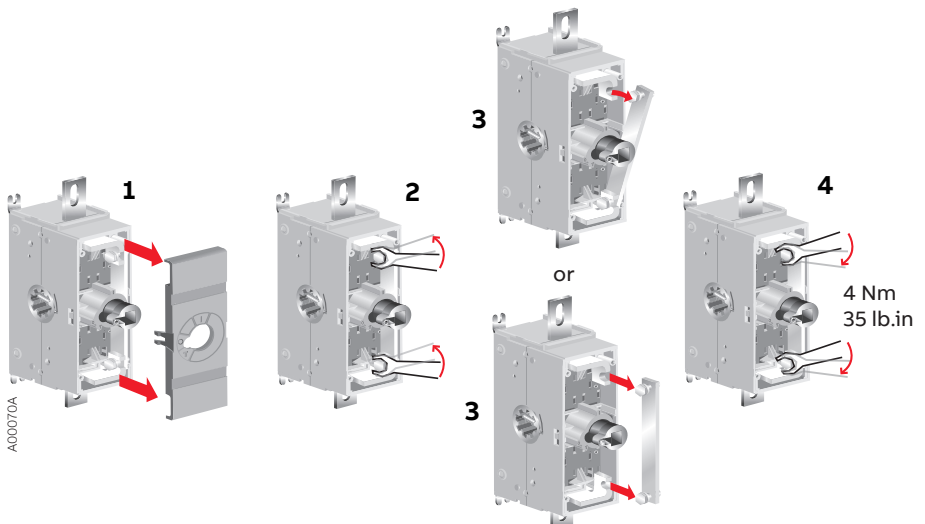
Fourth pole

OSP_



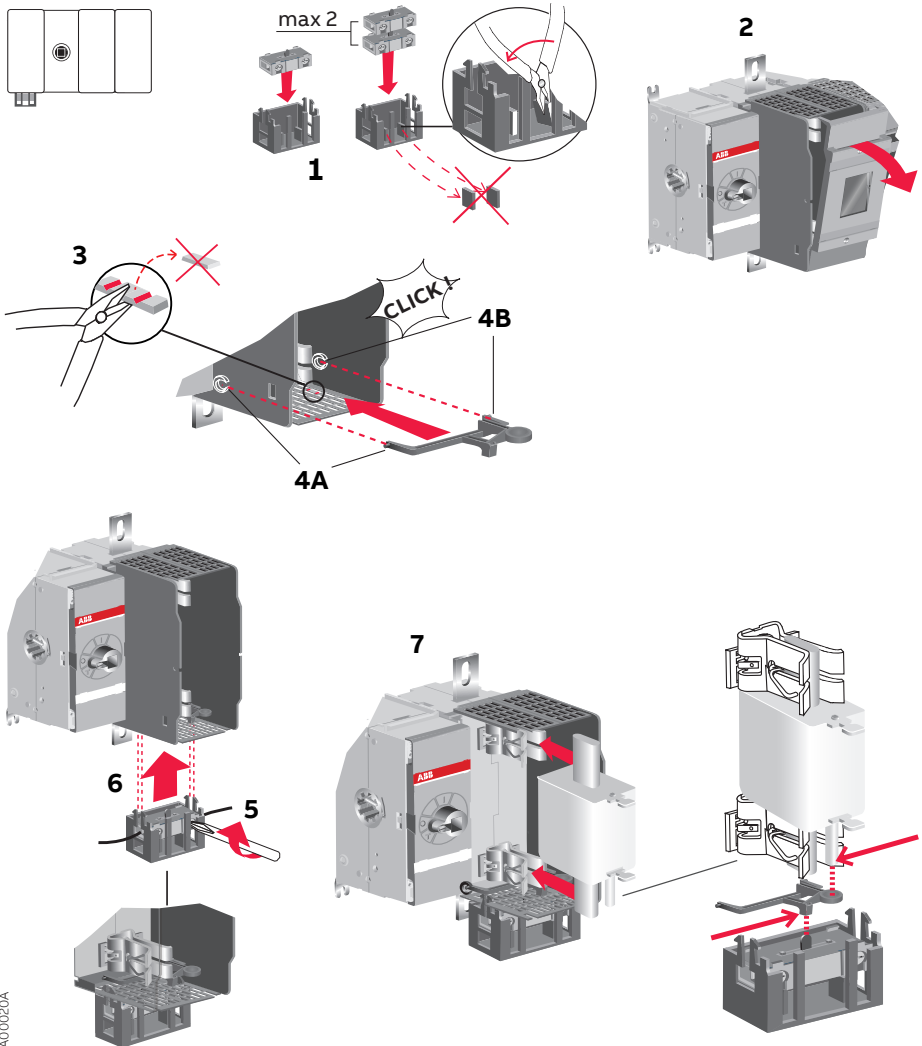
Neutral link

OS_N3, OXN400

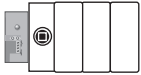


Blown fuse indicator

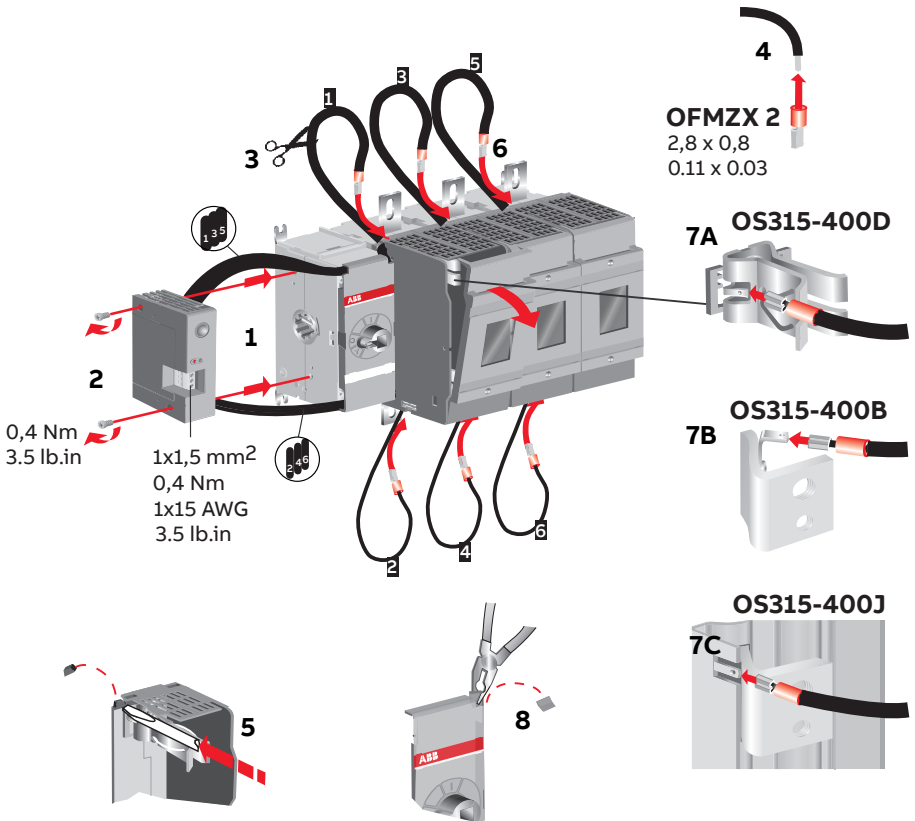
OSZ_



Electronic fuse monitor OFS_



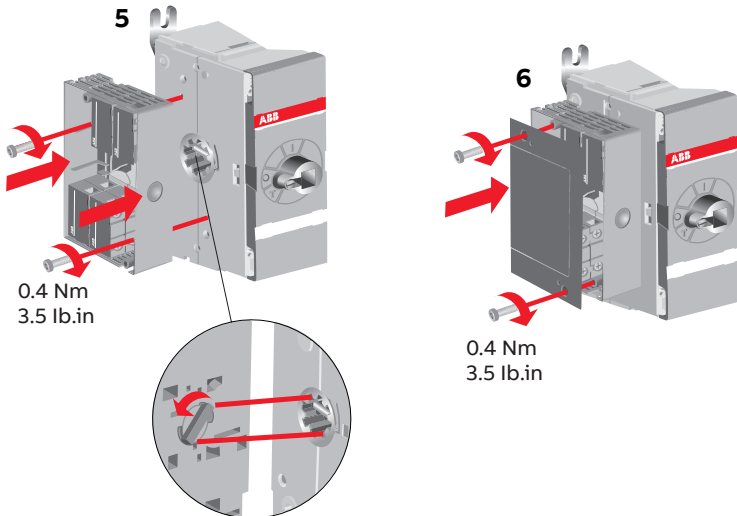
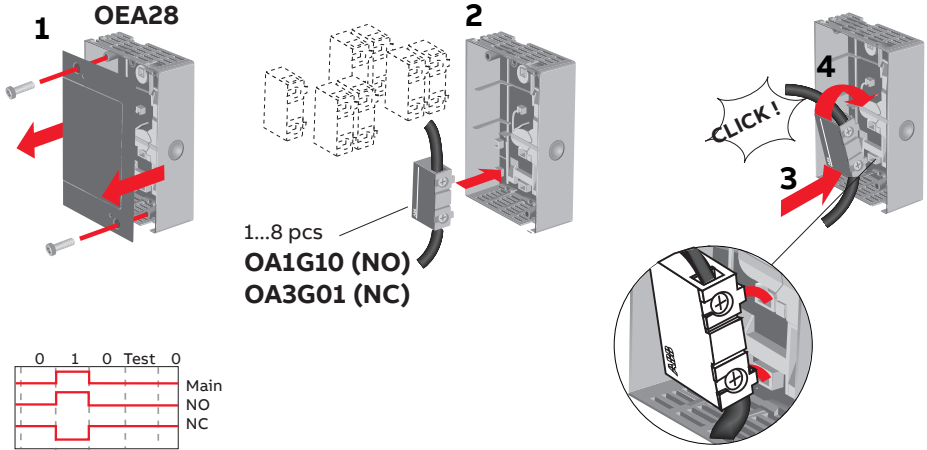
OS315-400...+OFS_



OFMZX 2
2,8 x 0,8
0.11 x 0.03

Module for aux contacts

OEA28_



Interlocking

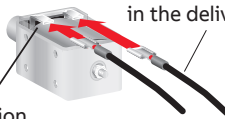
OSZT2

OSZT2_



1

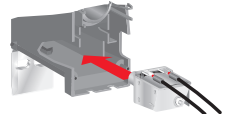
1A



The cable is not included in the delivery

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

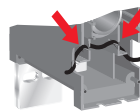
1B



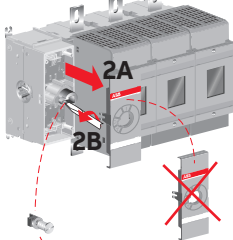
1C



1D



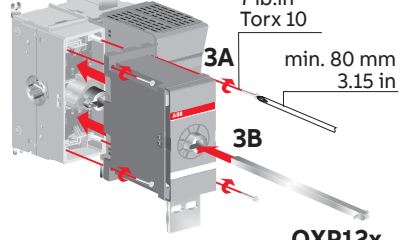
2



2A

2B

3



0,8 Nm
7 lb.in
Torx 10

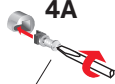
min. 80 mm
3.15 in

3A

3B

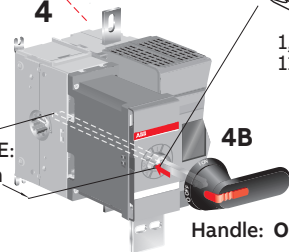
OXP12x_

4A



1,2 Nm
11 lb.in

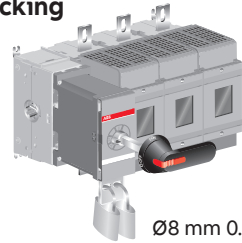
4



Handle: OH_95³12_

NOTE:
min. 120 mm
4.72 in

Locking

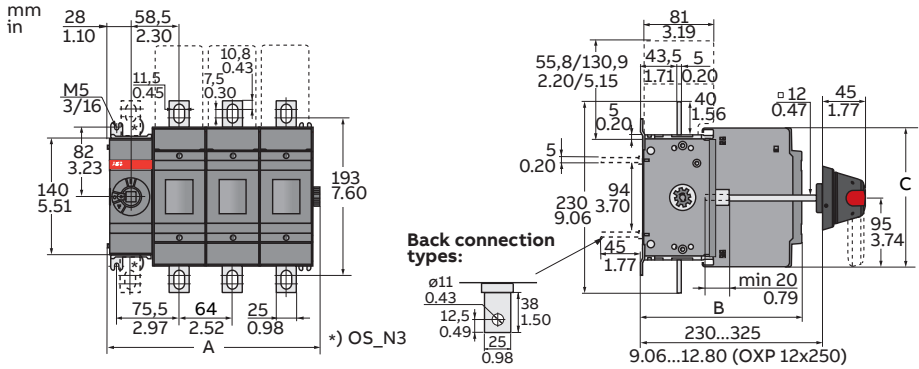


Ø8 mm 0.32 in

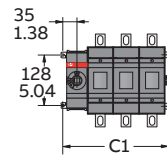
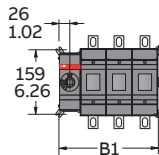
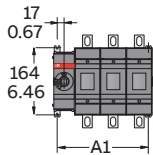


Dimension drawings

OS315-400_01-04



C0000012 / OS315_400_01_04 C

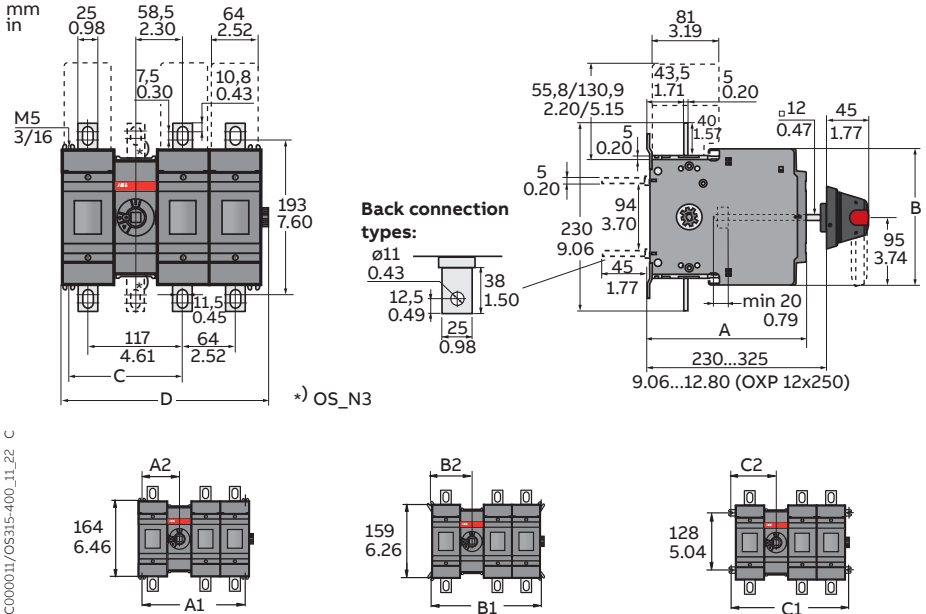


mm in	OS315-400								OS400			
	B01	B02	B03	B04	D01	D02	D03	D04	J01	J02	J03	J04
A	127	191	255	319	127	191	255	316	127/5.00	191/7.52	255/10.04	319/12.56
B	176	176	176	176	193	193	193	193	176/6.93	176/6.93	176/6.93	176/6.93
C	194	194	194	194	166	166	166	166	194/7.64	194/7.64	194/7.64	194/7.64

mm in	OS315-400				OS400			
	B01	B02	B03	B04	B01/D01/J01	B02/D02/J02	B03/D03/J03	B04/D04/J04
A1	98,5	162,5	226,5	290,5	98,5/3.88	162,5/6.40	226,5/8.92	290,5/11.44
B1	116,5	180,5	244,5	308,5	116,5/4.59	180,5/7.11	244,5/9.63	308,5/12.15
C1	134,5	198,5	262,5	326,5	134,5/5.30	198,5/7.81	262,5/10.33	326,5/12.85

Dimension drawings

OS315-400_11-22



C000011/OS315-400_11_22 C

mm in	OS315-400										OS400				
	B11	B12	B13	B21	B22	D11	D12	D13	D21	D22	J11	J12	J13	J21	J22
A	176	176	176	176	176	193	193	193	193	193	176/6.93	176/6.93	176/6.93	176/6.93	176/6.93
B	194	194	194	194	194	166	166	166	166	166	194/7.84	194/7.64	194/7.64	194/7.64	194/7.64
C	140	140	140	204	204	140	140	140	204	204	140/5.51	140/5.51	140/5.51	204/8.03	204/8.03
D	190	254	318	254	318	190	254	318	254	318	190/7.48	254/10.00	318/12.52	254/10.00	318/12.52

mm in	OS315-400					OS400				
	B11	B12	B13	B21	B22	B11/D11/J11	B12/D12/J12	B13/D13/J13	B21/D21/J21	B22/D22/J22
A1	163	227	291	227	291	163/6.42	227/8.94	291/11.46	227/8.94	291/11.46
A2	81,5	81,5	81,5	145,5	145,5	81,5/3.21	81,5/3.21	81,5/3.21	145,5/5.73	145,5/5.73
B1	181	245	309	245	309	181/7.13	245/9.65	309/12.17	245/9.65	309/12.17
B2	90,5	90,5	90,5	154,5	154,5	90,5/3.56	90,5/3.56	90,5/3.56	154,5/6.08	154,5/6.08
C1	199	263	327	263	327	199/7.83	263/10.35	327/12.87	263/10.35	327/12.87
C2	99,5	99,5	99,5	163,5	163,5	99,5/3.92	99,5/3.92	99,5/3.92	163,5/6.44	163,5/6.44



BG	Внимание! Опасно напрежение! 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 ηλεκροτεχνικούς.
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	Upozorenje! Opasan napon! Postavljati smije samo elektrotehnički stručnjak.
HU	Figyelmeztetés! Veszélyes feszültség! Csak elektrotechnikai tapasztalattal rendelkező szakember helyezheti üzembe.
IE	Rabhadh! Voltas gaiseach! Ba chóir do dhuine ag a bhfuil saineolas 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 elektrotehnikās zināšanas.
MT	Twissija! Voltagg 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