34OT1600-2000U_ | 1SCC301094M0202 | Rev. B

OT1600U_, OT2000U_
Installation instruction

OT1600U__,
OT2000U__

01


02

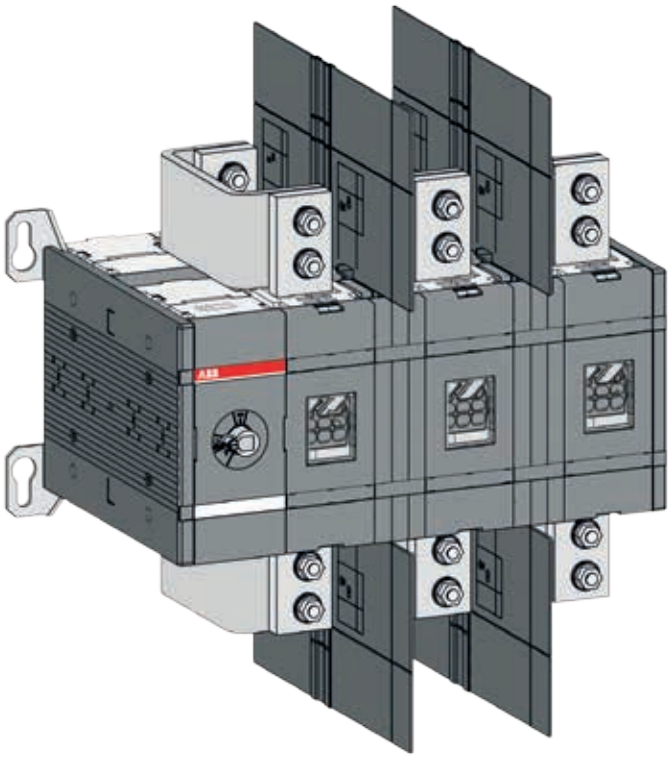

03


04

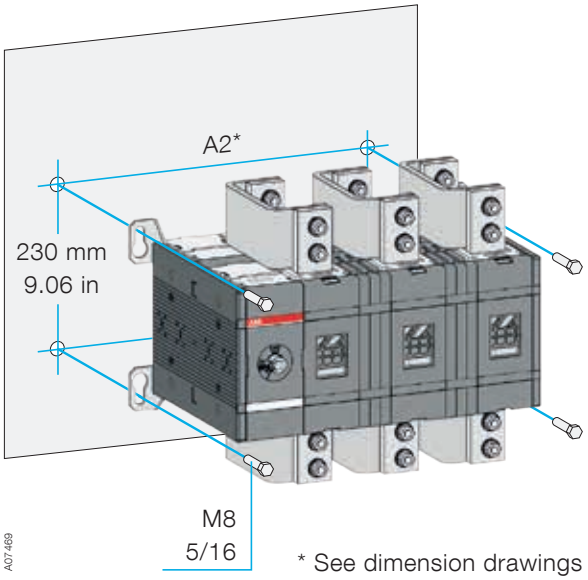

12


13


22

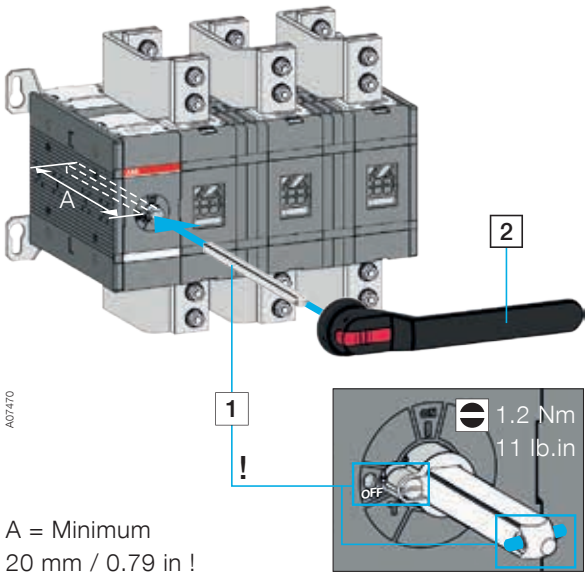


1



* See dimension drawings

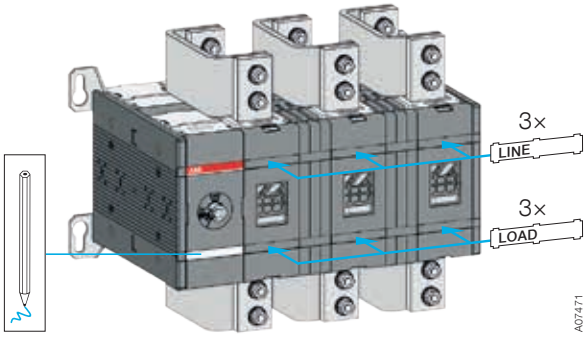
2



A = Minimum
20 mm / 0.79 in !

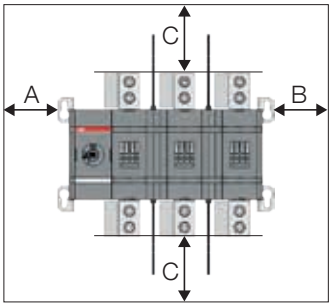
Power and productivity
for a better world™

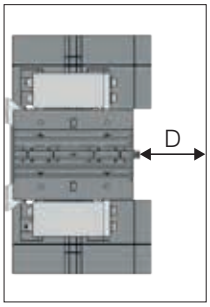
3



4

Clearances per UL98

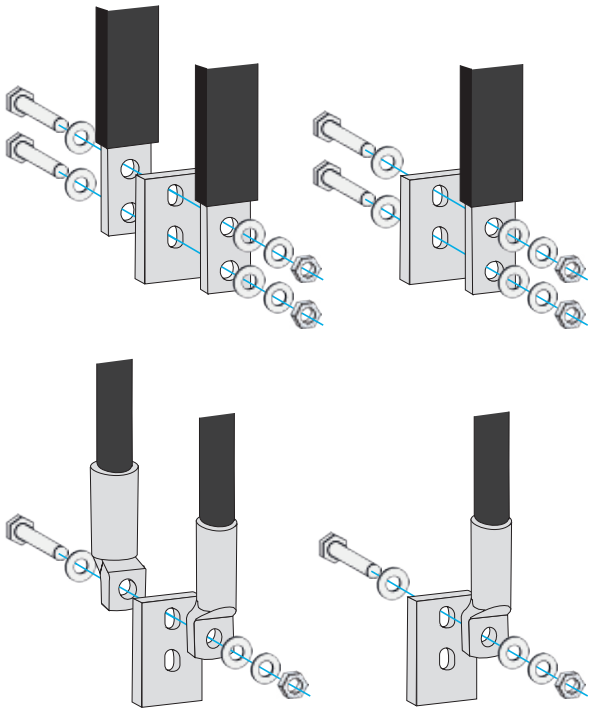




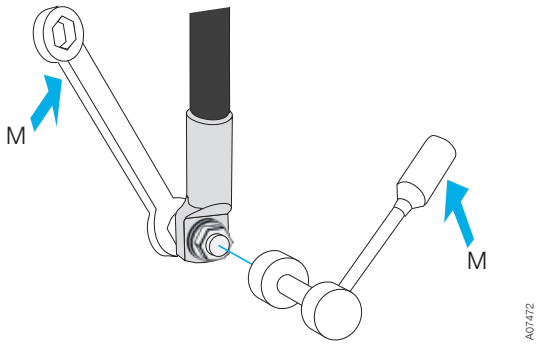
Minimum enclosure size or equivalent volume		
Current	**1600 A**	**2000 A**
Height [mm/in]	1000/39.37	1000/39.37
Width [mm/in]	800/31.50	800/31.50
Depth [mm/in]	45 0/17.72	450/17.72

A	B	D	C
0	51 mm/2 in	76 mm/3 in	According to the UL98 standard

6



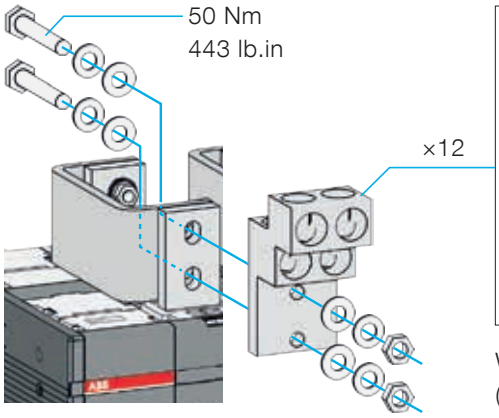
M12, 50...75 Nm, 443...664 lb.in

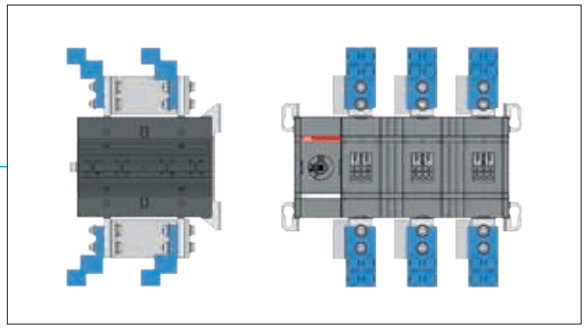


5



OZXA-1200 (×1)
OZXA-1206 (×6)

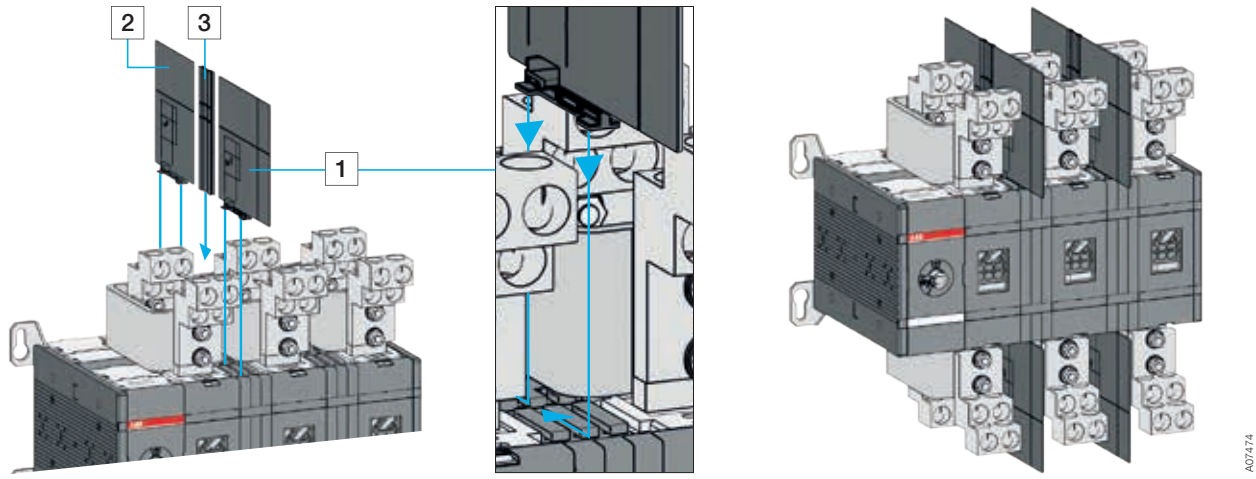




Wire range:
(4) #2 - 600 kcmil, 75 °C, 500 lb.in / 56.6 Nm

A07473

7



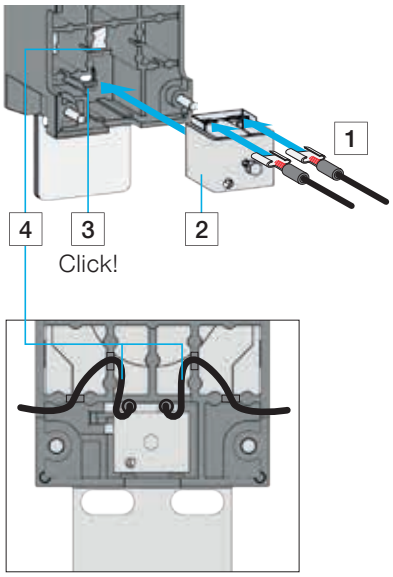
8

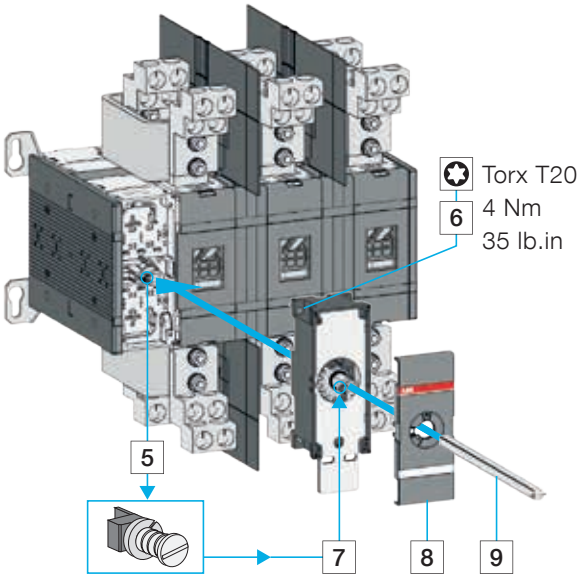


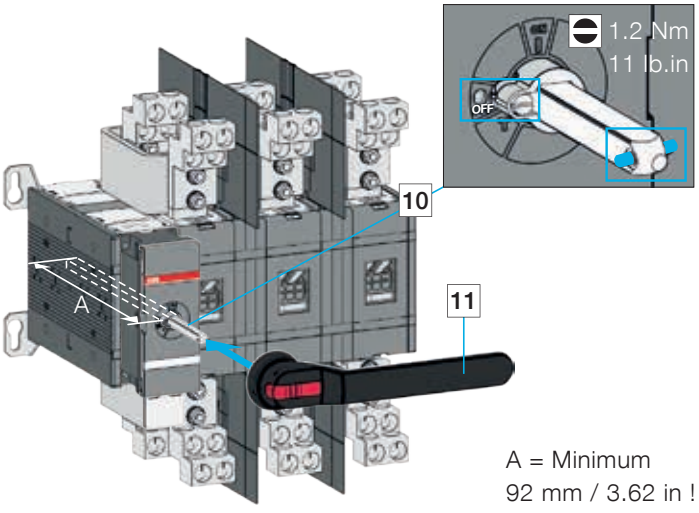
OTZT4



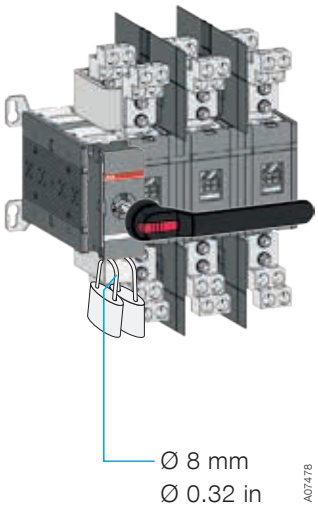
PDAL2







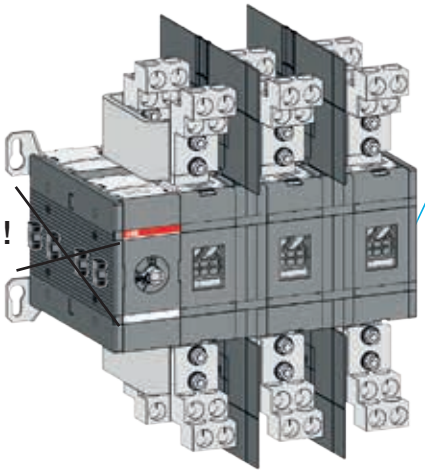
A = Minimum
92 mm / 3.62 in !

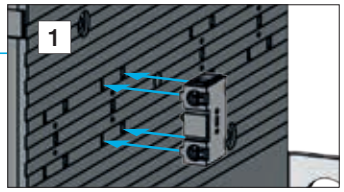


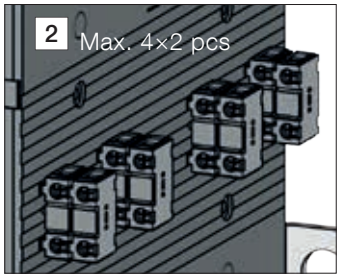
9



OA_







A07475

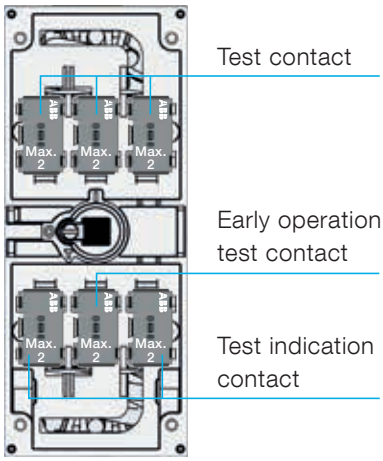
10

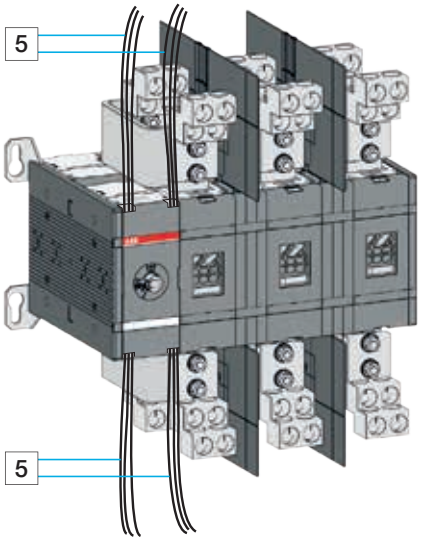


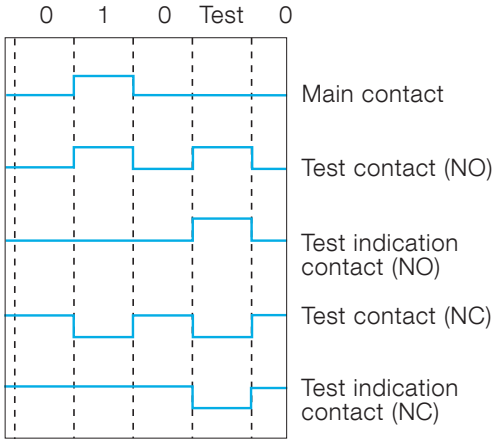
OA_

4

NO: OA1G10
NC: OA3G01





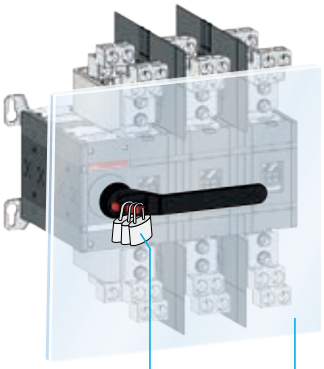


A07476

11



OTV1000EK



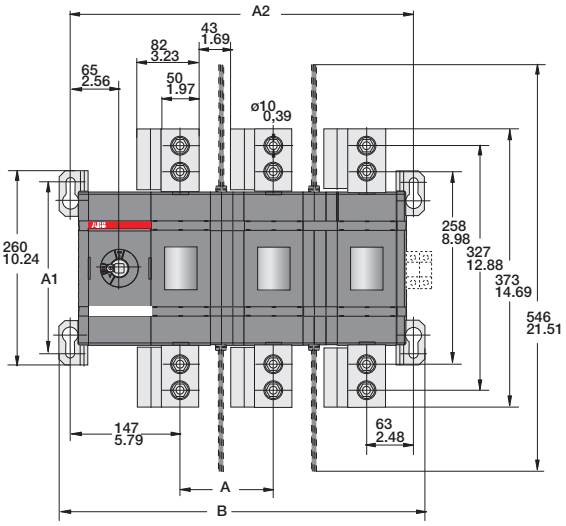
Ø 5...10 mm
0.20...0.39 in

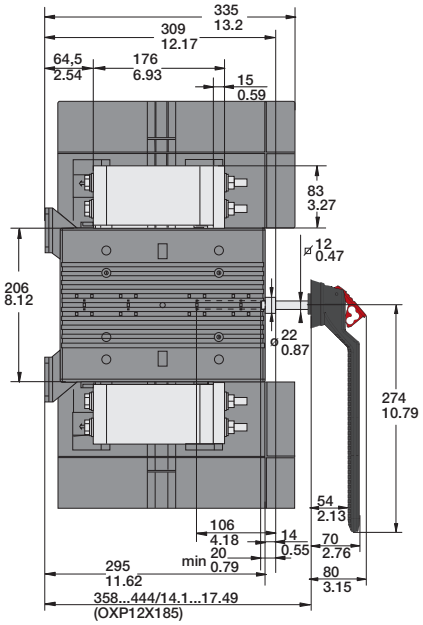
Note:
Use protection
against direct contact.
For example, see picture.

A07477

12

OT1600/2000U02/03/04



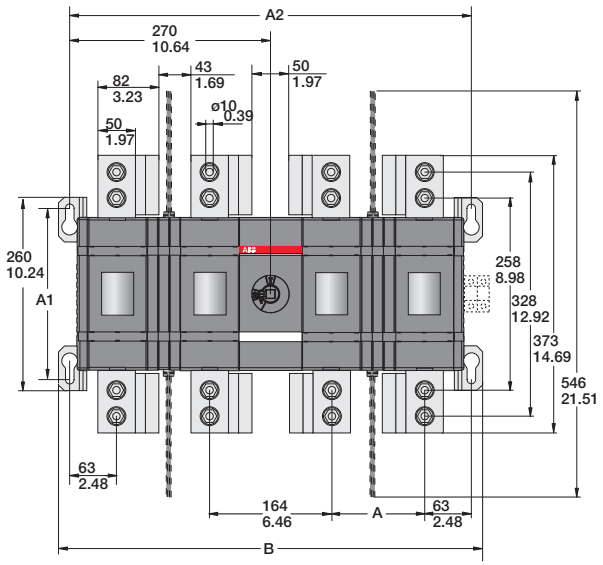


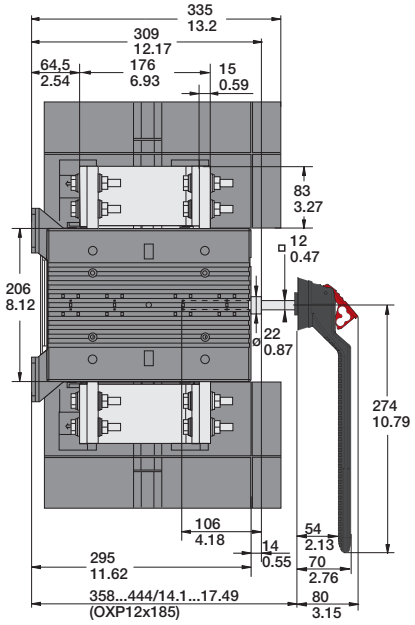
OT 1600-2000U_			
[mm/in]	02	03	04
A	125/4.92	125/4.92	125/4.92
A1	230/9.06	230/9.06	230/9.06
A2	335/13.2	460/18.12	585/23.05
B	365/14.38	490/19.3	615/24.23

M00495/OT2000U_ A

13

OT1600/2000U12/13/22





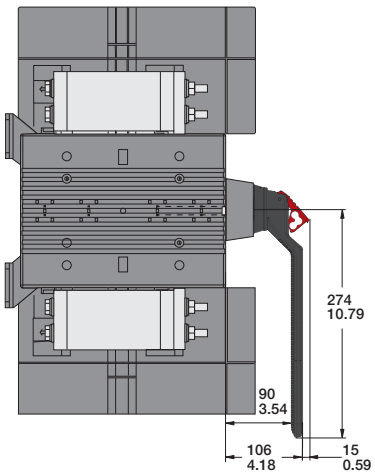
A

M00496/OT2000U12-22

OT 1600-2000U_			
[mm/in]	**12**	**13**	**22**
A	125/4.92	125/4.92	125/4.92
A1	230/9.06	230/9.06	230/9.06
A2	415/16.35	540/21.27	540/21.27
B	445/17.53	570/22.46	570/22.46

14

OTV1000EK





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.

1SCC301094M0202

Producted by A&V Insinöörit Oy / Tekninen viestintä, 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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