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INSTALLATION INSTRUCTION

Switch fuses

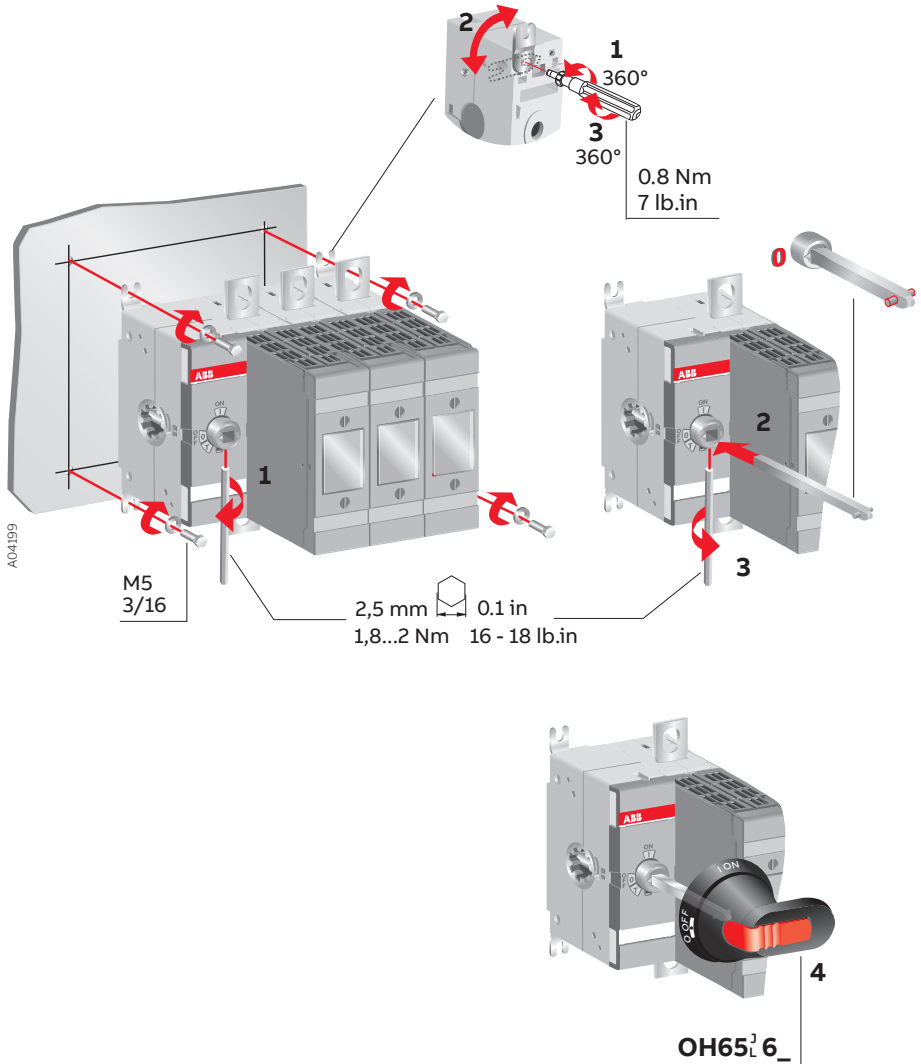
OS100G-160G



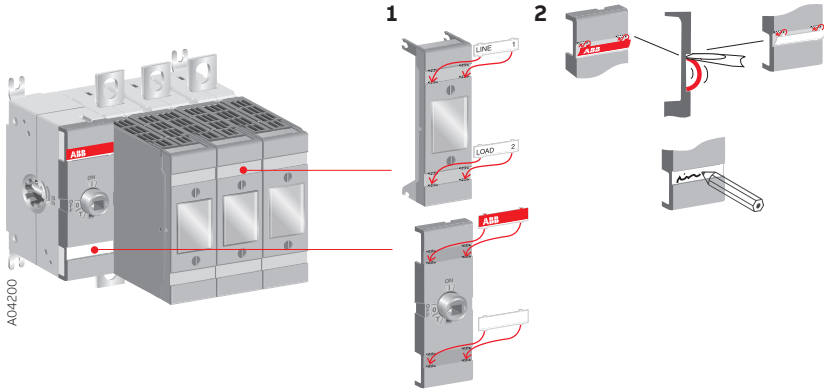
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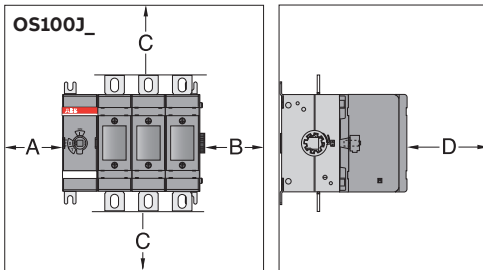
Installation



Labels



Clearances per UL98



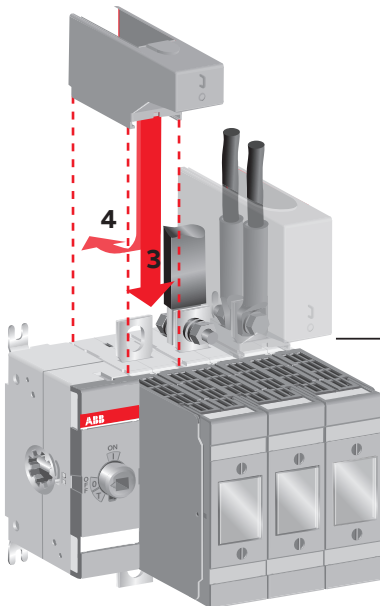
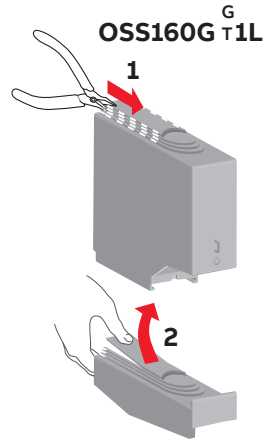
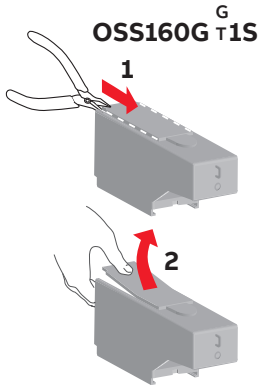
Minimum enclosure size or equivalent volume

Height	Width	Depth
300 mm	350 mm	200 mm
12 in	14 in	8 in

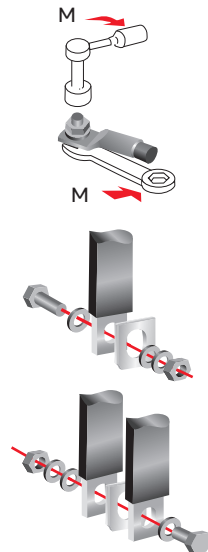
A	B	D
0	13 mm / 0.5 in	13 mm / 0.5 in

AWG	C
14-8	38 mm 1.5 in
6	51 mm 2 in
4-1	100 mm 4 in
1/0	125 mm 5 in
2/0	150 mm 6 in

Terminal shrouds OSS_



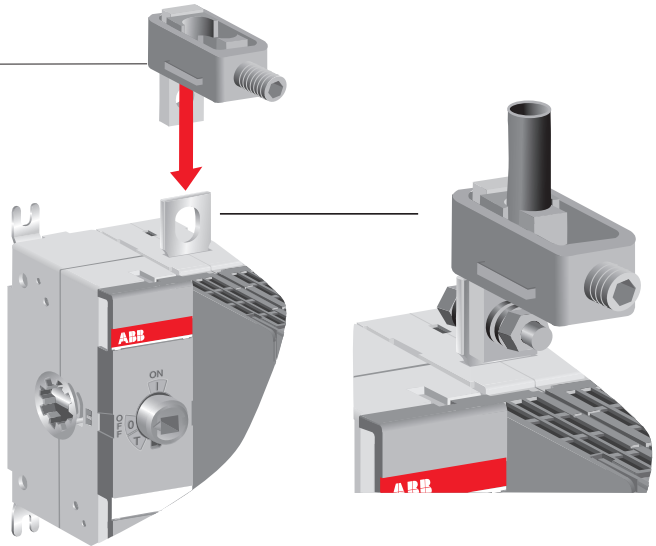
M8 15...22 Nm 133-195 lb.in



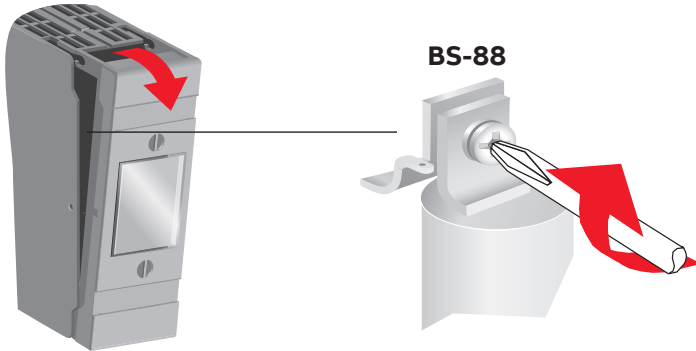
Terminal clamps OZX_

OS125-160GD
OS100-200GB
OS125GF
OZXB1L
OZXB8
OZXR70
OZXP95

OS100GJ
OZXA-24



Fuse links



BS-88 and UL Class J
M5: 3,5 Nm, 31 lb.in
M6: 4 Nm, 35 lb.in
M8: 5 Nm, 44 lb.in

DIN NH



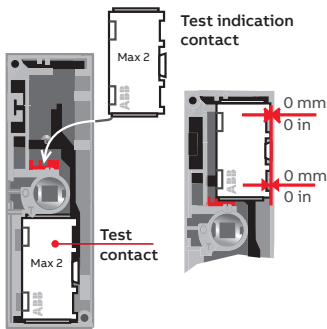
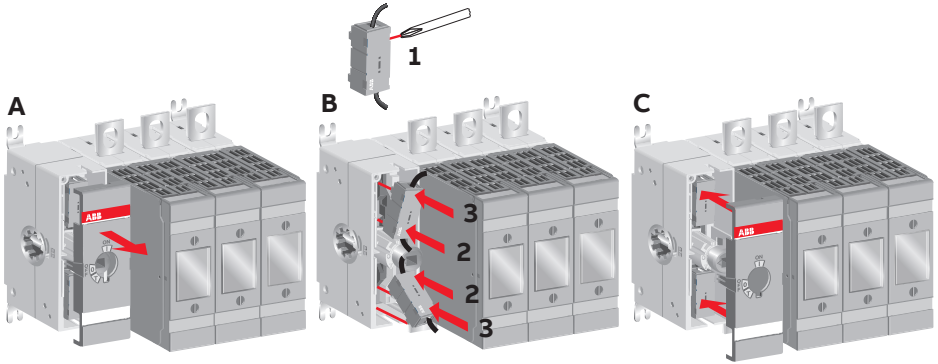
UL Class J



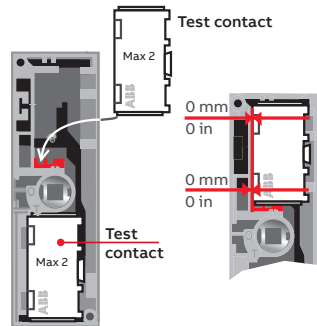
NFC



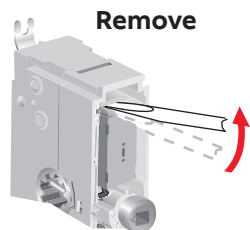
Auxiliary contacts OA_



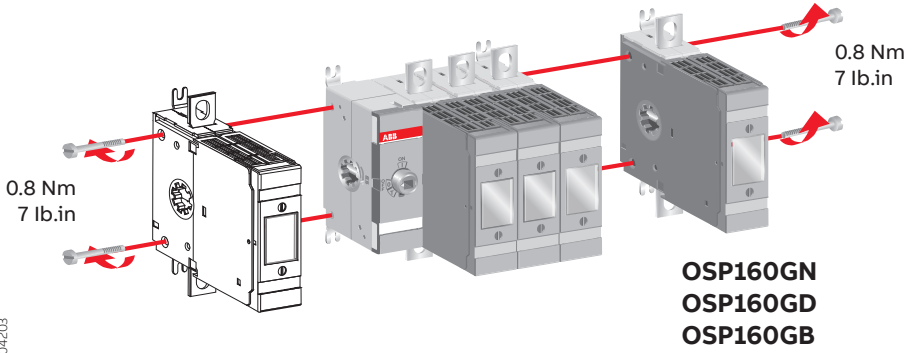
or



NO: OA1G10
NC: OA3G01



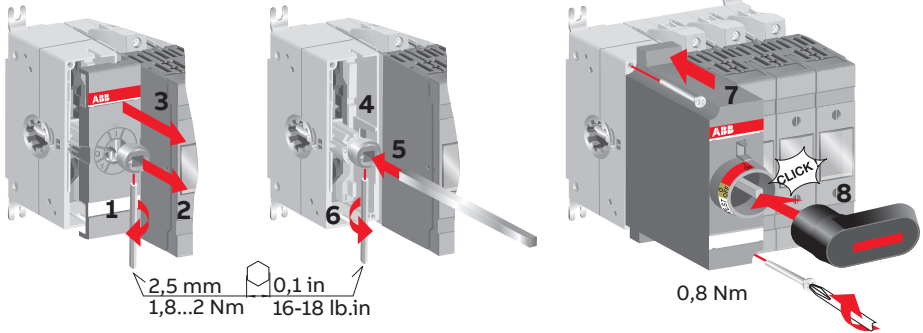
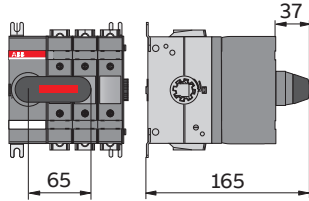
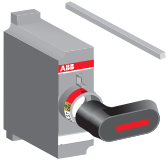
Fourth pole OSP_



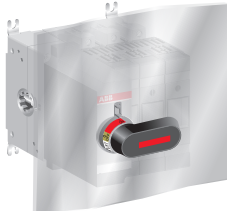
S04203

Direct mount handle OSV_

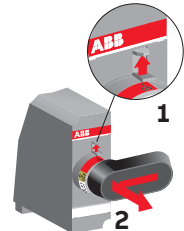
OSV200BK



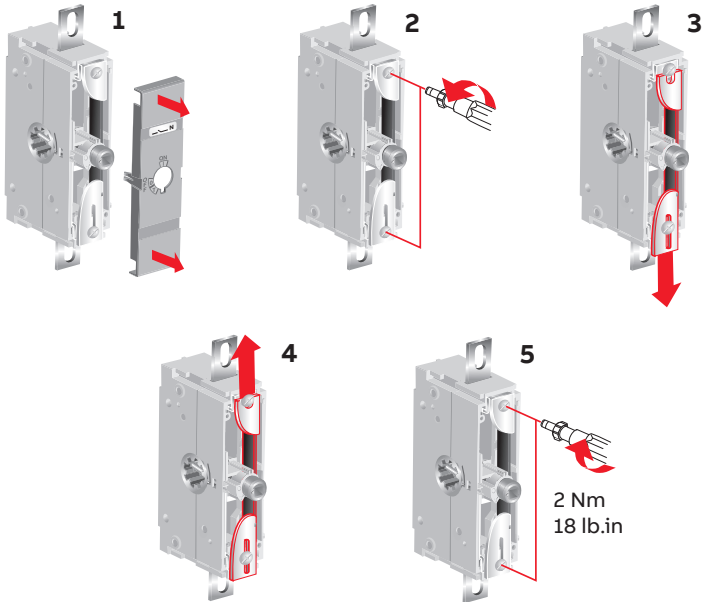
Note:
Use protection against
direct contact.
For example:



Remove



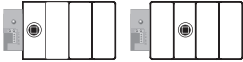
Neutral link OS_N3, OXN250



A00006A

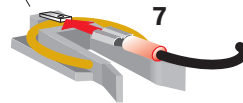
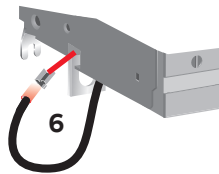
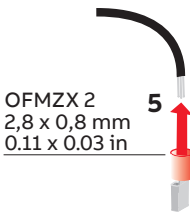
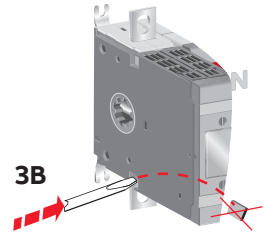
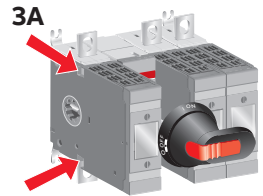
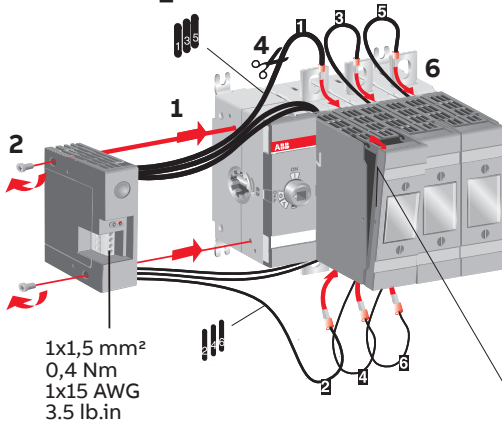
Electronic fuse monitor OFS_

OFS_+OS100G-160G

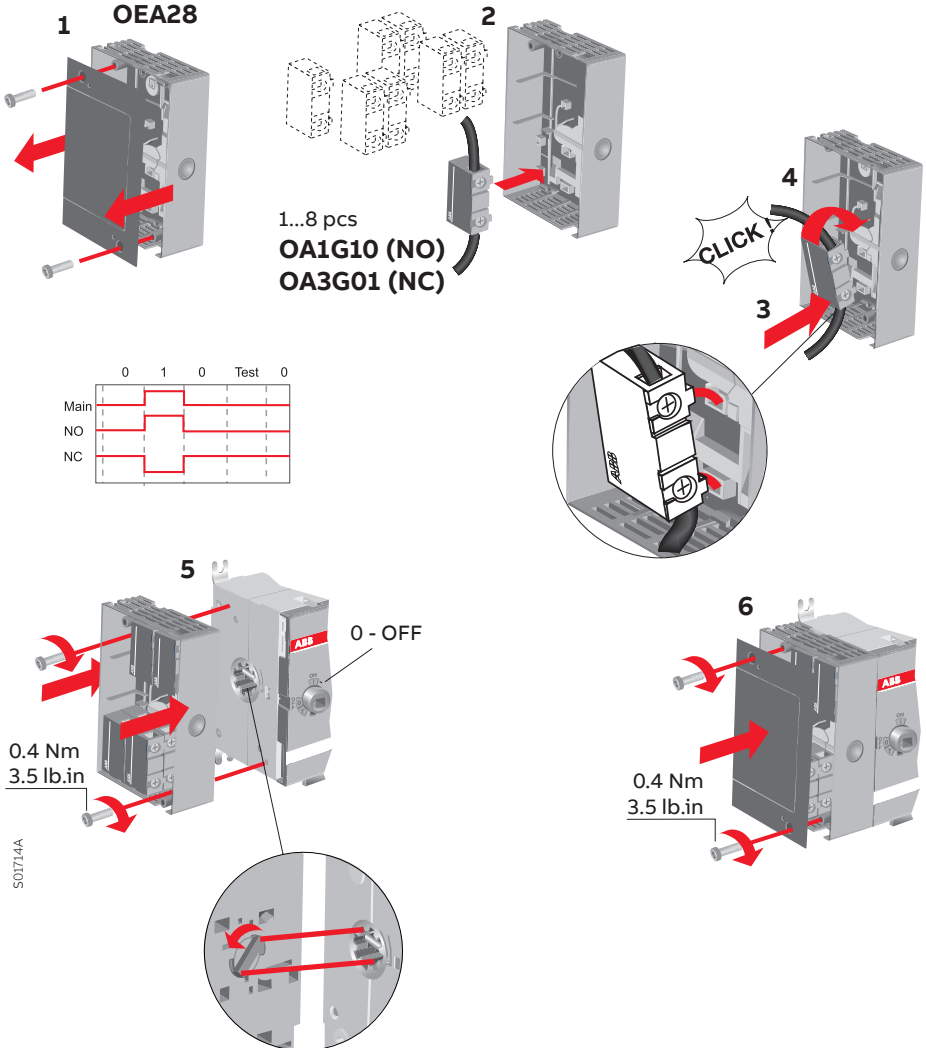


OS100G-160G_03_04 OS100GJ03_04

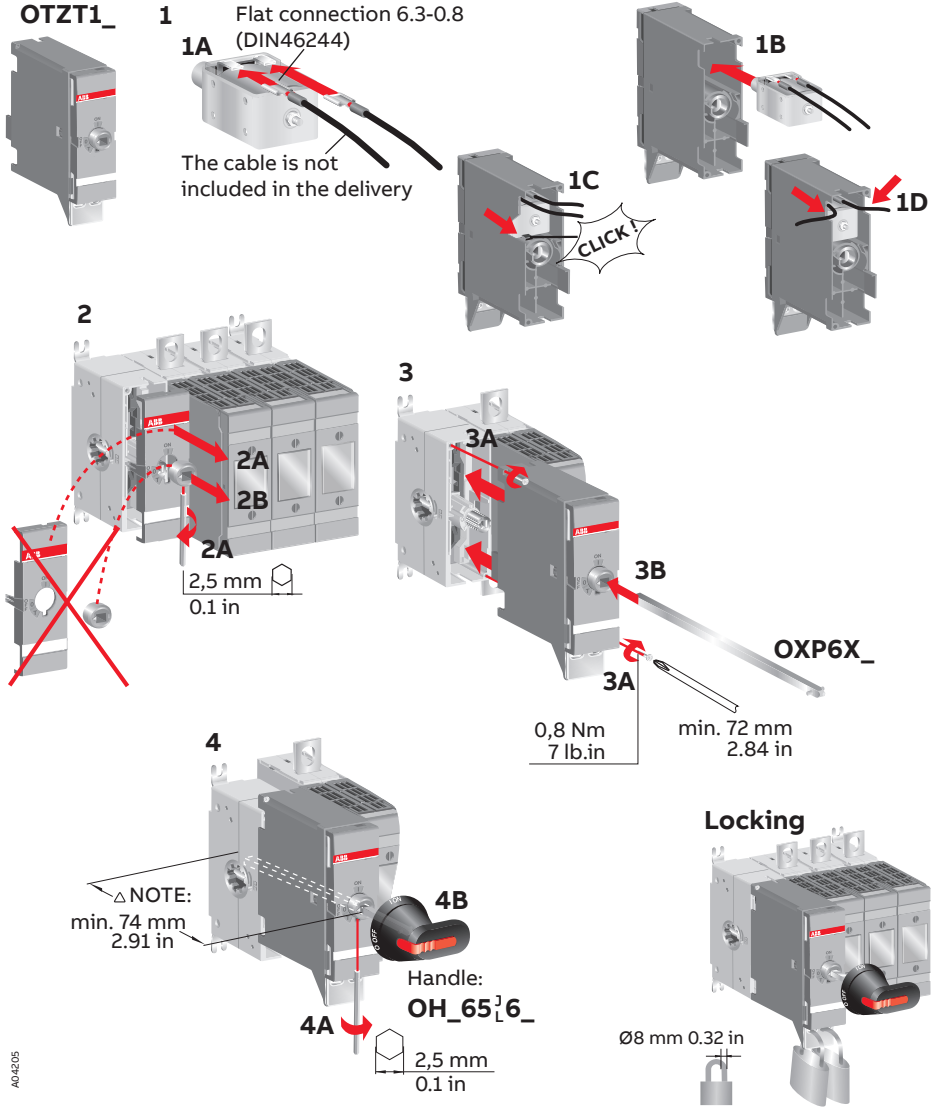
OS100G-160G_12_22 OS100GJ12_22



Module for aux contacts OEA28_

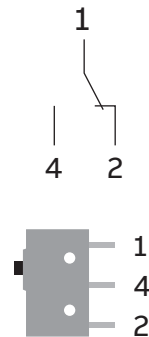
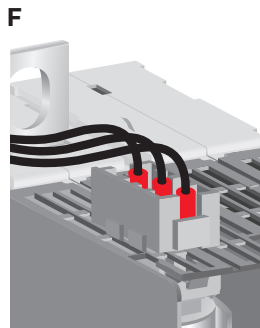
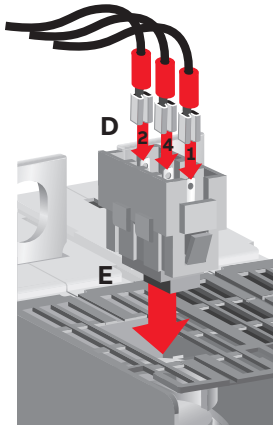
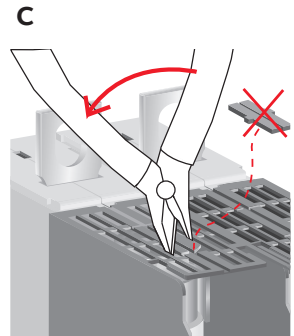
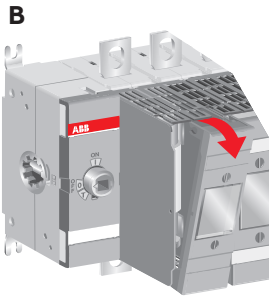
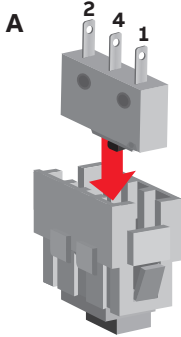


Interlocking OSZT1_



Blown fuse indicator DPMM_

OSGD125P3
OSGD125P4

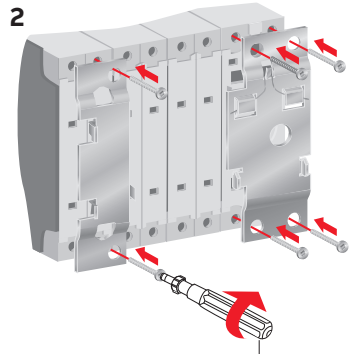
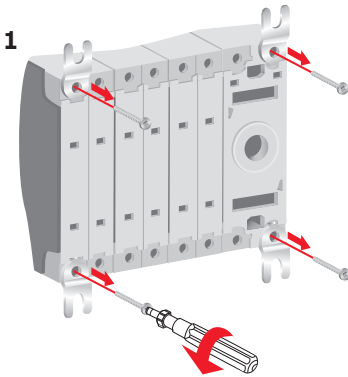


DIN rail mounting kit OSGZD1

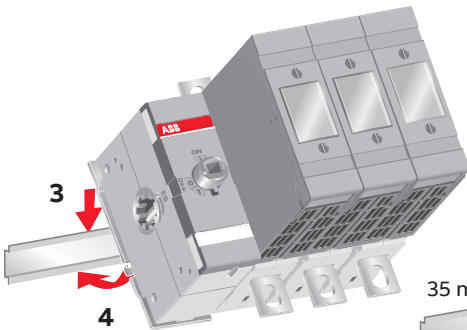
1 pole



2-4 pole

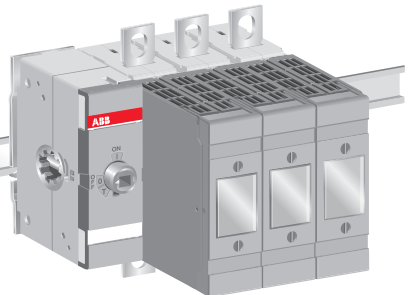


0.8 Nm
7 lb.in



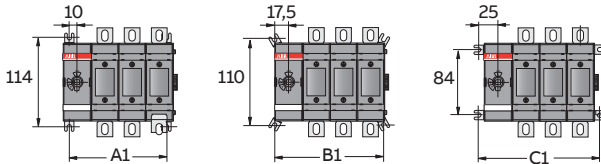
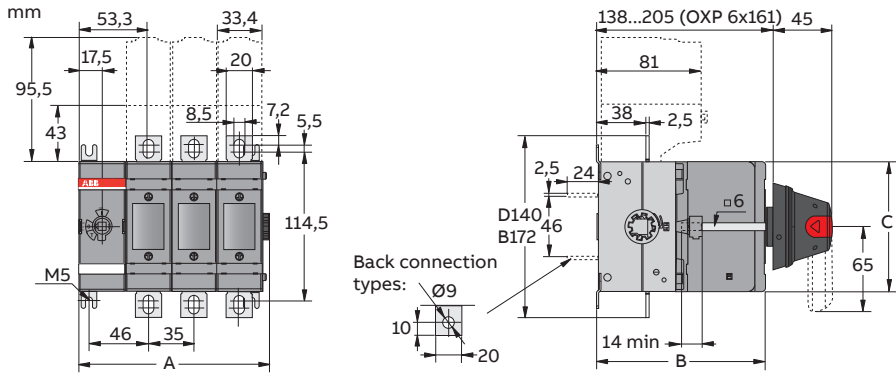
35 mm

EN 50022



Dimension drawings

OS100-160G01-04



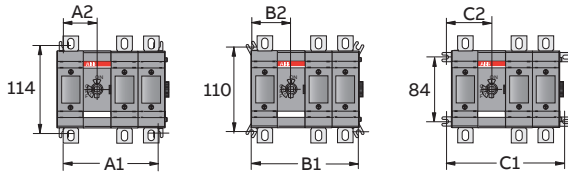
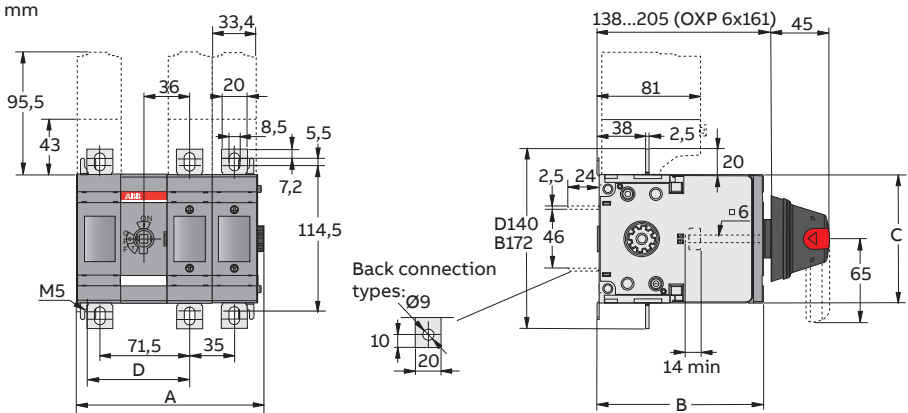
M00289/OS100-160G_01-04 C

OS100-160G_ OS200GB_

	D/F01	D/F02	D/F03	D/F22	B01	B02	B03	B22
A	76,5	111,5	146,5	181,5	76,5	111,5	146,5	181,5
B	130	130	130	130	114,5	114,5	114,5	114,5
C	100	100	100	100	118	118	118	118
A1	55	90	125	160	55	90	125	160
B1	70	105	140	175	70	105	140	175
C1	85	120	155	190	85	120	155	190

Dimension drawings

OS100-160G11-22



M00290/OS100-160G_11-22 C

OS100-160G_ OS200GB_

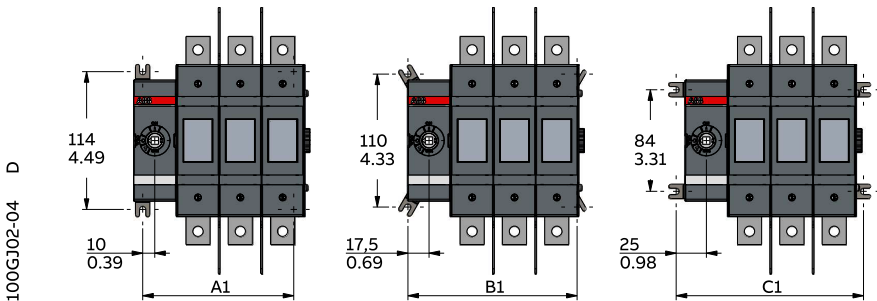
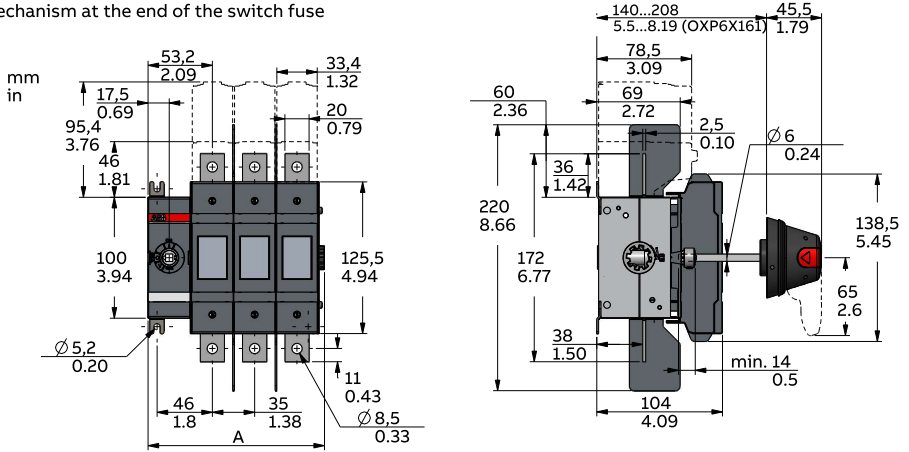
	D/F11	D/F12	D/F13	D/F22	B11	B12	B13	B22
A	113	148	183	183	113	148	183	183
B	130	130	130	130	114,5	114,5	114,5	114,5
C	100	100	100	100	118	118	118	118
D	81	81	81	116	81	81	81	116
A1	90	125	160	160	90	125	160	160
A2	45	45	45	80	45	45	45	80
B1	105	140	175	175	105	140	175	175
B2	52,5	52,5	52,5	87,5	52,5	52,5	52,5	87,5
C1	120	155	190	190	120	155	190	190
C2	60	60	60	95	60	60	60	95

Dimension drawings

OS100GJ02-04

OS100GJ_

Mechanism at the end of the switch fuse



M00291/OS100GJ02-04 D

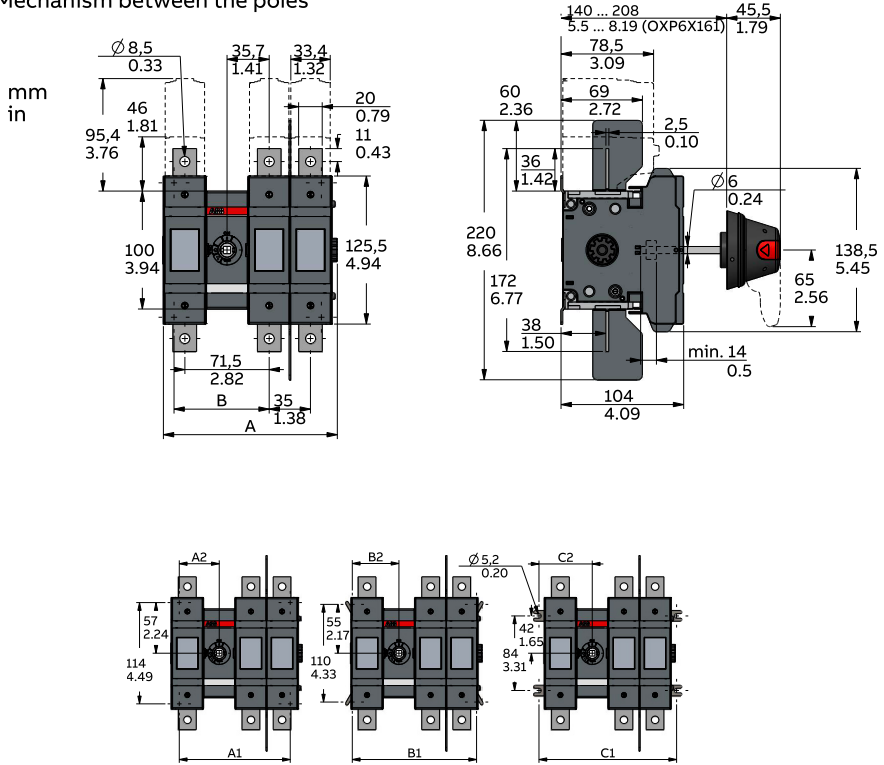
OS100G_

	J02	J03	J04
A	111/4.37	146/5.75	181/7.13
A1	90/3.54	125/4.92	160/6.30
B1	105/4.13	140/5.51	175/6.89
C1	120/4.72	155/6.10	190/7.48

Dimension drawing

OS100GJ12-40

Mechanism between the poles



M00232/OS100GJ12-40F D

OS100G_

	J12	J20	J22F	J30	J40F
A	148/5.83	113/4.45	183/7.20	148/5.83	183/7.20
B	81/3.19	-	116/4.57	-	-
A1	125/4.92	80/3.15	80/3.15	125/4.92	160/6.30
A2	45/1.78	80/3.15	80/3.15	115/4.53	150/5.91
B1	140/5.51	105/4.13	175/6.89	140/5.51	175/6.89
B2	52,5/2.07	87,5/3.44	87,5/3.44	122,5/4.82	157/6.20
C1	155/6.10	120/4.72	190/7.48	155/6.10	190/7.48
C2	60/2.36	95/3.74	95/3.74	130/5.12	165/6.50



BG	Внимание! Опасно напрежение! Да се монтира само от лице с електротехническа квалификация.
FR	Avertissement! Tension électrique dangereuse! Installation uniquement par des personnes qualifiées en électrotechnique.
MT	Twissija! Vultaġġ perikoluż! Għandu jiġi installat biss minn persuna b'kompetenza elettroteknika.
HR	Upozorenje! Opasan napon! Postavljati smije samo elektrotehnički stručnjak.
DE	Warnung! Gefährliche Spannung! Installation nur durch elektrotechnische Fachkraft.
PL	Ostrzeżenie! Niebezpieczne napięcie! Instalacji może dokonać wyłącznie osoba z fachową wiedzą w dziedzinie elektrotechniki.
CZ	Varování! Nebezpečné napětí! Montáž smí provádět výhradně elektrotechnik!
EL	Προειδοποίηση! Υψηλή τάση! Η εγκατάσταση πρέπει να γίνεται μόνο από εξειδικευμένου ηλεκτροτεχνικού.
PT	Aviso! Tensão perigosa! A instalação só deve ser realizada por um electricista especializado.
DA	Advarsel! Farlig elektrisk spænding! Installation må kun foretages af personer med elektroteknisk ekspertise.
HU	Figyelmeztetés! Veszélyes feszültség! Csak elektrotechnikai tapasztalattal rendelkező szakember helyezheti üzembe.
RO	Avertizare! Tensiune periculoasă! Instalarea trebuie efectuată numai de către o persoană cu experiență în electrotehnică.
NL	Waarschuwing! Gevaarlijke spanning! Mag alleen geïnstalleerd worden door een deskundige elektrotechnicus.
IE	Rabhadh! Voltas guaiseach! Ba chóir do dhuine ag a bhfuil saineolas leictreicniúil, agus an té sin amháin, é seo a shuiteáil.
SK	Varovanie! Nebezpečné napätie! Montáž môže vykonávať iba skúsený elektrotechnik.
EN	Warning! Hazardous voltage! Installation by person with electrotechnical expertise only.
IT	Avvertenza! Tensione pericolosa! Fare installare solo da un elettricista qualificato.
SL	Opozorilo! Nevarna napetost! Vgradnjo lahko opravi le oseba z elektrotehničnim strokovnim znanjem.
ET	Hoiaatus! Ohtlik pinge. Paigaldada võib ainult elektrotehnika-alane ekspert.
LV	Uzmanību! Bīstami - elektrība! Montāžas darbus drīkst veikt tikai personas, kurām ir atbilstošas elektrotehnikās zināšanas.
ES	¡Advertencia! ¡Tensión peligrosa! La instalación deberá ser realizada únicamente por electricistas especializados.
FI	Varoitus! Vaarallinen jännite! Asennuksen voi tehdä vain sähköalan ammattihenkilö.
LT	Demėsio! Pavojinga įtampa! Dirbti leidžiama tik elektrotechniko patirties turintiems asmenims.
SE	Varning! Farlig spänning! Installation får endast utföras av en elektriker.
CN	警告！电压危险！只能由专业电工进行安装。
RU	Осторожно! Опасное напряжение! Монтаж должен выполняться только специалистом-электриком.



Contact us

ABB Oy

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Finland

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