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INSTALLATION INSTRUCTION

Switch Disconnectors

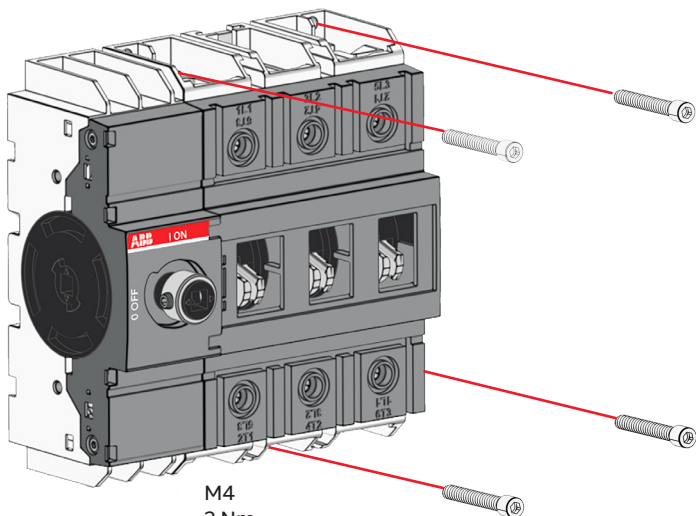
OT160G



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Mounting



M4
2 Nm
17.7 lb.in

Cable terminal

Size and tightening torque of cable:

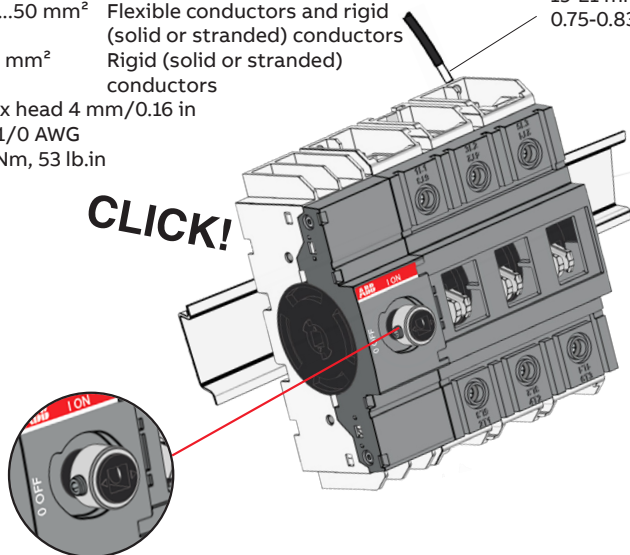
10...50 mm² Flexible conductors and rigid
(solid or stranded) conductors
70 mm² Rigid (solid or stranded)
conductors

hex head 4 mm/0.16 in

8-1/0 AWG

6 Nm, 53 lb.in

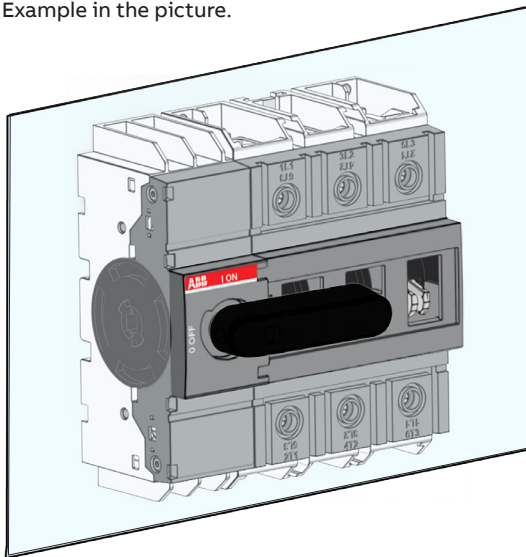
Strip cable
19-21 mm
0.75-0.83 in



Protection against direct contact

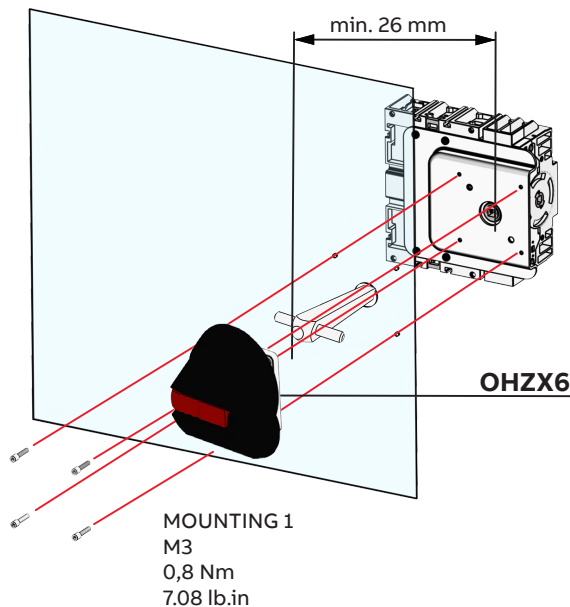
Note: Use protection against direct contact.

Example in the picture.



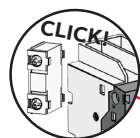
Note: With non isolation protection cover AC-22 415 V 160 A

Protection against direct contact

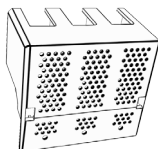


OT160G03_04

OT160GT30_40, OT160G30_40

OT160G03_04

1...2 pcs
OA1G01

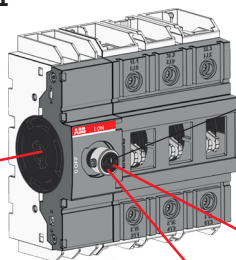
**OTS160G1L_**

Push shaft
to bottom

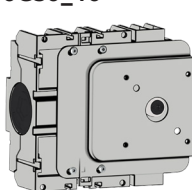
Max. 1,8-2 Nm
8.9-17.7 lb.in

OHB65J6

1...2 pcs
OA1G10

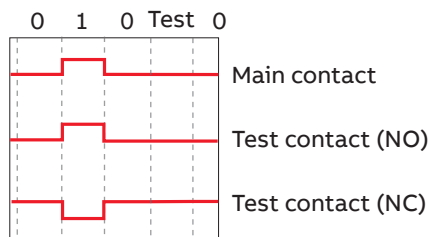
**YAST1****OSP6X210****OHBS16****OT160GT30_40**
OT160G30_40

1...2 pcs
OA1G10



1...2 pcs
OA1G01

Auxiliary contact



Clearances per UL98

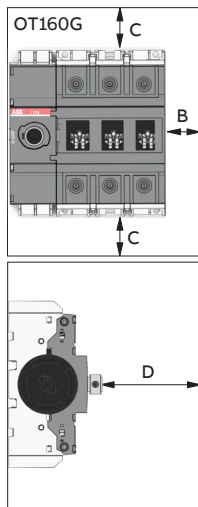
Minimum enclosure size or equivalent volume

Height	Width	Depth
400 mm	600 mm	230 mm
15.76 in	23.64 in	9.06 in

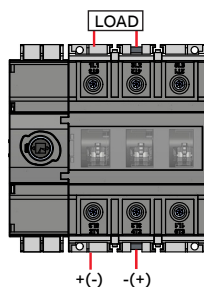
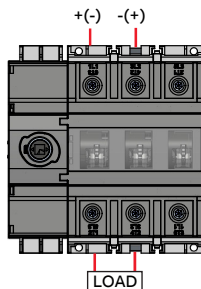
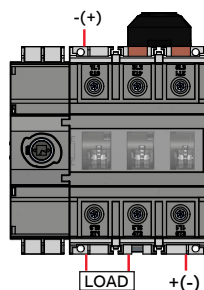
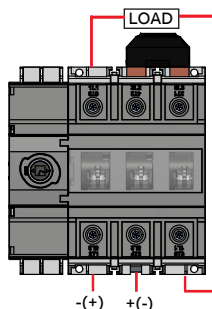
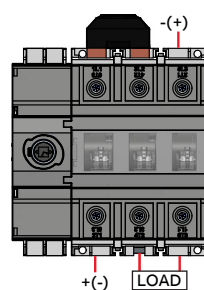
A	B	D
0	25 mm / 0.98 in	52 mm / 2.05 in

Cable size

AWG	C
2-8	51 mm 2.01 in

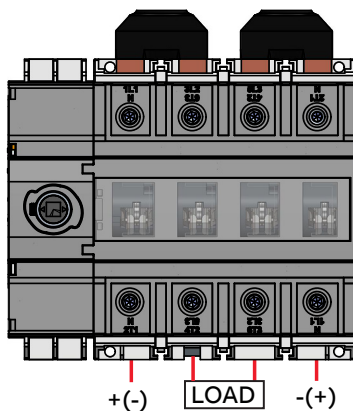


Circuits

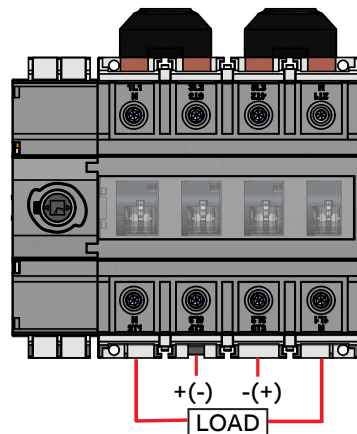
Circuit: 2a**Circuit: 2b****Circuit: 5a****Circuit: 5b****Circuit: 5e**

Circuits

Circuit: 6a



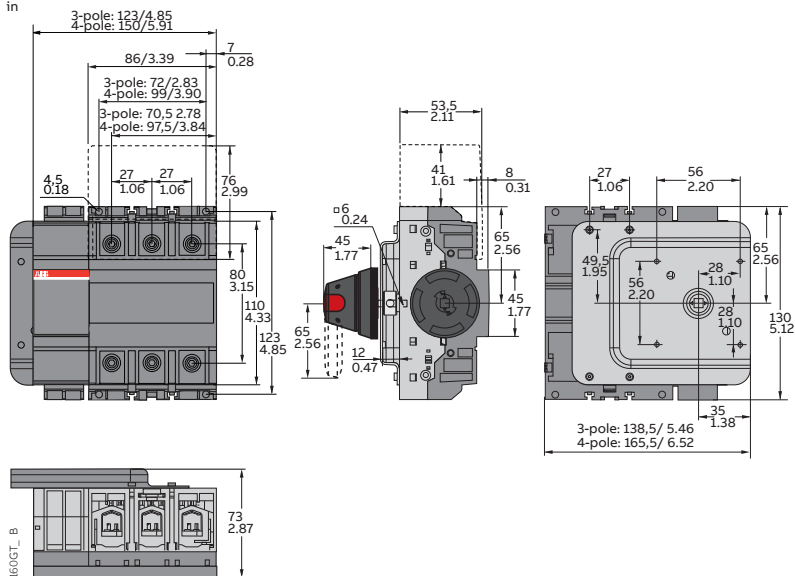
Circuit: 6a



DC-ratings & Circuits	Rated operational voltage [V]	Circuits	Rated operational current [A]/poles in series
DC-21A	≤ 220	2A, 2B	160A/2
DC-22A	≤ 440	5A, 5B, 5C	125A/3
DC-23A	≤ 680	6A, 6B	125A/4

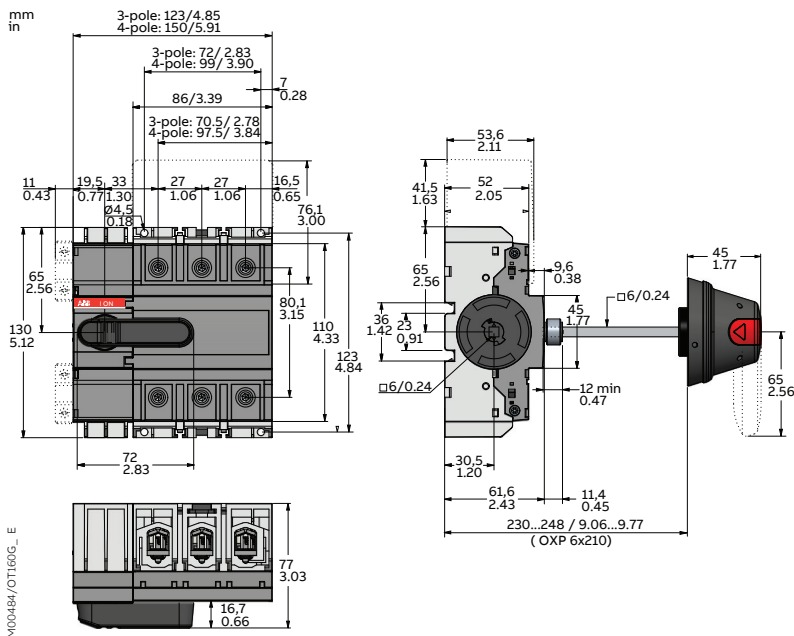
Dimension drawings

Door mounting OT160GT

mm
in

Dimension drawings

Base mounting OT160G_





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 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	Figyelemzetétel! Veszélyes feszültség! Csak elektrotechnikai tapasztalattal rendelkező szakember helyezheti üzembe.
IE	Rabhadh! Voltas guaiseach! 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.
LV	Dēmesiol! Pavojiinga jampai! Dirbti leidžiama tik elektrotechniko patirties turintiems asmenims.
LT	Uzmanibu! Bistami - elektrība! Montāžas darbus drīkst veikt tikai personas, kurām ir atbilstošas elektrotehnikās 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

Muottitie 2A, 65320

Vaasa, Finland

abb.com/lowvoltage