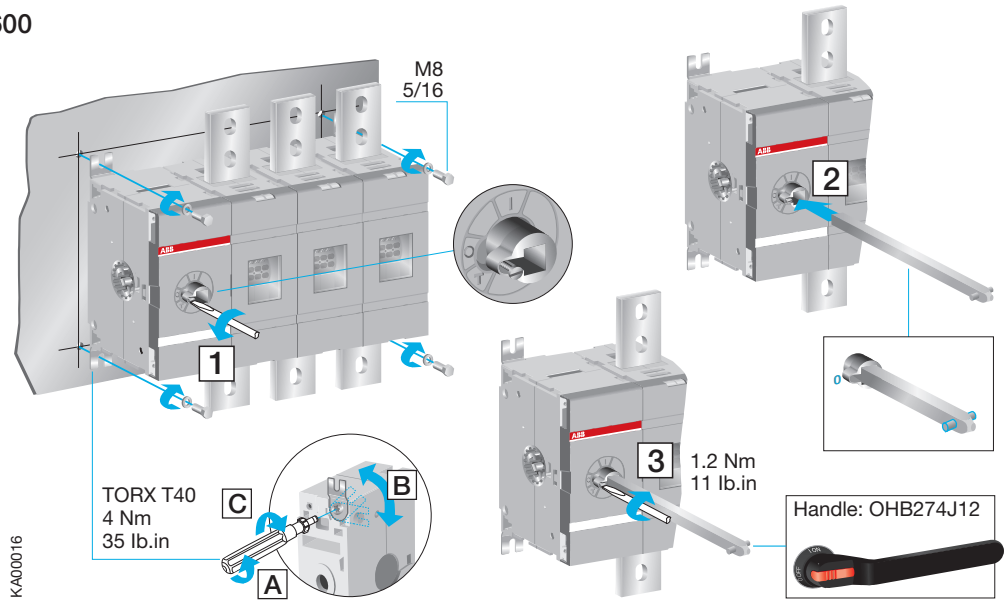
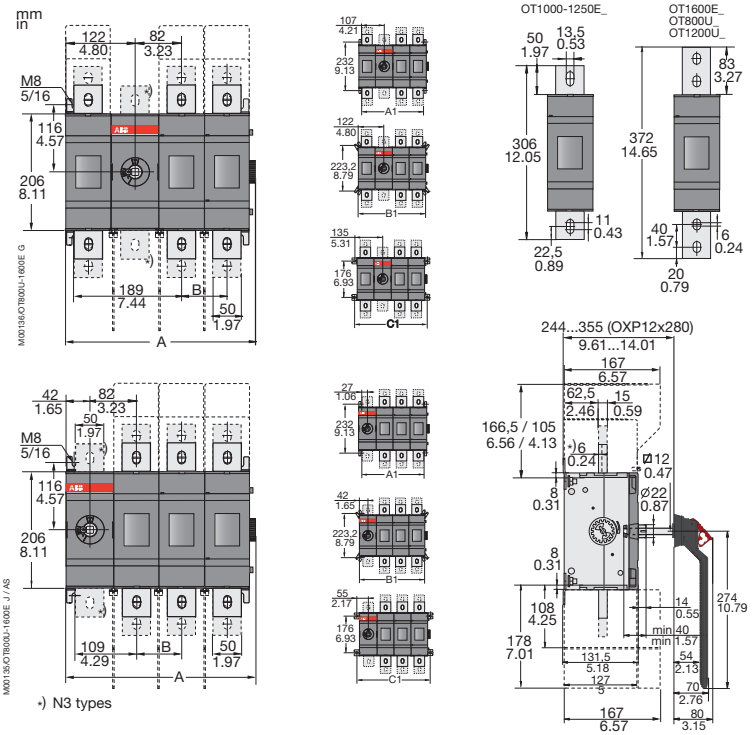
OT1000-1600
Installation instruction

1

OT800-1600

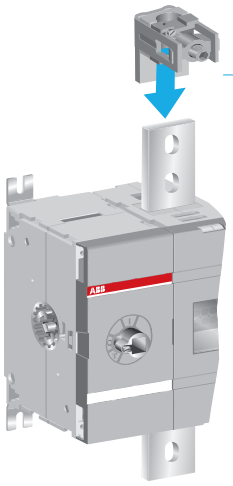




		OT 1000/ 1250/ 1600E_ OT 800/ 1200U_											
		01	02	03	04	11	12	13	22	03W4	04W4	03W8	04W8
A	mm	174,50	254,50	334,50	414,50	254,50	334,50	414,50	414,50	454,50	594,50	544,50	729,50
	in	6.87	10.02	13.17	16.32	10.02	13.17	16.32	16.32	17.89	23.41	21.44	28.72
B	mm		80	80	80		80	80	80	140	140	185	185
	in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

2

OZX_



OT1000-1600
OZXB3 OZXB4 OZXB5 OZXB6 OZXB7L

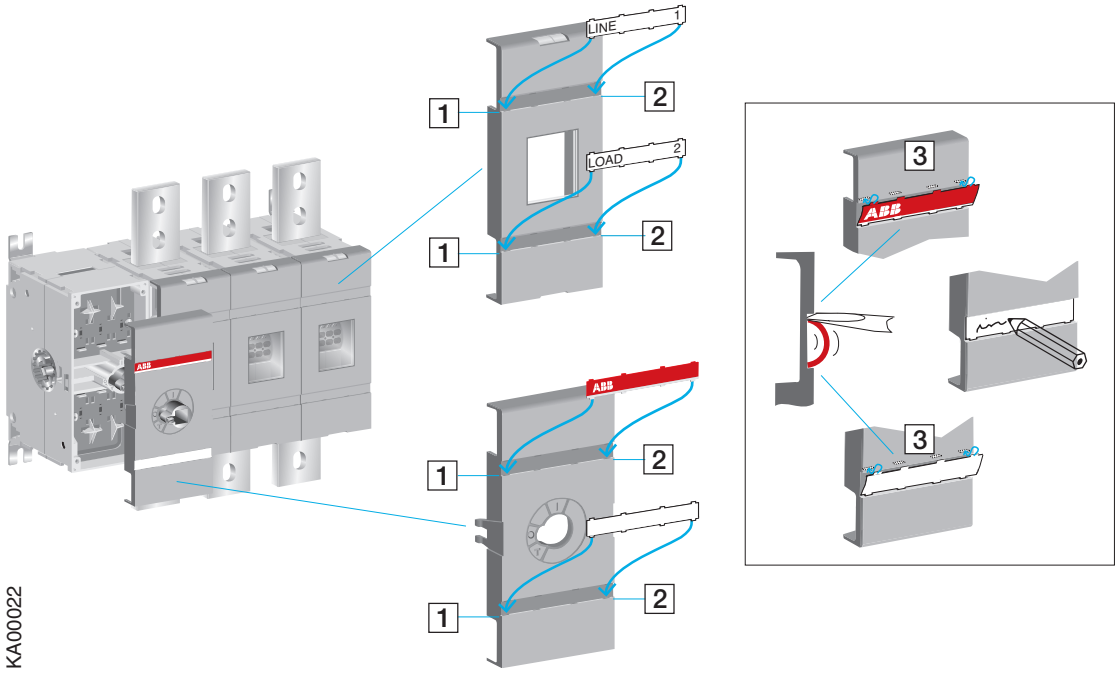
OT800U_
OZXA800 OZXA806

OT1200U_
OZXA1200 OZXA1206

KA00019

3

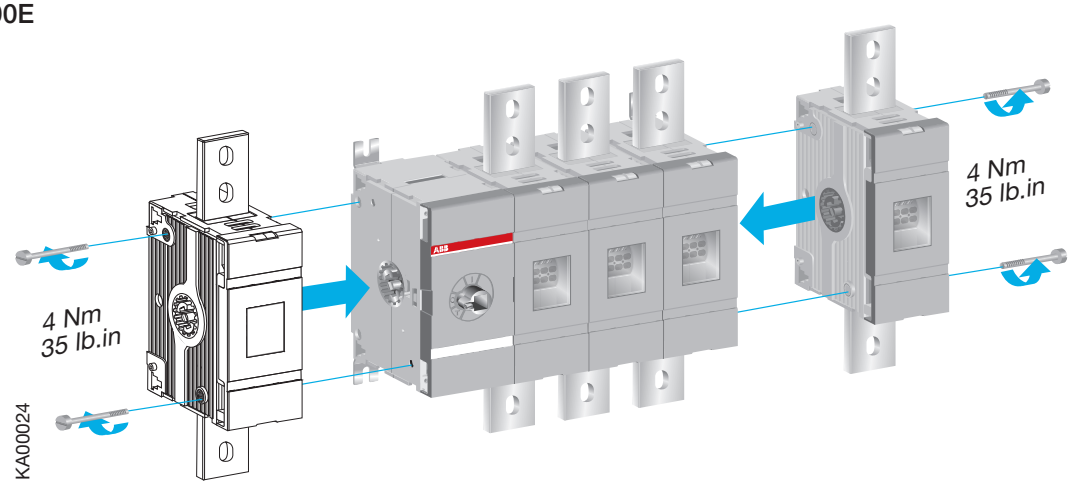
Label



KA00022

4

OTZ1600E

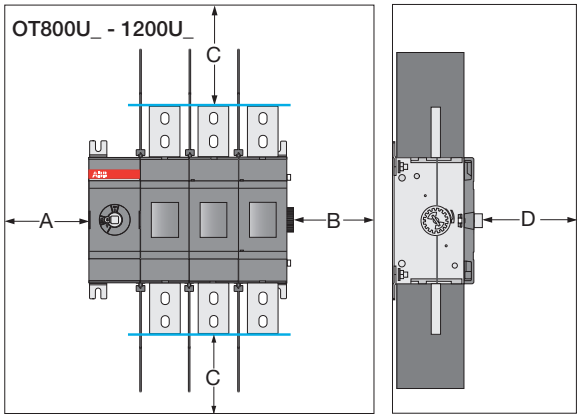


KA00024

5 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

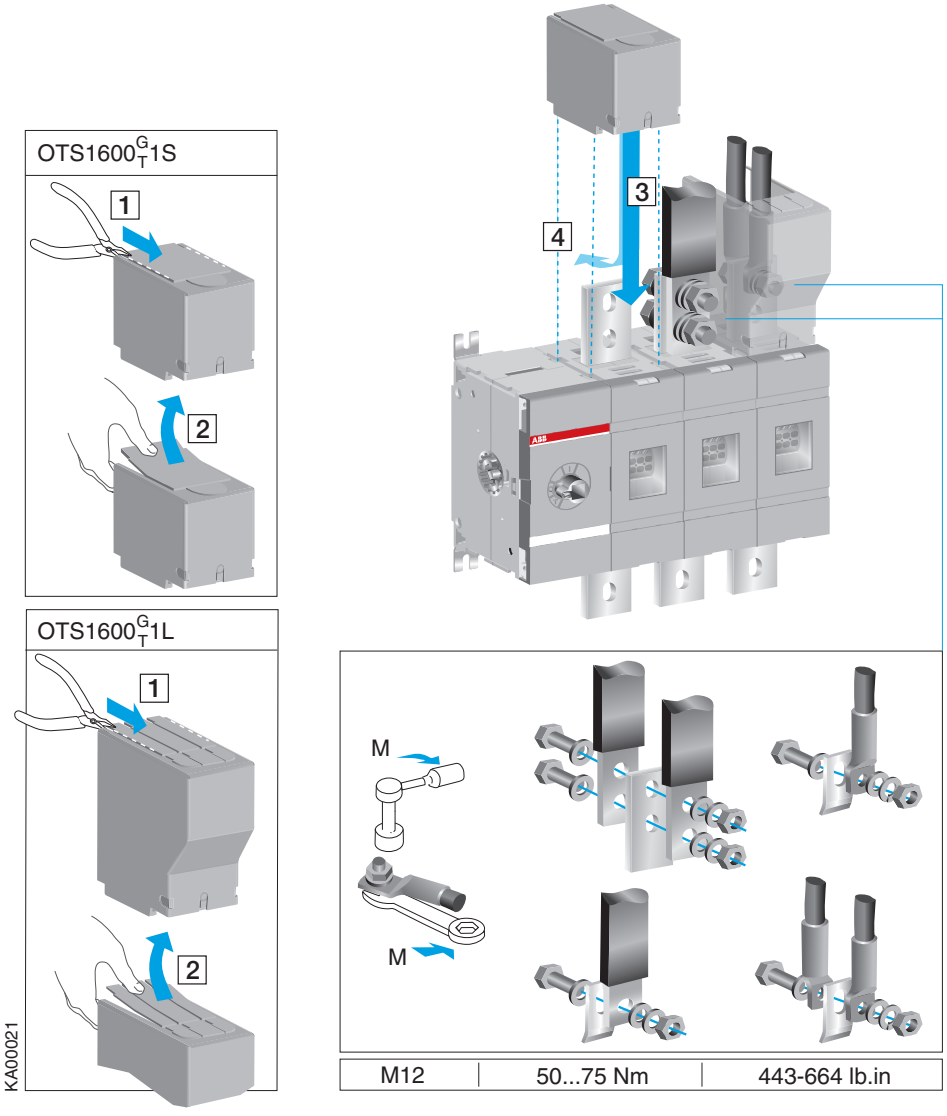


A	0
B	13 mm/0.5 in
D	36 mm/1.4 in

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

6 OTS_

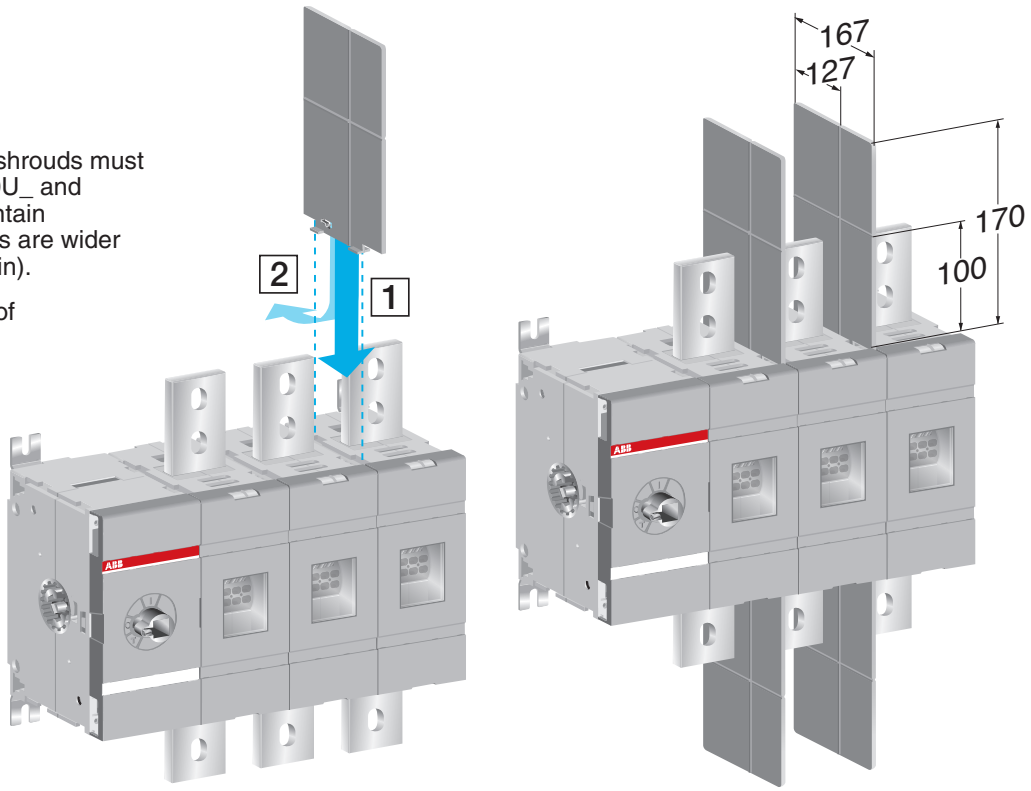


7

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).

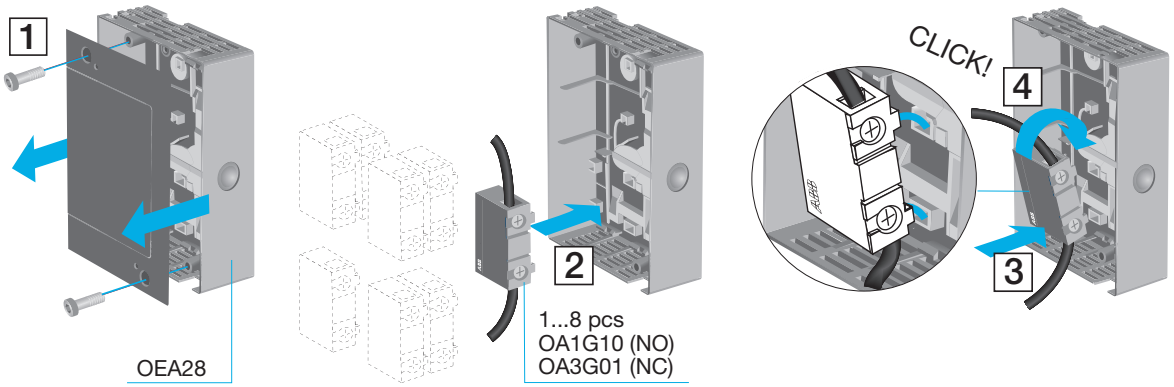
Type for package of 6 barriers is OTB1600/6.

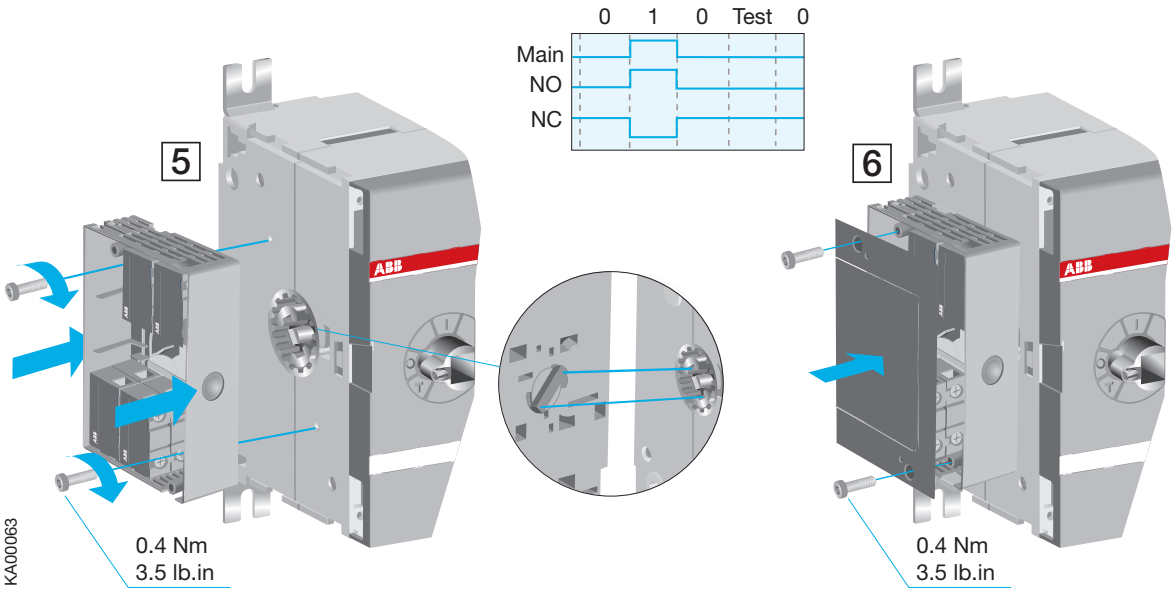


KA00020

8

OEA28

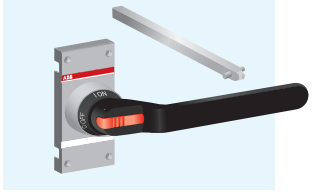


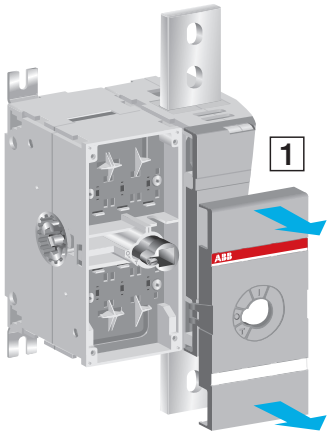


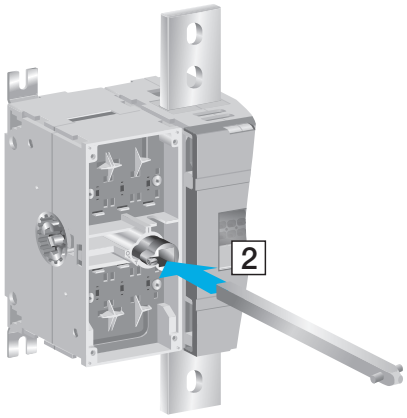
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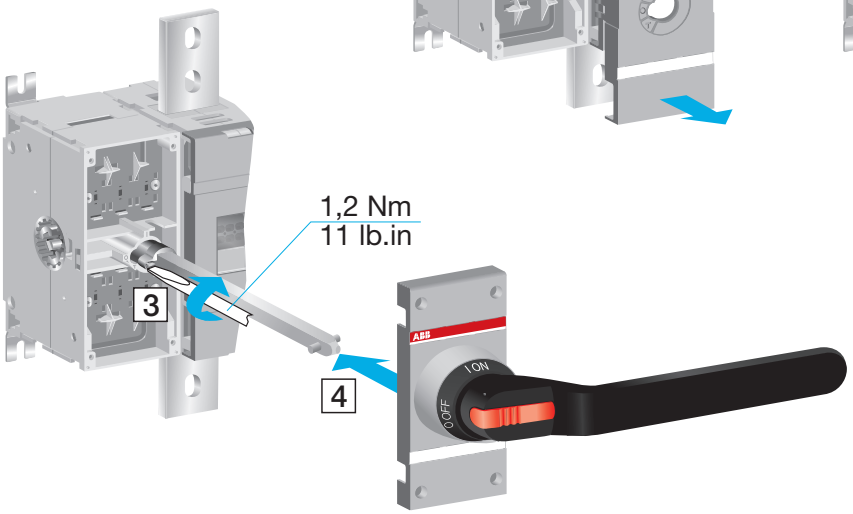
OTV_

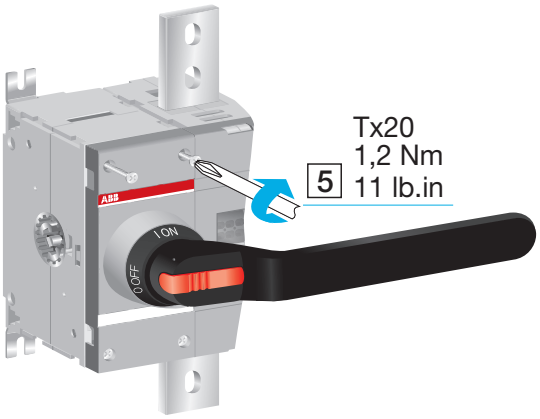
OTV1000EK



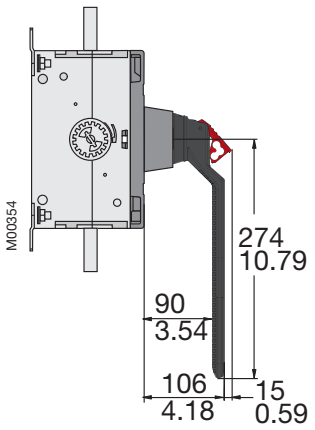






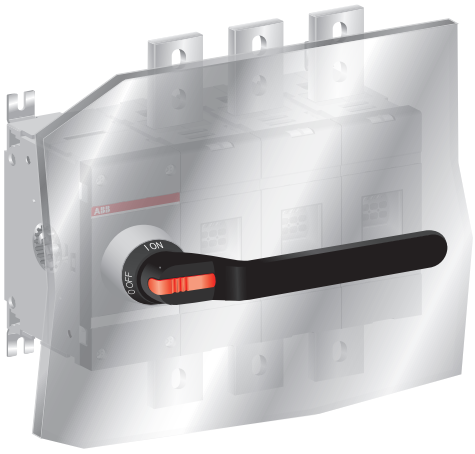


mm
in

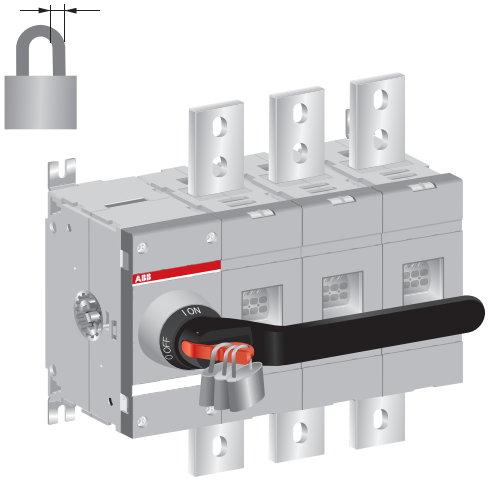


KA00017

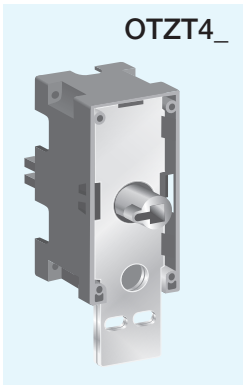
Note: Use protection against direct contact. For example:

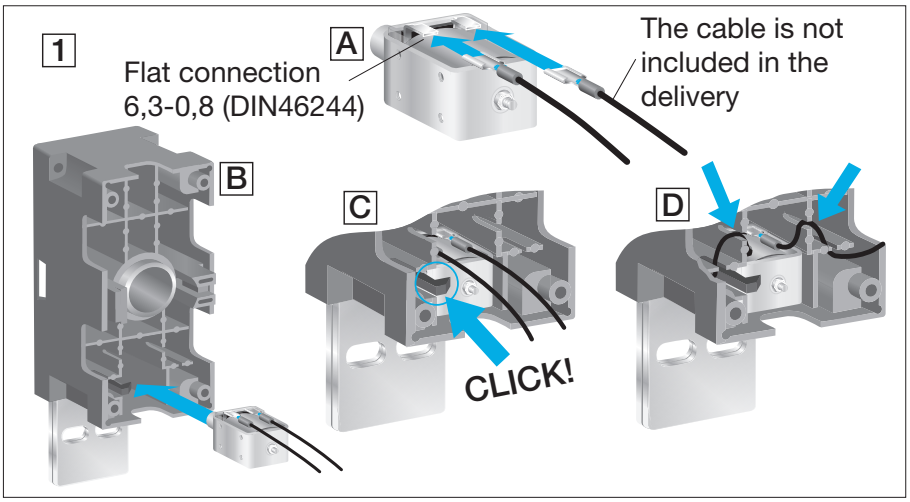


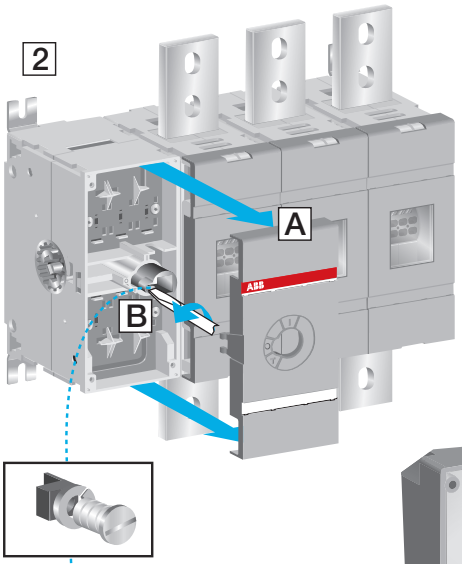
Ø5...Ø10 mm

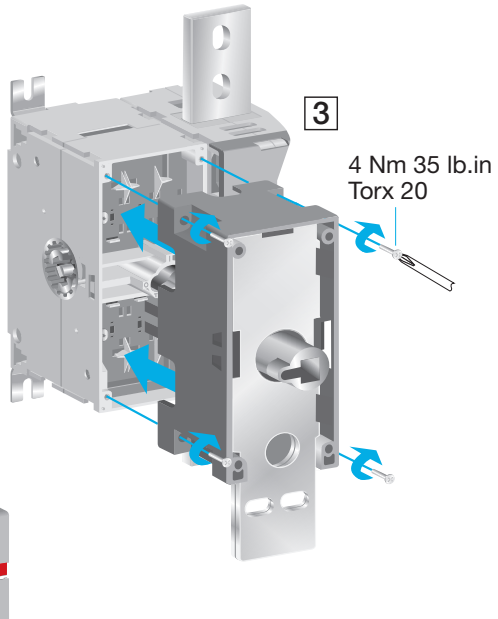


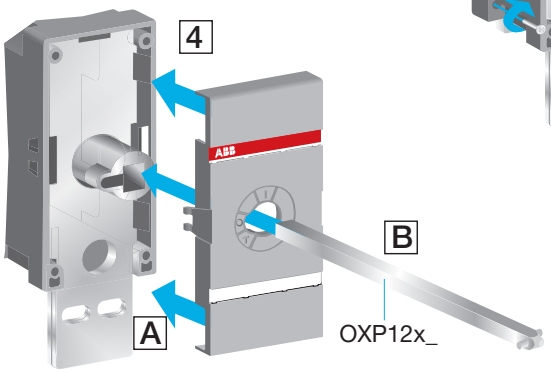
OTZT4

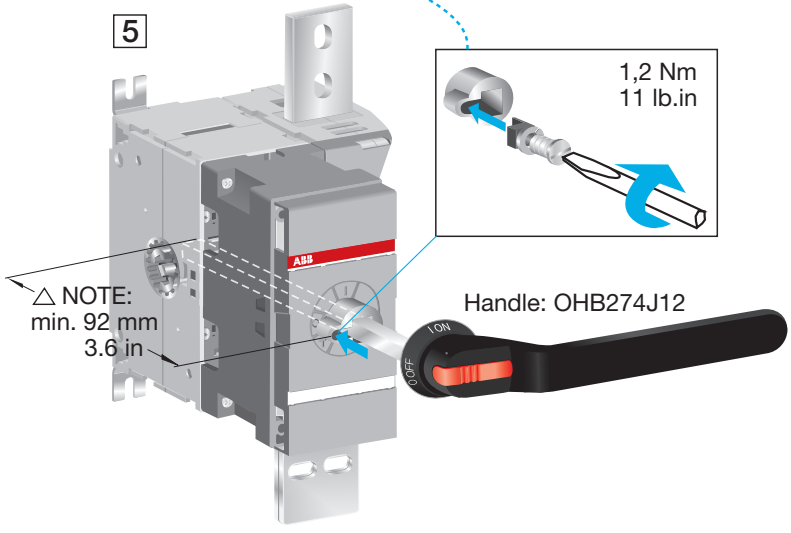

OTZT4_


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

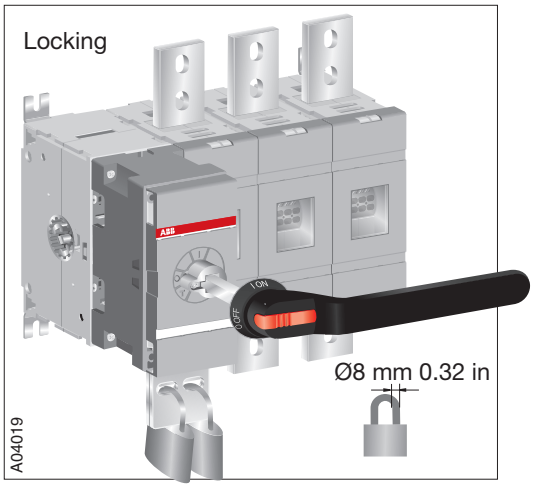

2
A
B


3
4 Nm 35 lb.in
Torx 20


4
B
A
OXP12x_

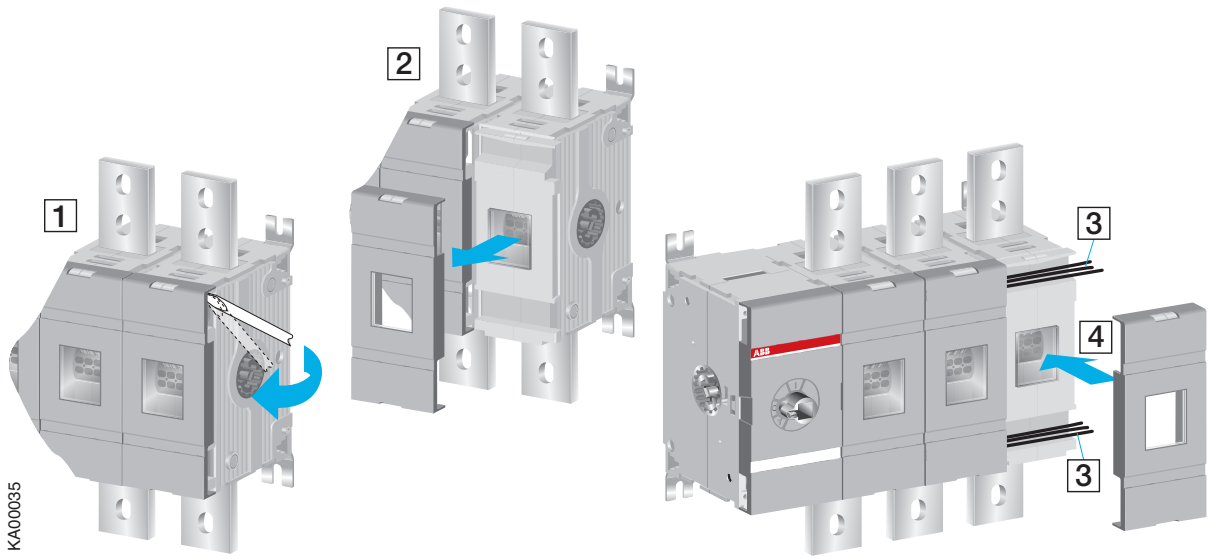

5
△ NOTE:
min. 92 mm
3.6 in
Handle: OHB274J12
ON
OFF

1,2 Nm
11 lb.in


Locking
ON
OFF
Ø8 mm 0.32 in
A04019

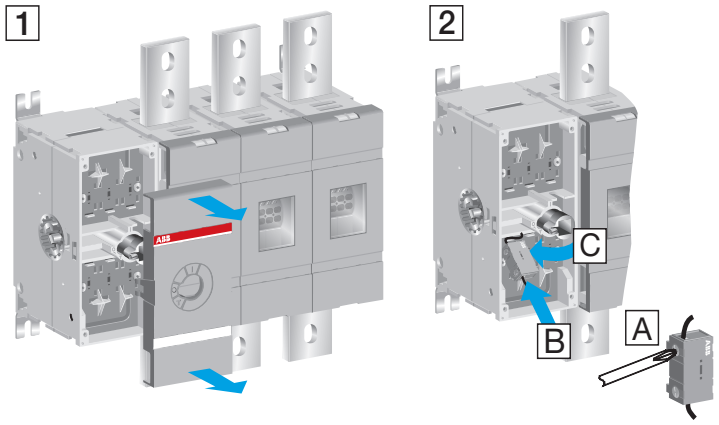
11

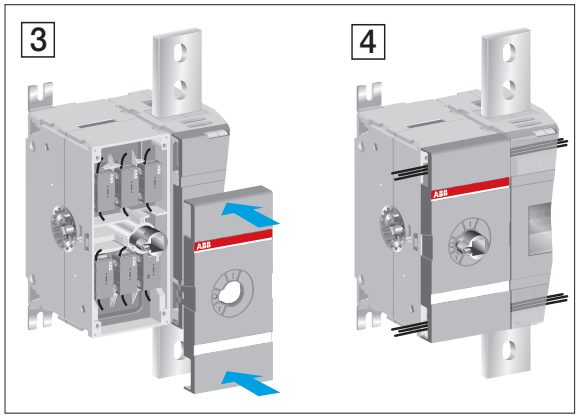
OA_



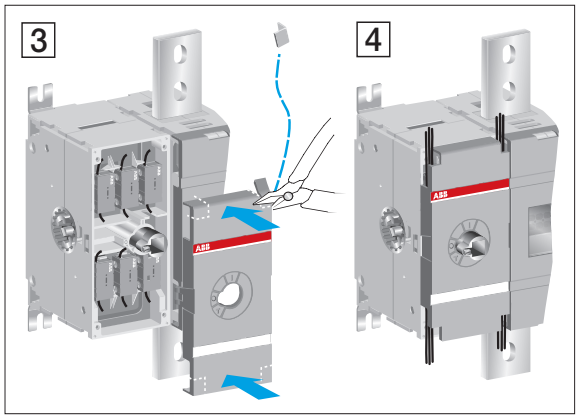
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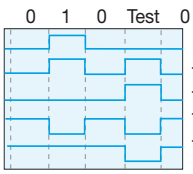
OA_



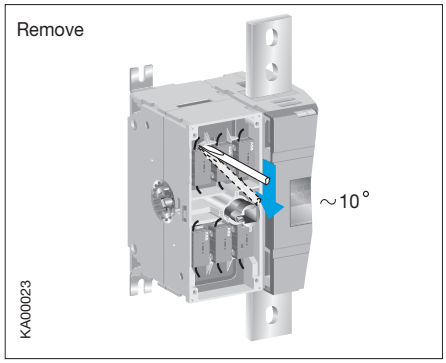


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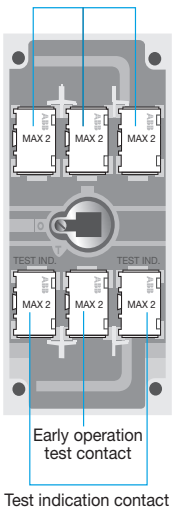




Main contact
Test contact (NO)
Test indication contact (NO)
Test contact (NC)
Test indication contact (NC)

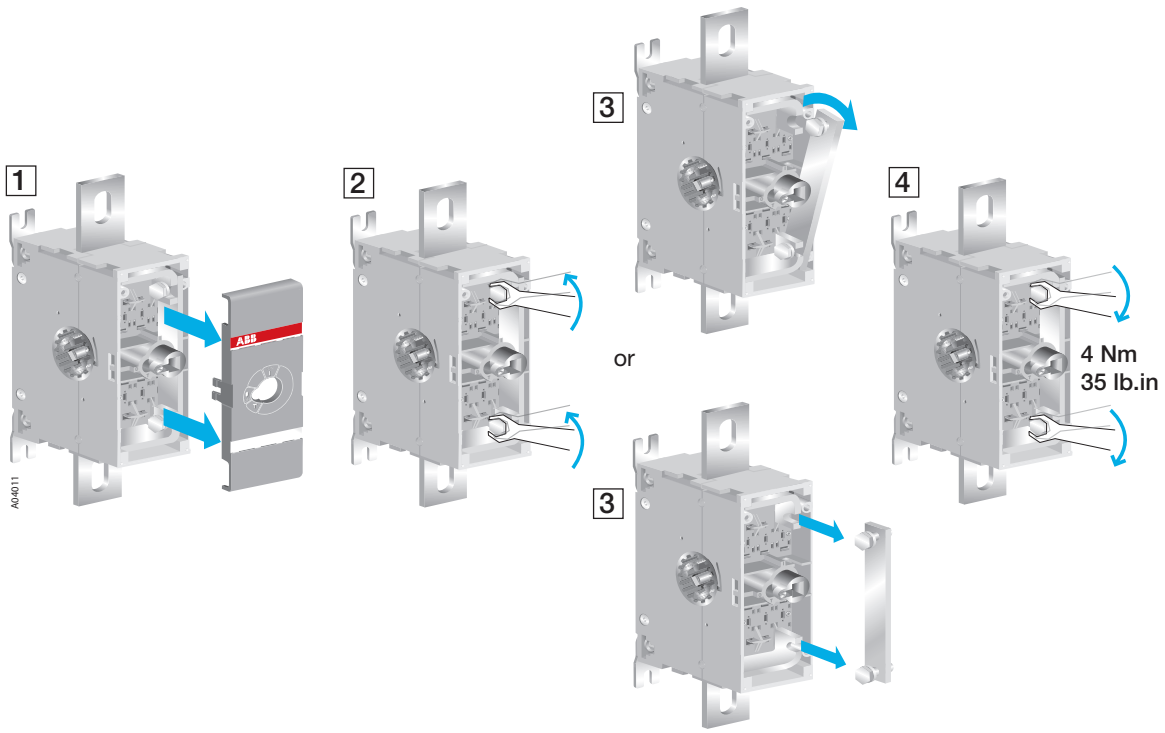


NO: OA1G10
NC: OA3G01



13

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.
CS	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:

ABB Oy
Protection and Connection
P.O. Box 622, FI-65101 Vaasa, Finland
www.abb.com/lowvoltage

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