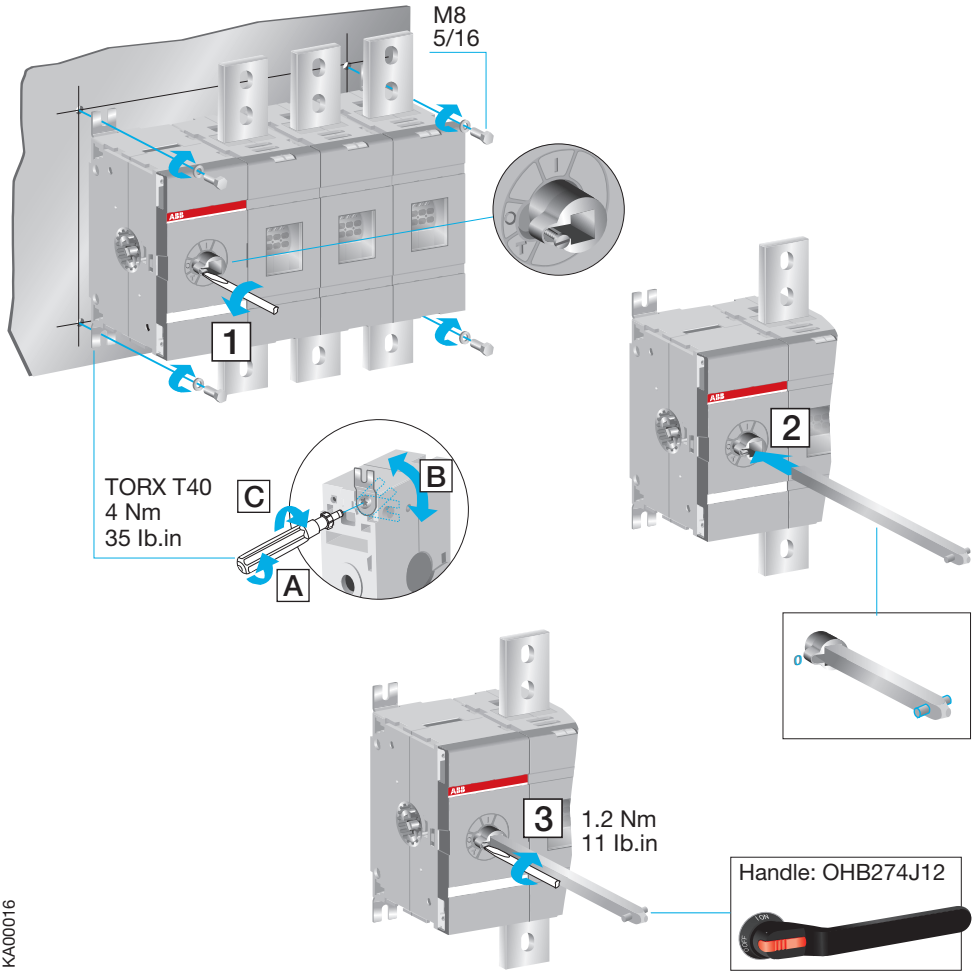
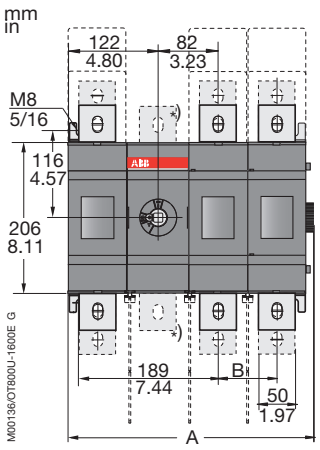
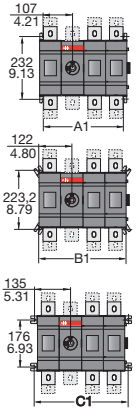
OT1000-1600
Installation instruction

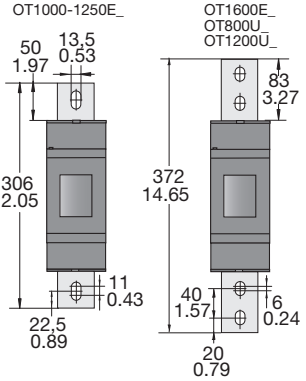
1

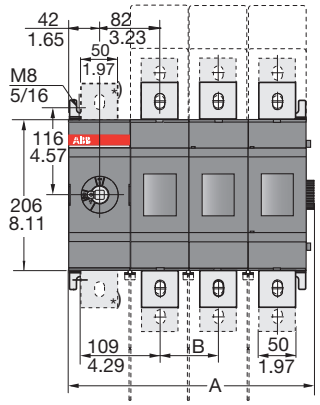
OT800-1600



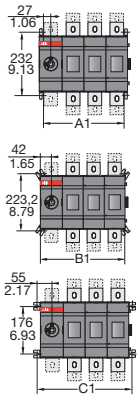


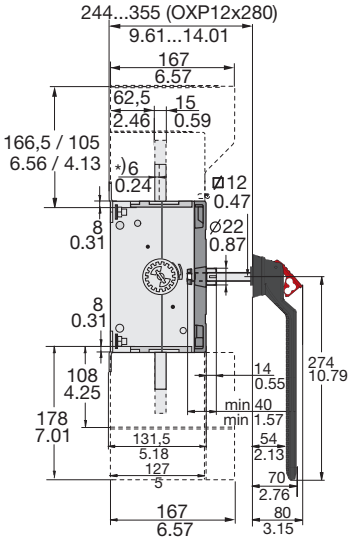






*) N3 types

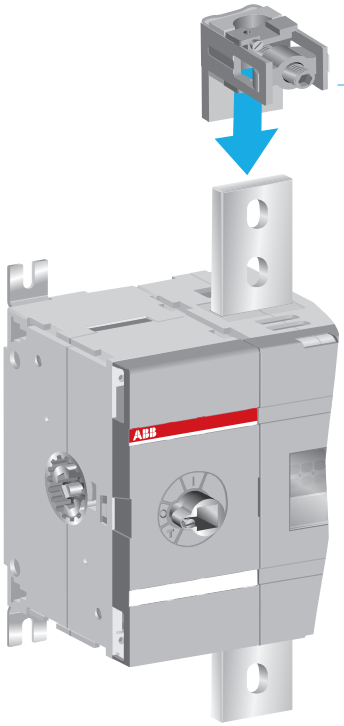




		OT 1000/ 1250/ 1600E_ OT 800/ 1200U_											
		01	02	03	04	11	12	13	22	03W4	04W4	03W8	04W8
A	mm in	174,50 6.87	254,50 10.02	334,50 13.17	414,50 16.32	254,50 10.02	334,50 13.17	414,50 16.32	414,50 16.32	454,50 17.89	594,50 23.41	544,50 21.44	729,50 28.72
B	mm in		80 3.15	80 3.15	80 3.15		80 3.15	80 3.15	80 3.15	140 5.51	140 5.51	185 7.28	185 7.28
A1	mm in	134 5.28	214 8.43	294 11.57	374 14.72	214 8.43	294 11.57	374 14.72	374 14.72	414 16.30	554 21.81	504 19.84	689 27.13
B1	mm in	164 6.46	244 9.61	324 12.76	404 15.91	244 9.61	324 12.76	404 15.91	404 15.91	444 17.48	584 22.99	534 21.02	719 28.31
C1	mm in	190 7.48	270 10.63	350 13.78	430 16.93	270 10.63	350 13.78	430 16.93	430 16.93	470 18.50	610 24.02	560 22.05	745 29.33

3

OZX_



KA00019

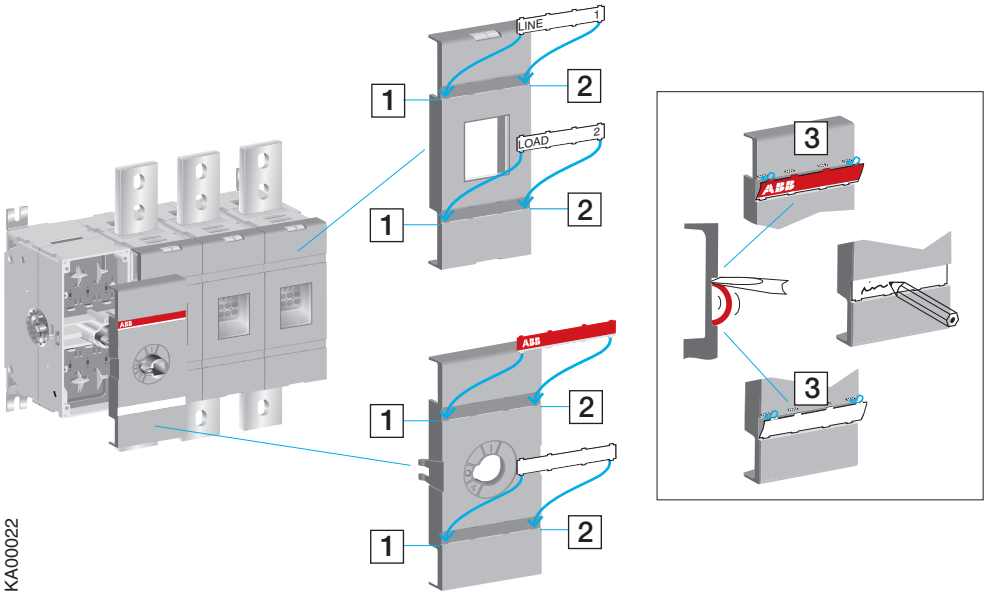
OT1000-1600
OZXB3
OZXB4
OZXB5
OZXB6
OZXB7L

OT800U_
OZXA800
OZXA806

OT1200U_
OZXA1200
OZXA1206

4

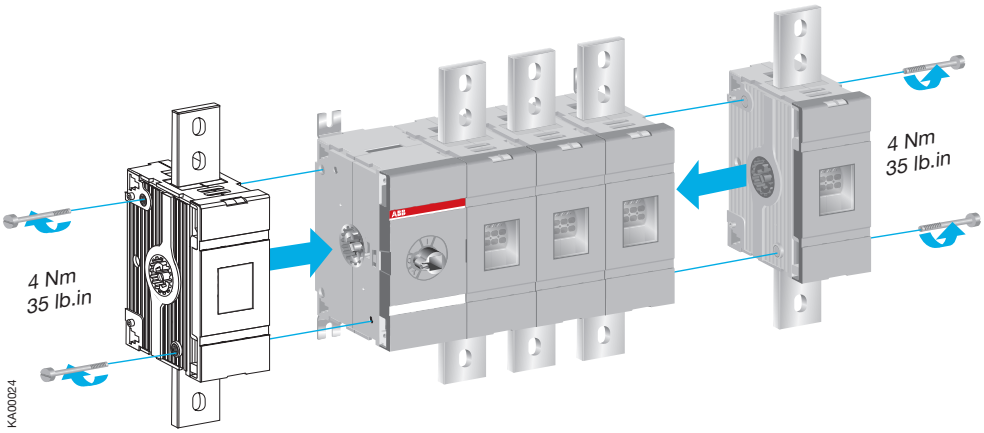
Label



KA00022

5

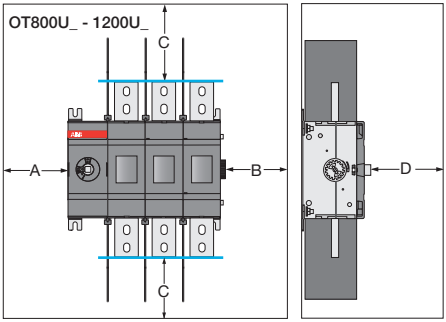
OTZ1600E



Clearances per UL98

Minimum enclosure size or equivalent volume

Current	800 A	1200 A
Height mm/in	1220/48	700/27.5
Width mm/in	610/24	900/35.4
Depth mm/in	305/12	400/15.7



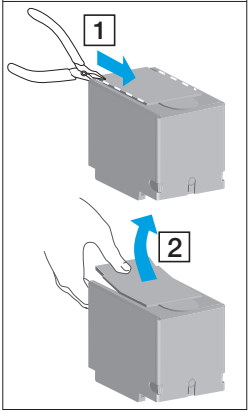
A	0
B	13 mm/0.5 in
D	36 mm/1.4 in

Cable size	
AWG	C
2	100 mm/4 in
1	100 mm/4 in
1/0	125 mm/5 in
2/0	150 mm/6 in
3/0 - 4/0	175 mm/7 in

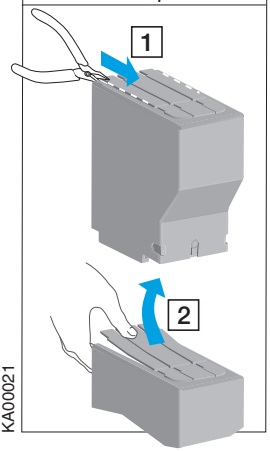
Cable size	
MCM	C
250	200 mm/8 in
300	250 mm/10 in
350	300 mm/12 in
400	330 mm/13 in
500	356 mm/14 in
600	381 mm/15 in

OTS_

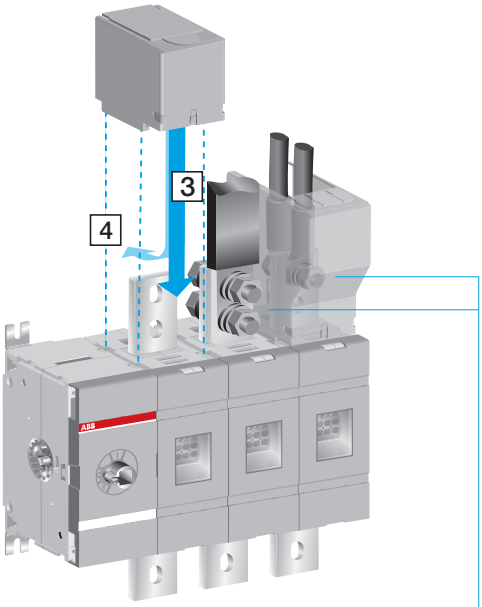
OTS1600$^{G}_{T}$1S

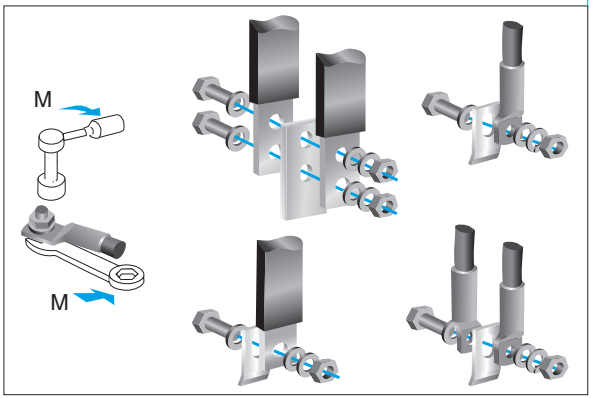


OTS1600$^{G}_{T}$1L



KA00021



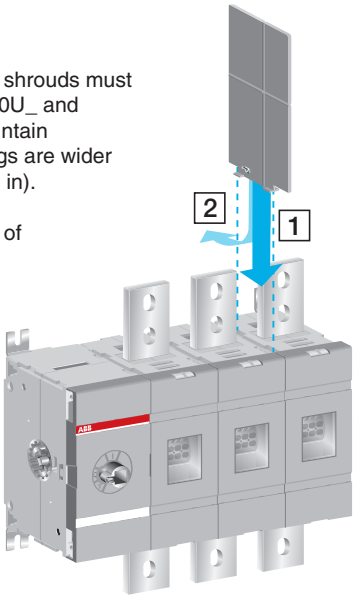


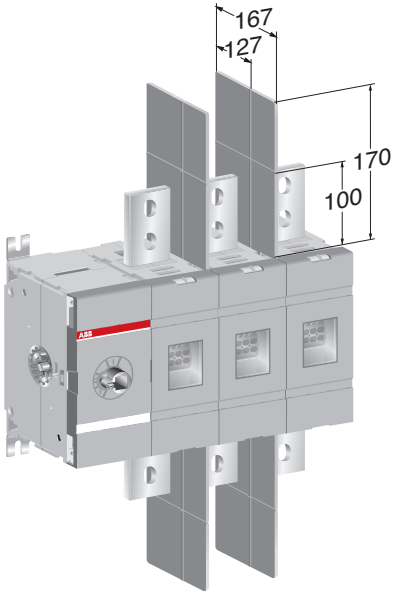
M12	50...75 Nm	443-664 lb.in

OTB_

Barriers 68912 or shrouds must be used on OT800U_ and OT1200U_ to maintain 1″ clearance, if lugs are wider than 54 mm (2.13 in).

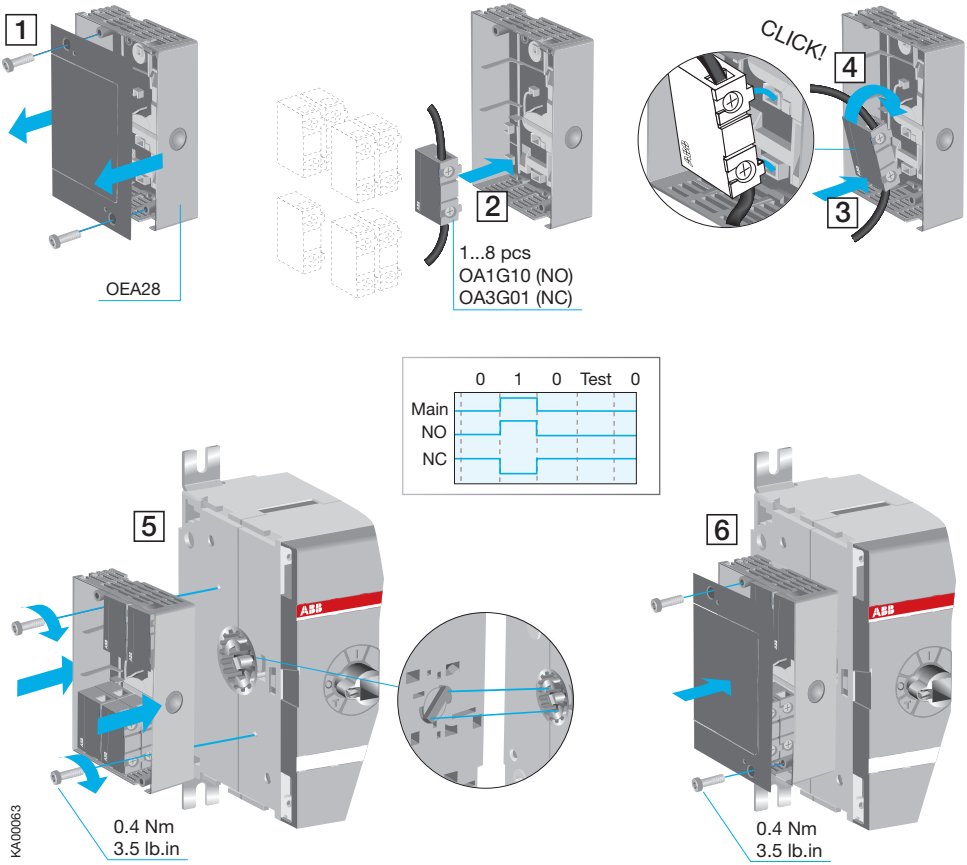
Type for package of 6 barriers is OTB1600/6.



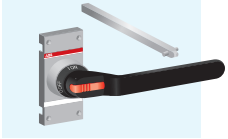


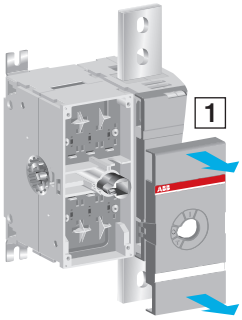
KA000020

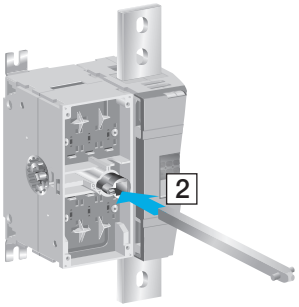
OEA28

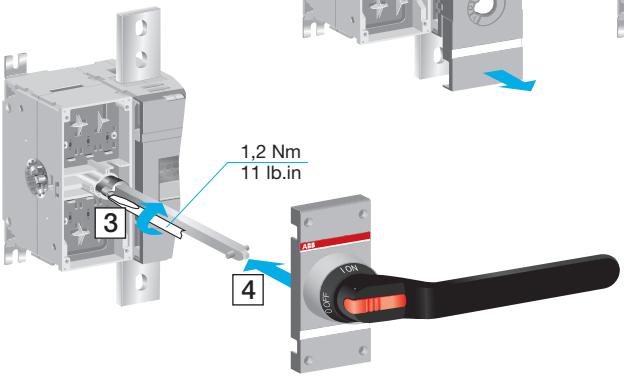

1
OEA28
2
1...8 pcs
OA1G10 (NO)
OA3G01 (NC)
CLICK!
4
3
0 1 0 Test 0
Main
NO
NC
5
0.4 Nm
3.5 lb.in
6
0.4 Nm
3.5 lb.in
KA00063

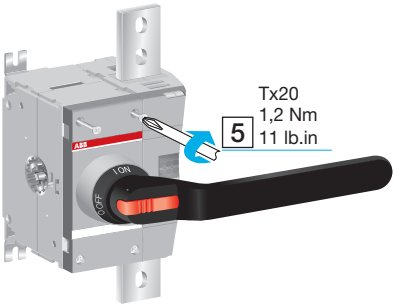
OTV1000EK

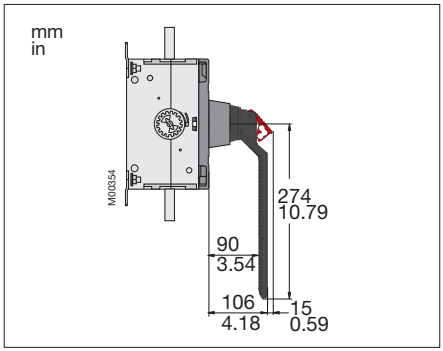






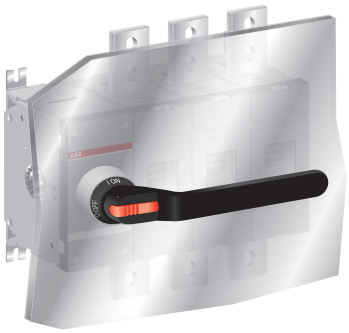




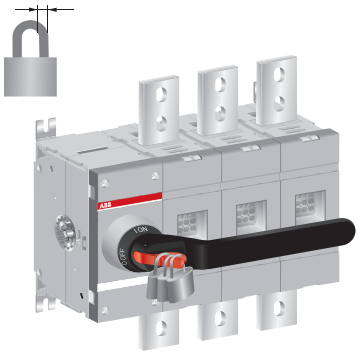


KA00017

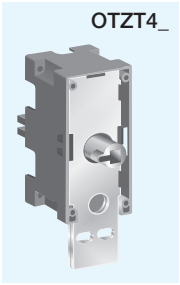
Note: Use protection against direct contact. For example:

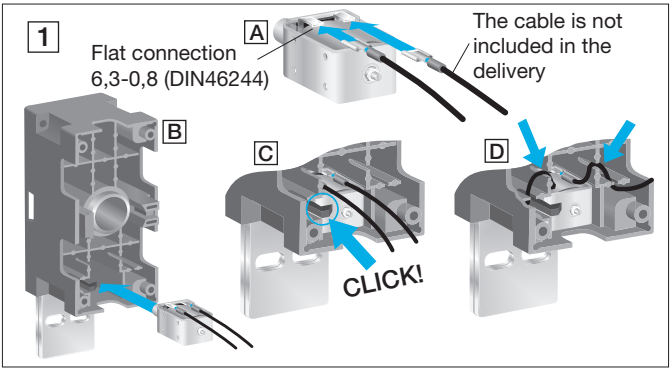


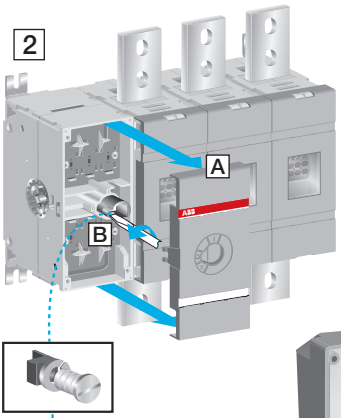
Ø5...Ø10 mm

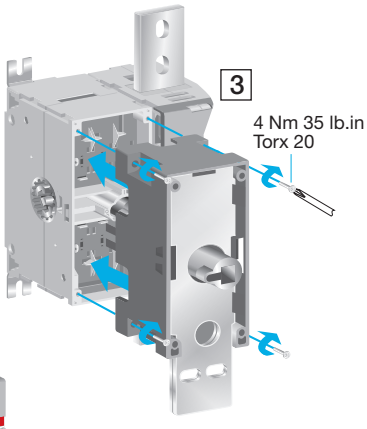


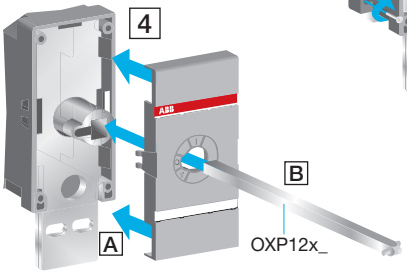
OTZT4

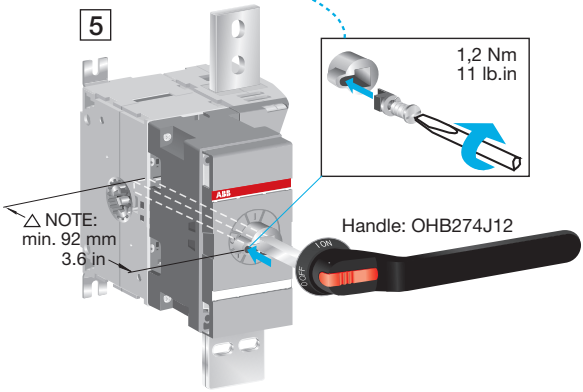

OTZT4_

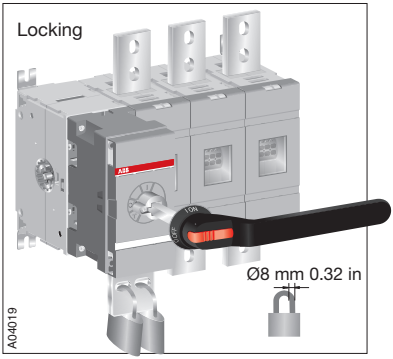

1
Flat connection
6,3-0,8 (DIN46244)
A
The cable is not
included in the
delivery
B
C
D
CLICK!


2
A
B

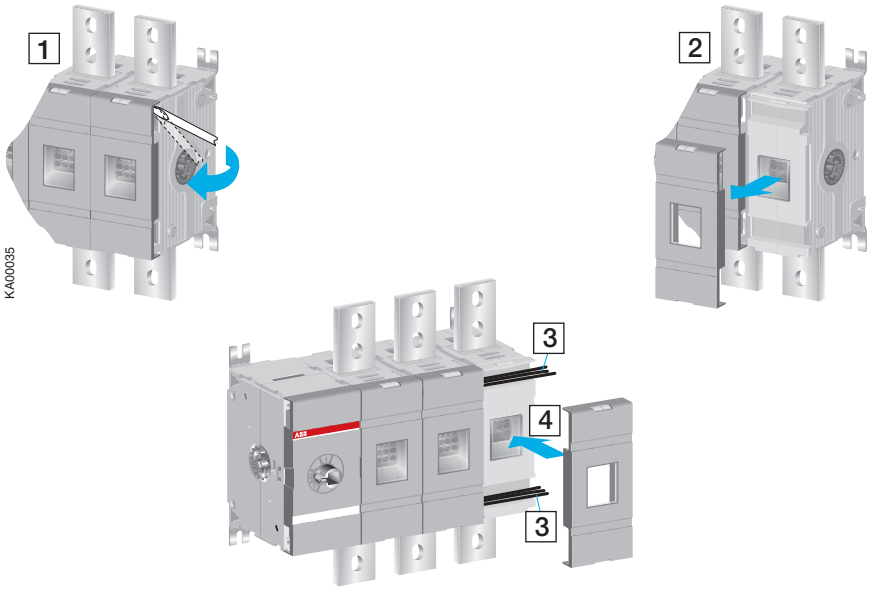

3
4 Nm 35 lb.in
Torx 20


4
B
A
OXP12x_

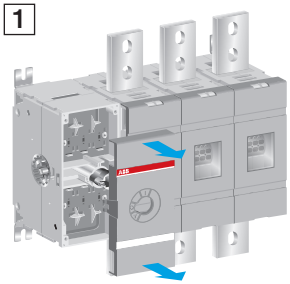

5
1,2 Nm
11 lb.in
△ NOTE:
min. 92 mm
3.6 in
Handle: OHB274J12
ON
OFF

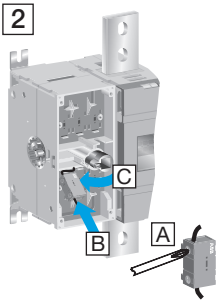

Locking
Ø8 mm 0.32 in
A04019

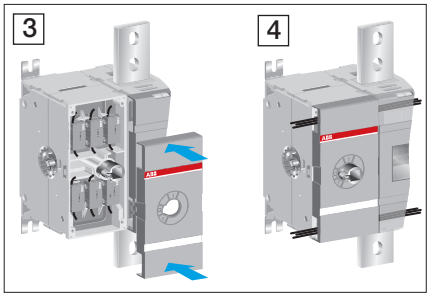
OA_

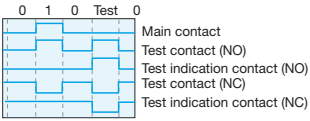


OA_

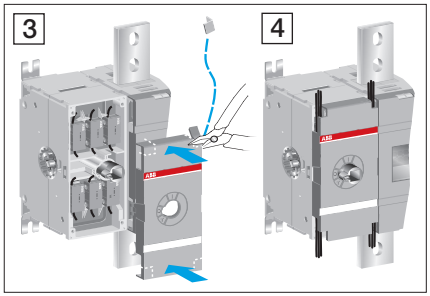

1

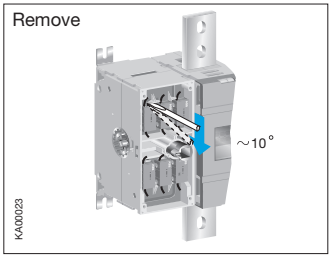

2
C
B
A

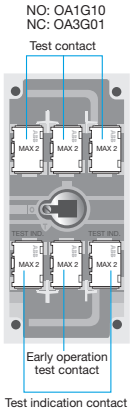

3
4


0 1 0 Test 0
Main contact
Test contact (NO)
Test indication contact (NO)
Test contact (NC)
Test indication contact (NC)

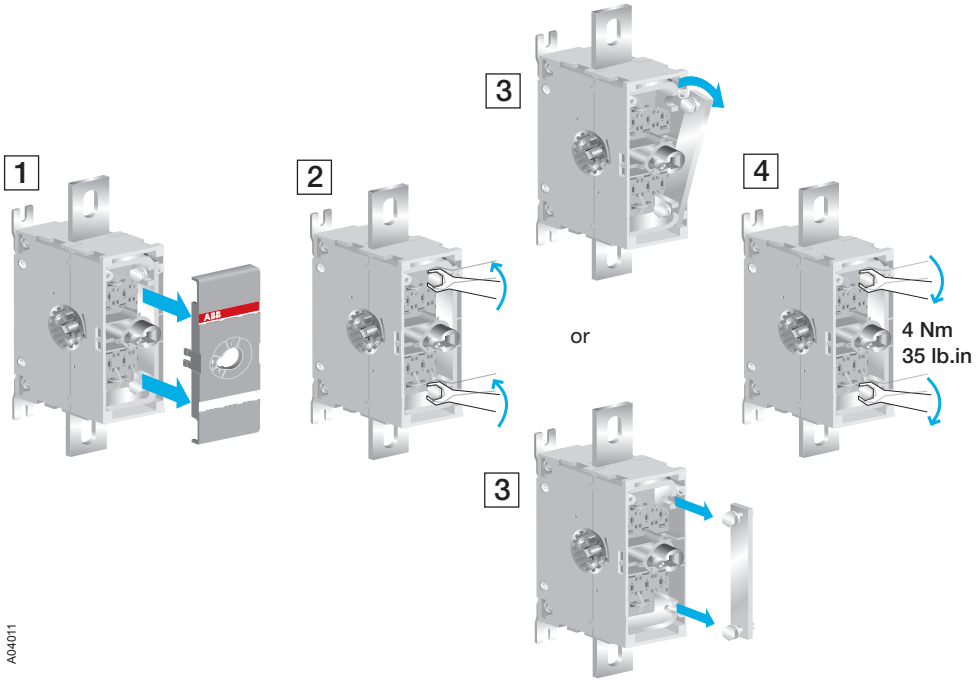
or


3
4


Remove
~10°
KA00023


NO: OA1G10
NC: OA3G01
Test contact
MAX 2
TEST IND.
Early operation test contact
Test indication contact

OT_N3 & OXN1250T



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 εξειδικευμένους ηλεκτροτεχνικούς.
PT Aviso! Tensão perigosa! A instalação só deve ser realizada por um eletricista 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 experienţă 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 leictriteicniúil, 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 Hoiatus! Ohtlik pinge. Paigaldada võib ainult elektrotehnika-alane ekspert.
LV Uzmanību! Bīstami - elektrība! Montāžas darbus drīkst veikt tikai personas, kurām ir atbilstošas elektrotehniskās 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 Dėmesio! 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.

Protected by ABB Oy, Protection and Connection, Vaasa, Finland

For more information please contact:

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