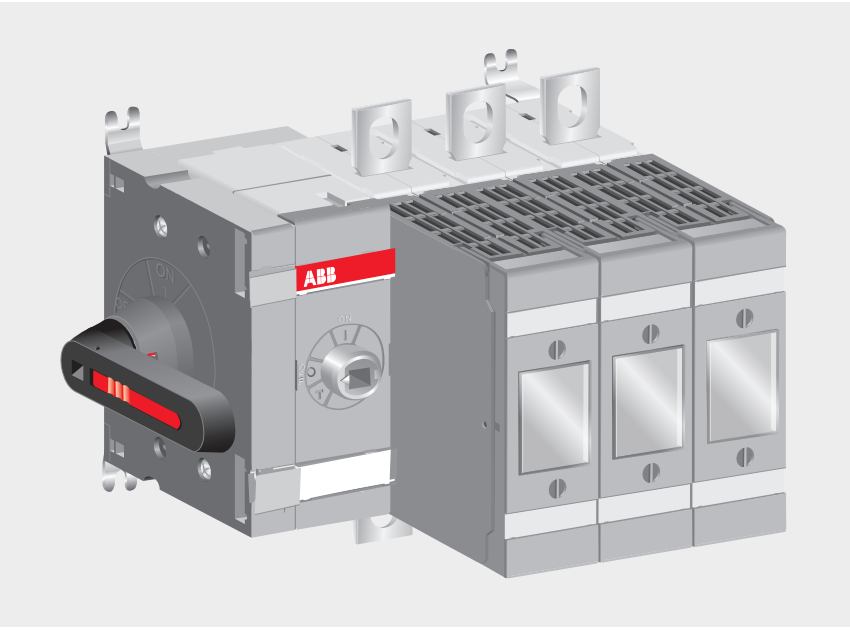
INSTALLATION INSTRUCTION

Switch fuses

OS100GS-160GS



Switch fuses
34OS100GS-160GS rev. K / 1SCC311039M0205

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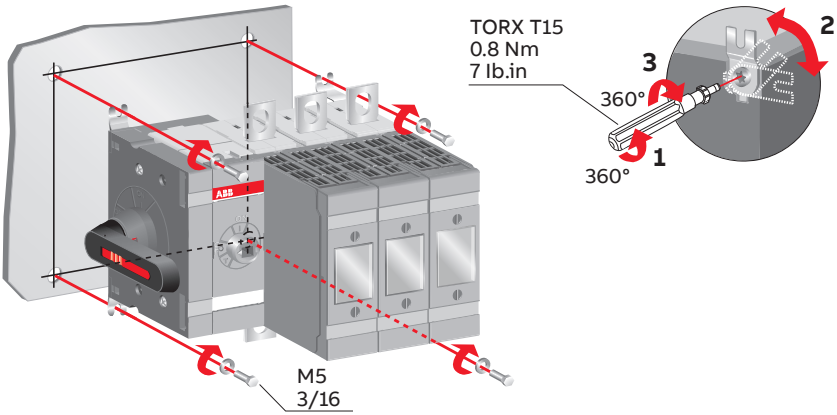
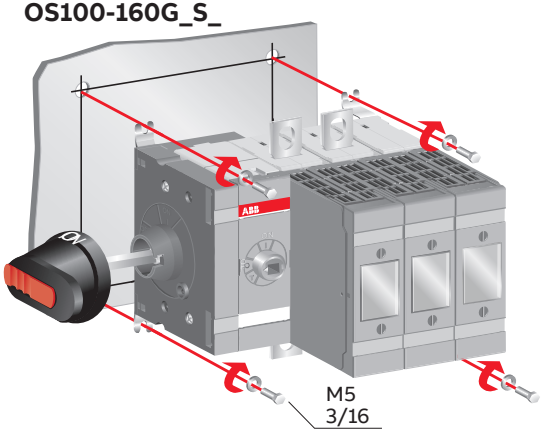
Installation

OS100-160G_S_K

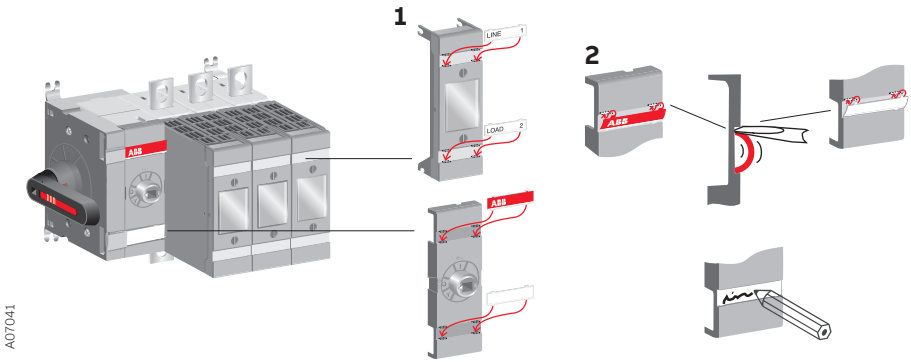


OS100-160G_S_

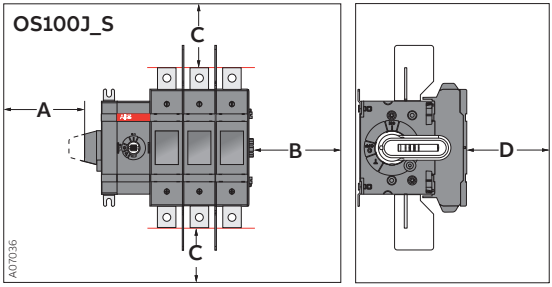


A07035

Label



Clearances per UL98



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

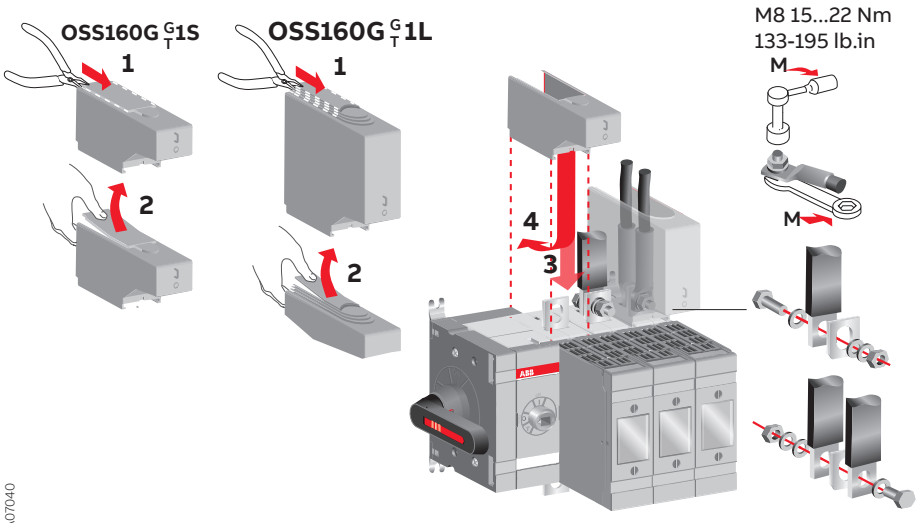
Cable size

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

Minimum enclosure size or equivalent volume

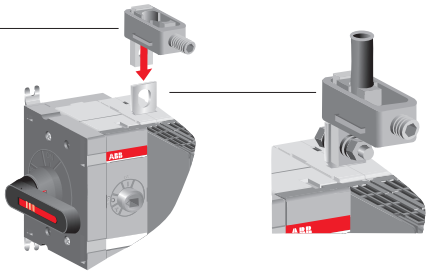
Switch	Height	Width	Depth
OS100GS-160GS	300 mm 12 in	250 mm 14 in	200 mm 8 in

Terminal shrouds
OSS_



A07040

Terminal clamps
OZX_



OS125-160GDS_
OS100-160GBS_
OS125GFS_

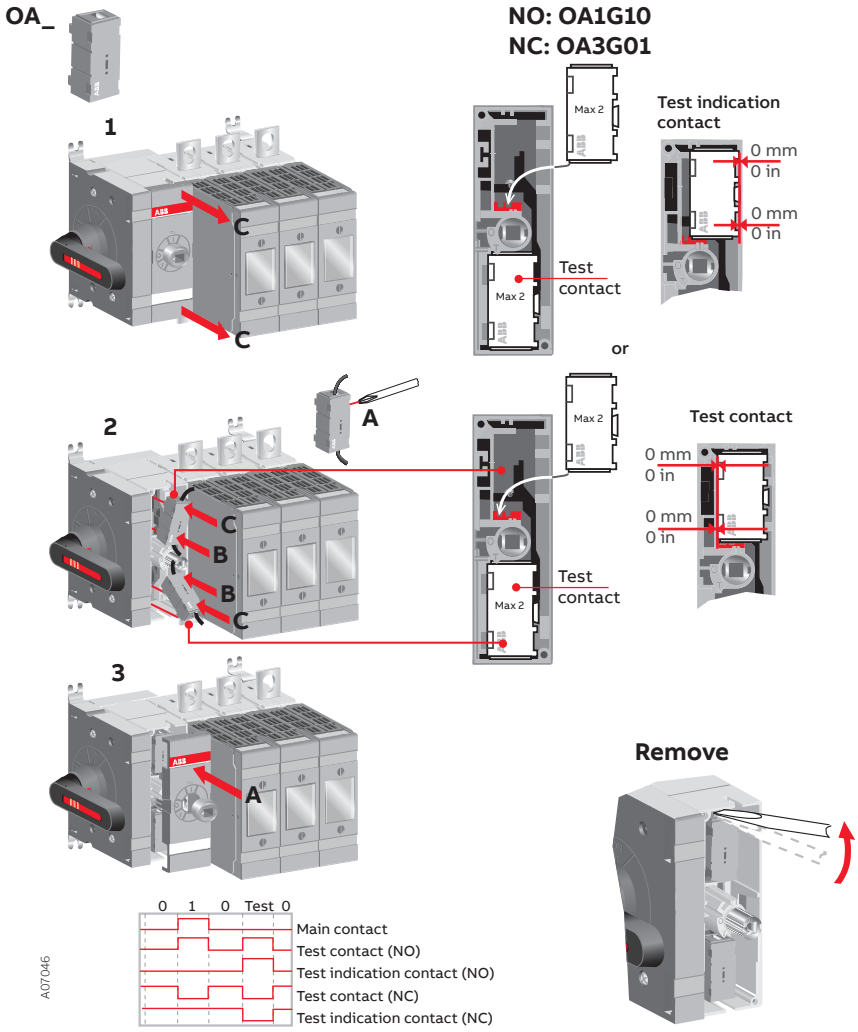
OZXB 1L
OZXB 8
OZXR70
OZXP95

OS100GJS_

OZXA-24

A07039

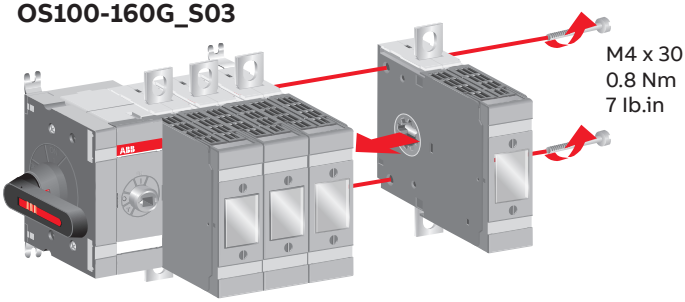
Auxiliary contacts
OA_



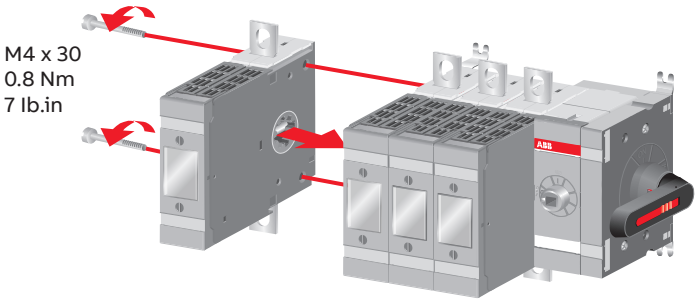
Fourth pole
OSP_

OSP160GN
OSP160GD
OSP160GB

OS100-160G_S03



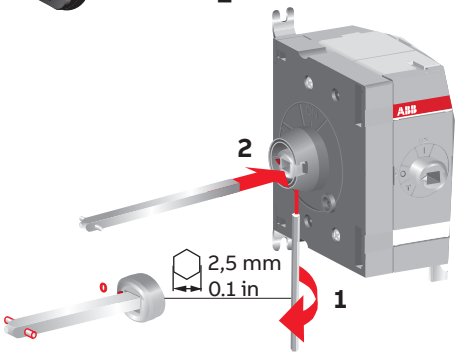
OS100-160G_S30

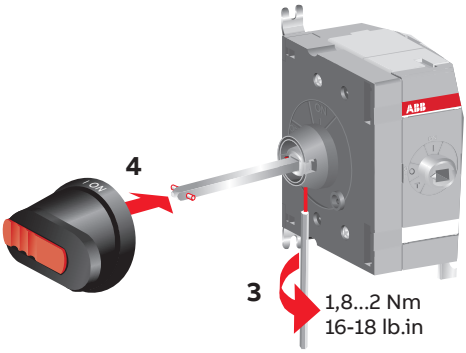


Direct mount handle

OH_65 J L 6_

OXP6X_

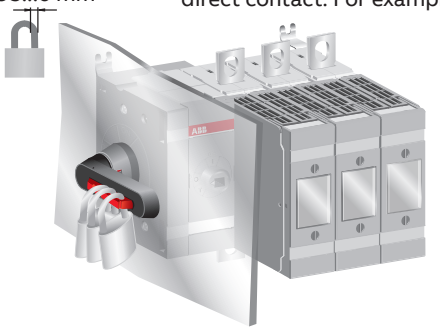




OS100-160G_S_K

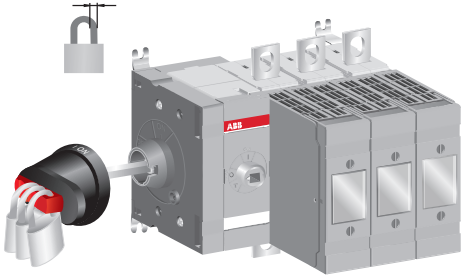
Ø5...6 mm

Note: Use protection against direct contact. For example:



OS100-160G_S_

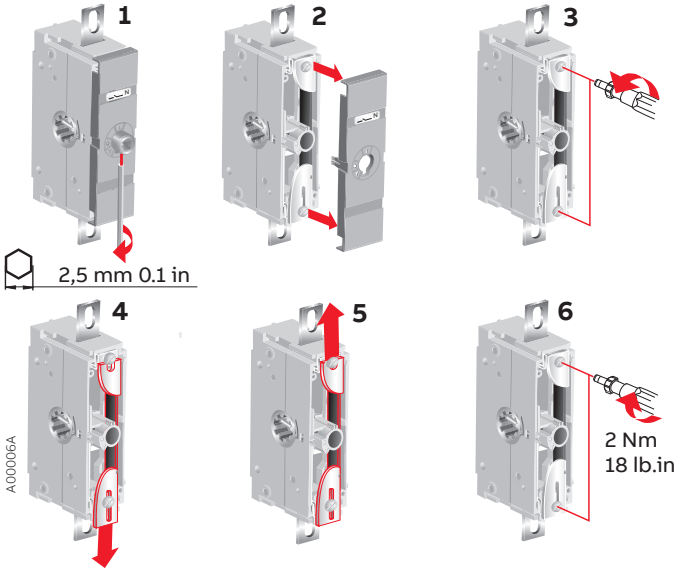
Ø5...10 mm



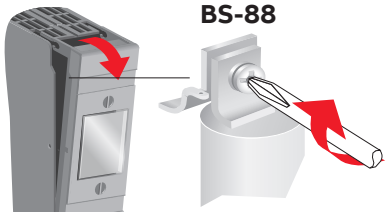
A07038

Neutral link

OS_N3 & OXN250

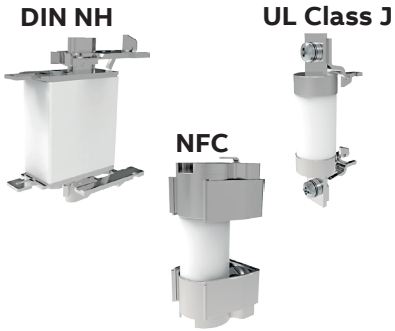


Fuse links



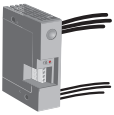
BS-88 and UL Class J
M5: 3,5 Nm, 31 lb.in
M6: 4 Nm, 35 lb.in
M8: 5 Nm, 44 lb.in

A04202

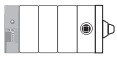


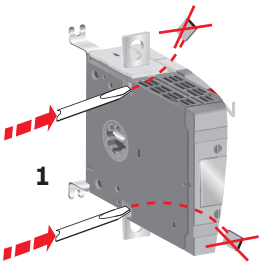
Electronic fuse monitor
OFS_

OFS_

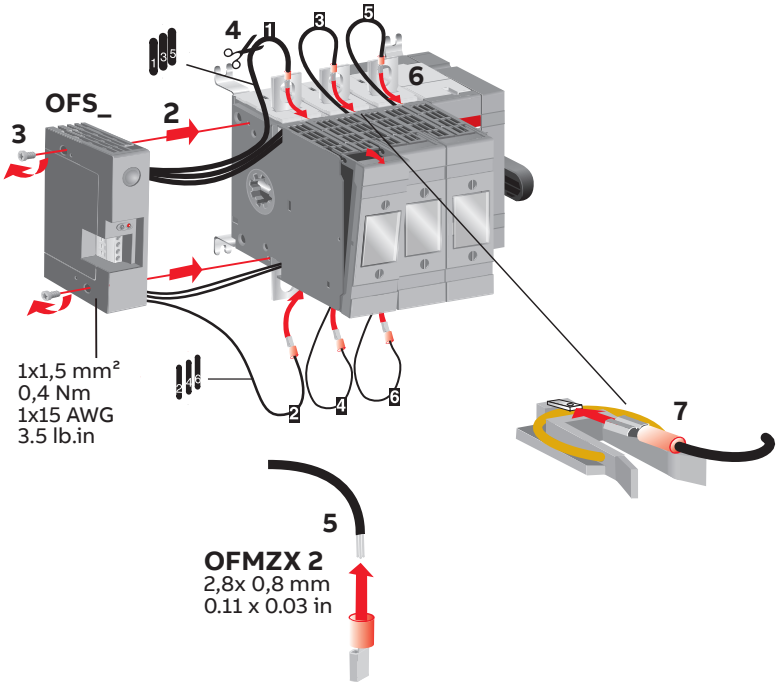


OFS_+OS100G_S_-160G_S_



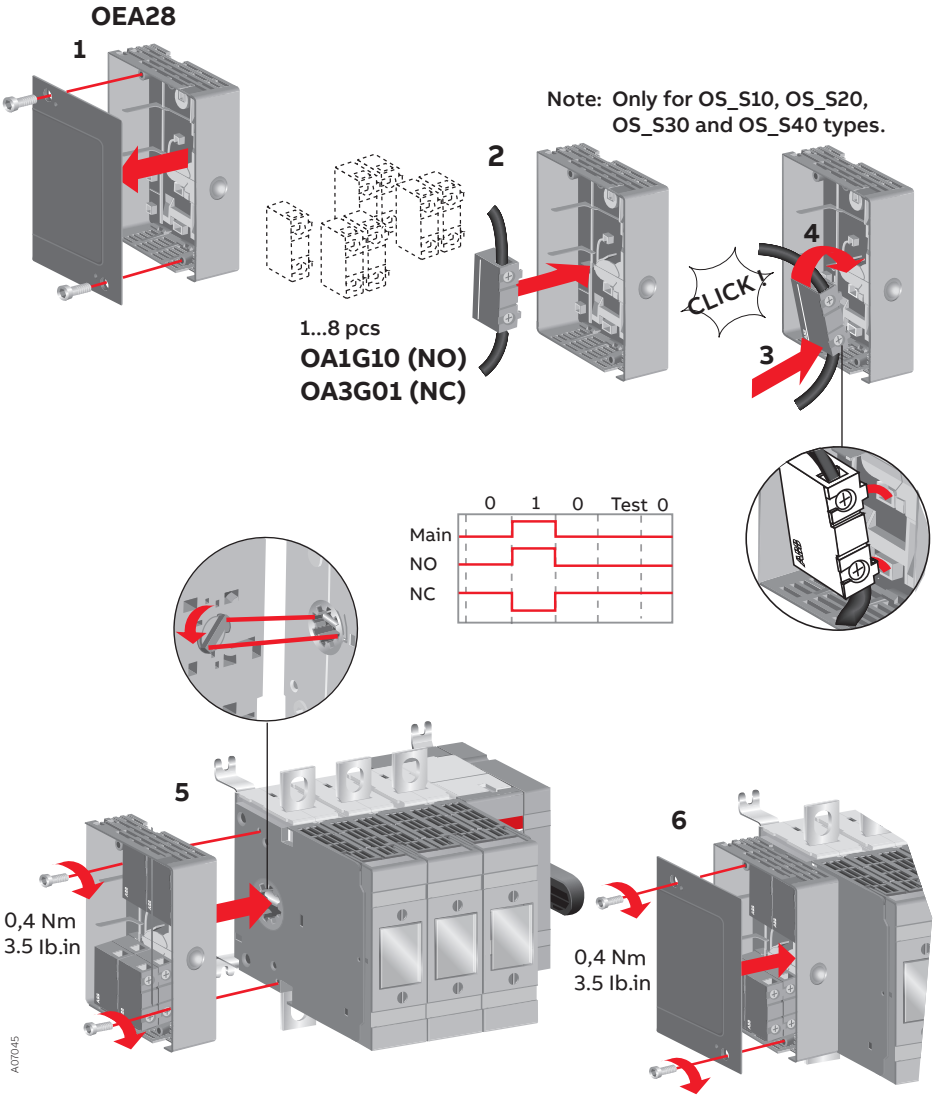


Note: Mounting directly on switch-fuse is possible only on OS_S30 and S40 types



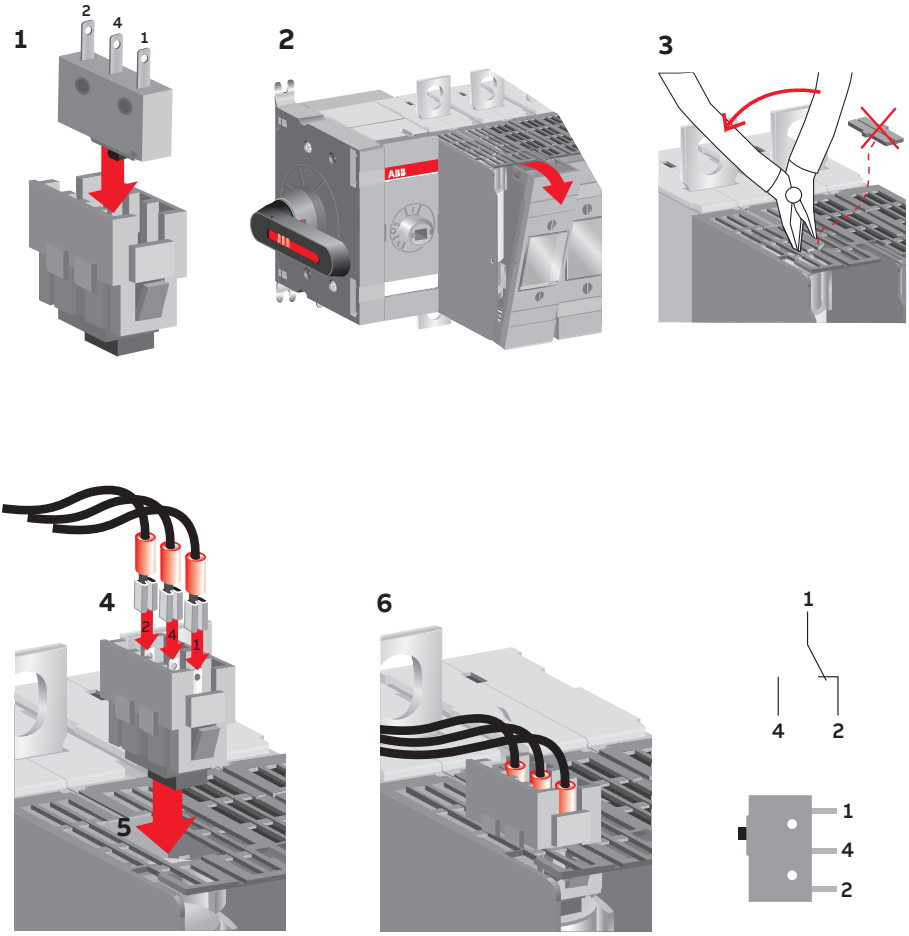
A07043

Module for aux contacts
OEA28_



Blown fuse indicator
DPMM_

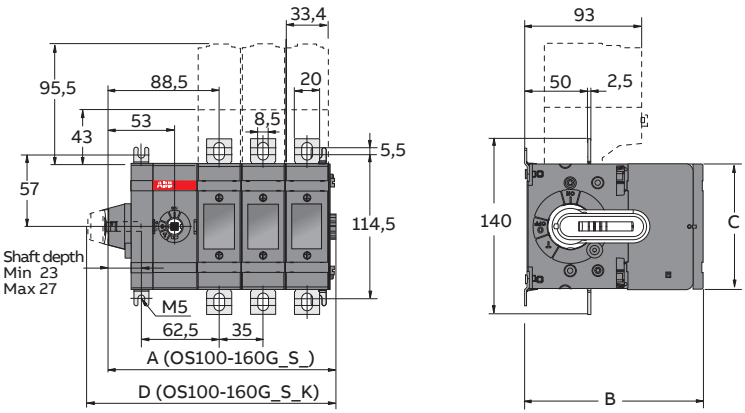
OSGD125P3
OSGD125P4



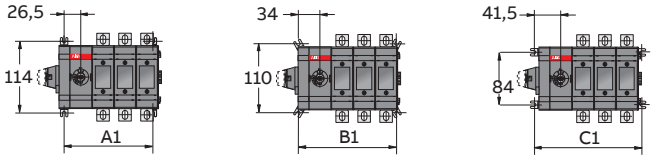
A04277

Dimension drawing
OS100-160G_S01-04

mm

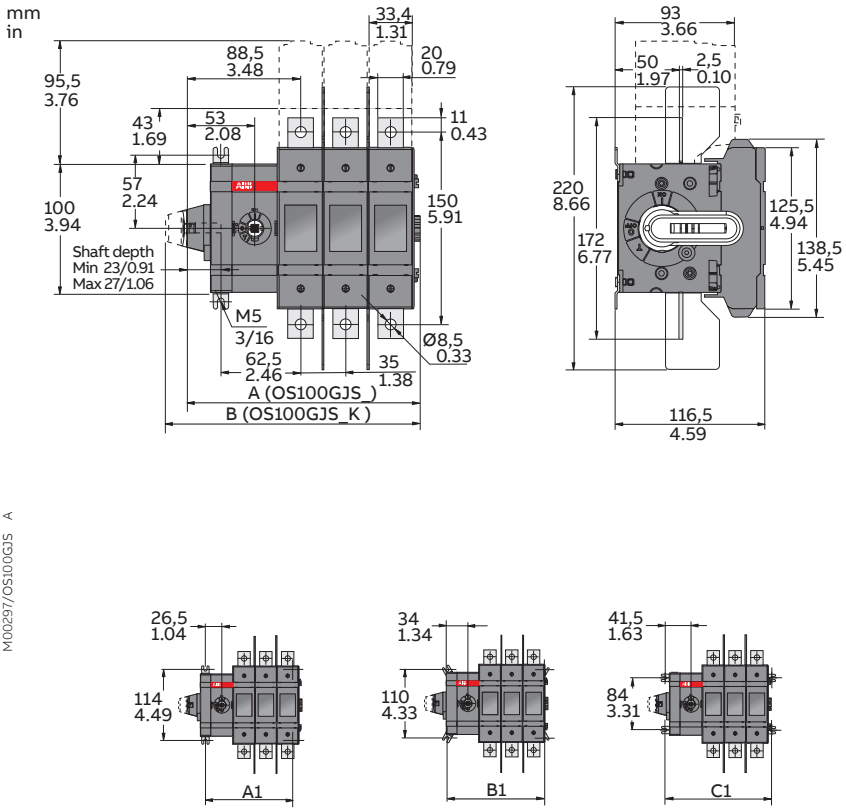


M00298/OS100_160G_S01_04 A



	OS100-160G							
mm	**D/F01**	**D/F02**	**D/F03**	**D/F04**	**B01**	**B02**	**B03**	**B04**
A	111,5	146,5	181,5	216,5	111,5	146,5	181,5	216,5
B	142	142	142	142	126,5	126,5	126,5	126,5
C	100	100	100	100	118	118	118	118
D	128,5	163,5	198,5	233,5	128,5	163,5	198,5	233,5
A1	71,5	106,5	141,5	176,5	71,5	106,5	141,5	176,5
B1	88,5	121,5	156,5	191,5	86,5	121,5	156,5	191,5
C1	101,5	136,5	171,5	206,5	101,5	136,5	171,5	206,5

Dimension drawing
OS100GJS01-04



mm	OS100G_			
in	JS01	JS02	JSF03	JSF04
A	111,5/4.39	146,5/5.77	181,5/7.15	216,5/8.52
B	128,5/5.06	163,5/6.44	198,5/7.91	233,5/919
A1	71,5/2.81	106,5/4.19	141,5/5.57	176,5/6.95
B1	86,5/3.41	121,5/4.78	156,5/6.16	191,5/7.54
C1	101,5/4.00	136,5/5.37	171,5/6.75	206,5/8.13

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 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 Upozorenje! 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 saineolas leictriteicniúil, 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 eletricista especializado.
RO Avertizare! Tensiune periculoasă! Instalarea trebuie efectuată numai de către o persoană cu experienţă 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

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Vaasa, Finland
abb.com/lowvoltage

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34 OS100GS-160GS rev.K / 1SCC311039M0205 # 20.03.2025