INSTALLATION INSTRUCTION

# Enclosed Safety Switches and Switch-Disconnectors

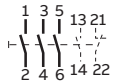
OTL16-125_, OTR16-125_, OKL63-100_



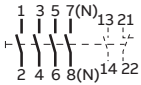

**Enclosed Safety Switches and Switch-Disconnectors**
34OTL16-90 rev. V / 1SCC340006M0013

# Terminal markings

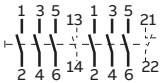
**OKL_3_**
**OTL_3_**
**OTR_3_**




**OKL_4_**
**OTL_4_**
**OTR_4_**




**OTL_6_**
**OTR_6_**

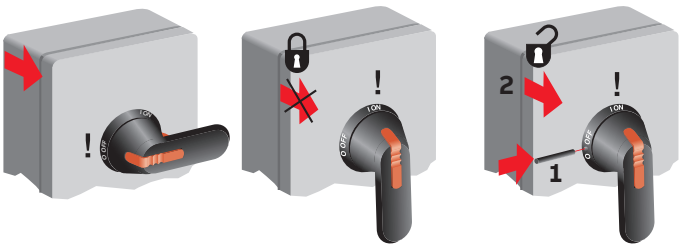



**OTL_C3_**
**OTR_C3_**

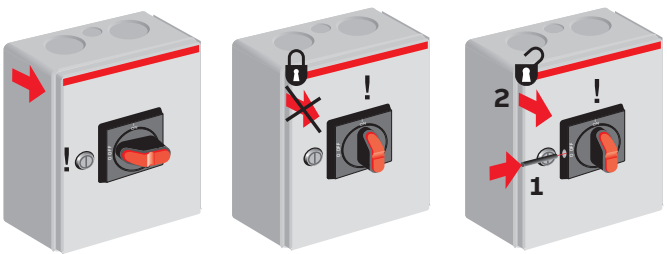



A00057B1

## Opening of cover



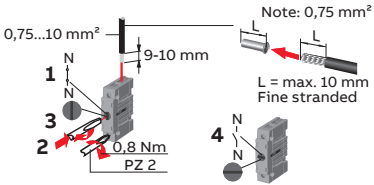

A00054B1_4



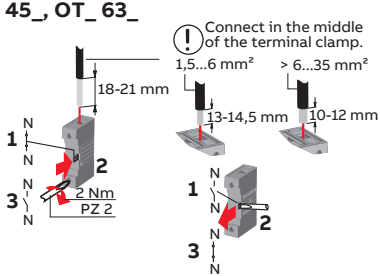

A00054B1_2

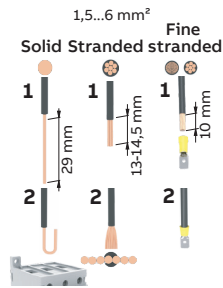
# Wiring for N-terminals in Enclosed Switch-Disconnectors

## OT_ 16_, OT_ 25_, OT_ 32_

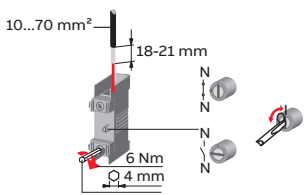



## OT_ 45_, OT_ 63_

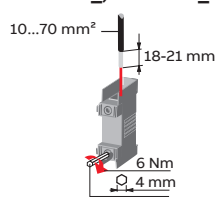



## OT_ 100_, OT_125_



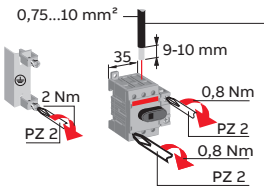

## OKL63_, OKL100_

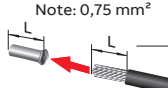



A0005782

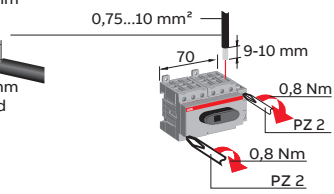
# Wiring for OT_16_...OT_63_

## OT_ 16_, OT_ 25_, OT_ 32_

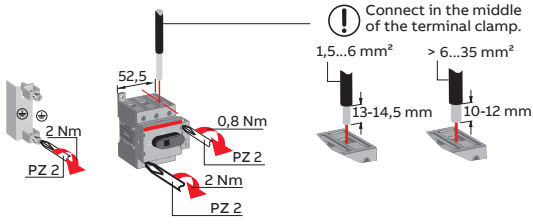


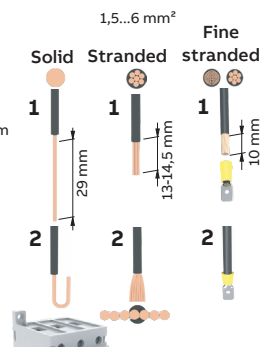




## OT_ 16_6_, OT_ 25_6_, OT_ 32_6_

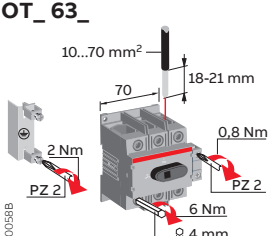



## OT_ 25_, OT_ 36_, OT_ 45_, OT_ 63_



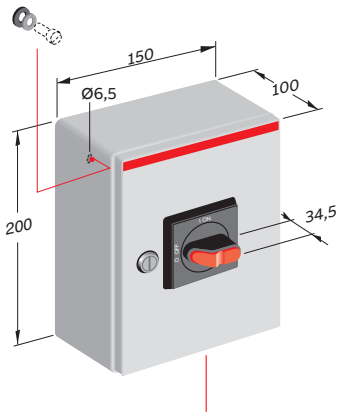



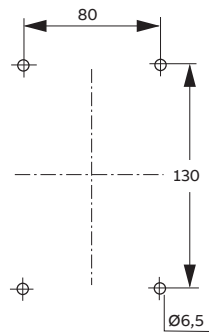

## OT_ 63_



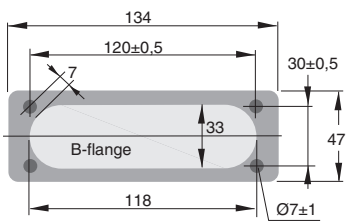

A00058B

# Dimension drawings
## OT_16_...OT_63_

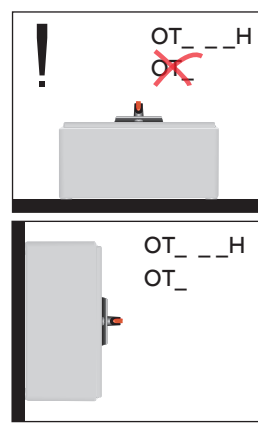



OT_16_B_ = B-flange
OT_25_B_ = B-flange
OT_32_B_ = B-flange
OT_36_B_ = B-flange
OT_45_B_ = B-flange
OT_63_B_ = B-flange

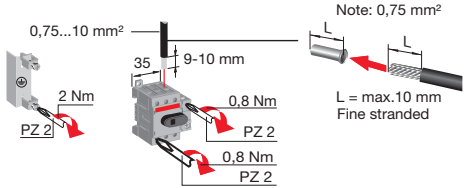



A00058B_2

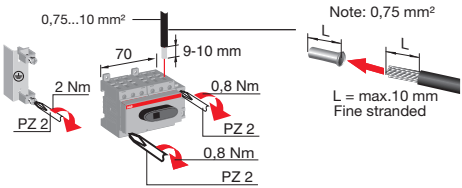


# Wiring for OT_16_...OT_63_

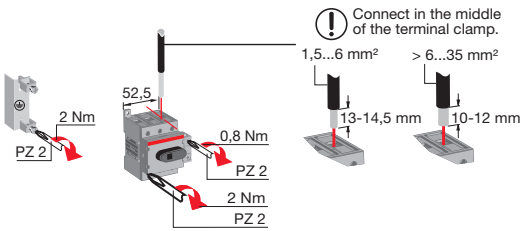
## OT_ 16_, OT_ 25_, OT_ 32_

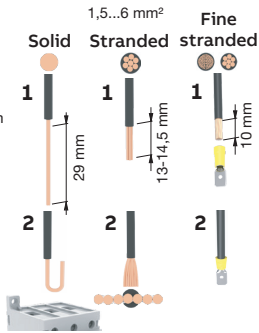



## OT_ 16_6_, OT_ 25_6_, OT_ 32_6_, OT_16C3_, OT_25C3_, OT_40C3_




## OT_ 25_, OT_ 36_, OT_ 45_, OT_ 63_

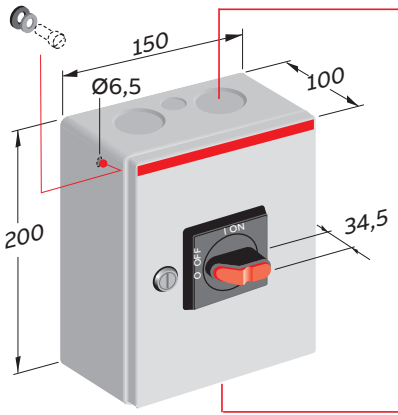


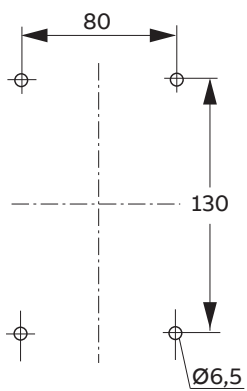

A000055B

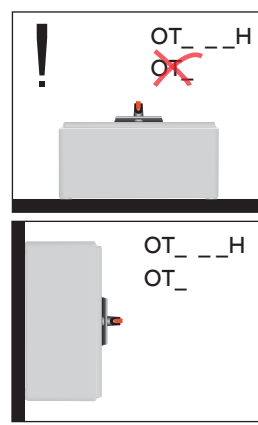
# Dimension drawings

## OT_16_...OT_63_




| | |
|---|---|
| OT_16_M_ | = 2 x Ø25,5 + Ø16,5 |
| OT_16C3M_ | = 2 x Ø25,5 + Ø16,5 |
| OT_25_M_ | = 2 x Ø25,5 + Ø16,5 |
| OT_25T_M _ | = 2 x Ø32,5 + Ø16,5 |
| OT_25T_M25_ | = 2 x Ø25,5 + Ø16,5 |
| OT_25C3M_ | = 2 x Ø32,5 + Ø16,5 |
| OT_32_M_ | = 2 x Ø25,5 + Ø16,5 |
| OT_36_M_ | = 2 x Ø32,5 + Ø16,5 |
| OT_40C3M_ | = 2 x Ø32,5 + Ø16,5 |
| OT_45_M_ | = 2 x Ø32,5 + Ø16,5 |
| OT_63_M_ | = 2 x Ø32,5 + Ø16,5 |

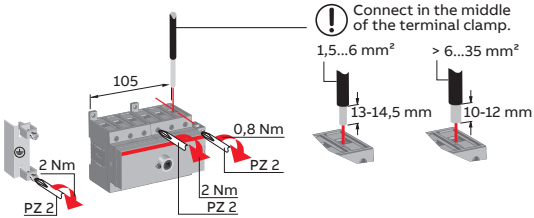


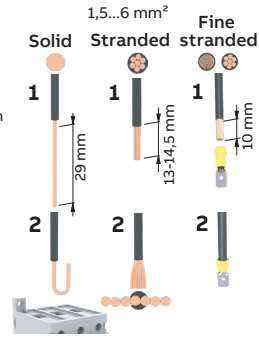




A00055B_2

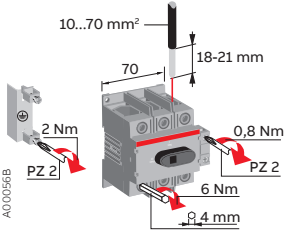
# Wiring for OT_25_...OT_63_

## OT_ 25_6_, OT_ 36_6_, OT_ 45_6_, OT_ 63_6_



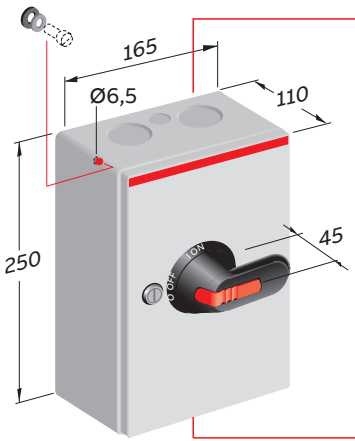




## OT_ 63_

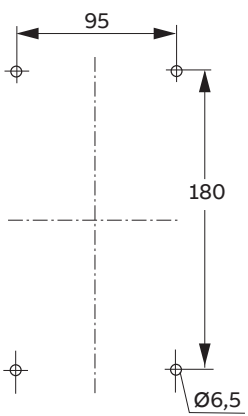


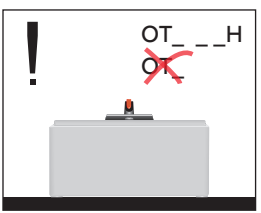
# Dimension drawings

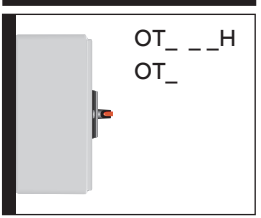
## OT_25_...OT_63_




OT_25_6M_= 2 x Ø32,5 + Ø16,5
OT_36_6M_= 2 x Ø32,5 + Ø16,5
OT_45_6M_= 2 x Ø32,5 + Ø16,5
OT_63_6M_= 2 x Ø32,5 + Ø16,5
OT_63_M_ = 2 x Ø32,5 + Ø16,5



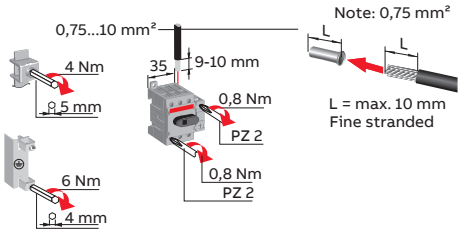



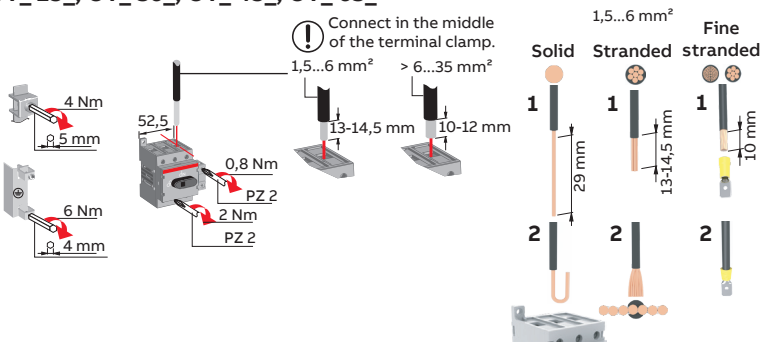

A000056B_2

# Wiring for OT_16_...OT_80_

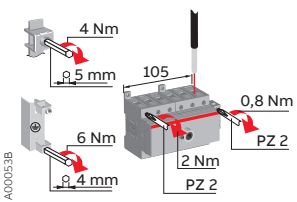
## OT_ 16_, OT_ 25_, OT_ 32_




## OT_ 25_, OT_ 36_, OT_ 45_, OT_ 63_



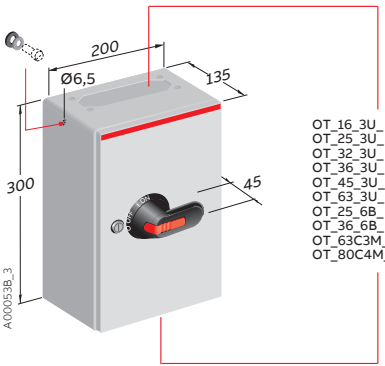

## OT_ 25_6_, OT_ 36_6_, OT_63C3_, OT_80C3_



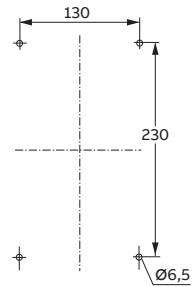

A000053B

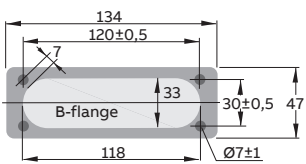
# Dimension drawings

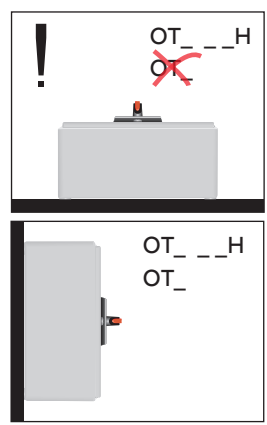
## OT_16_...OT_80_




OT_16_3U_ = -
OT_25_3U_ = -
OT_32_3U_ = -
OT_36_3U_ = -
OT_45_3U_ = -
OT_63_3U_ = -
OT_25_6B_ = B-flange
OT_36_6B_ = B-flange
OT_63C3M_ = 2 x Ø50,5 + Ø16,5
OT_80C4M_ = 2 x Ø50,5 + Ø16,5

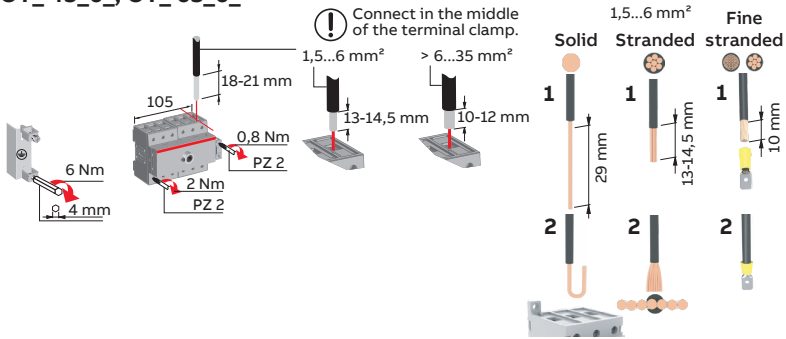


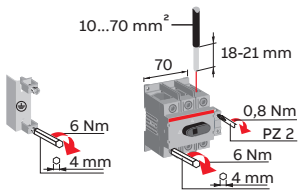



# Wiring for OT_45_...OT_125_, OKL_

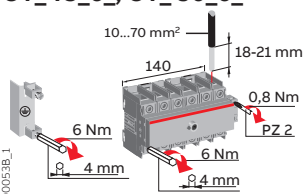
## OT_ 45_6_, OT_ 63_6_




## OT_ 75_, OT_80_, OT_ 90_, OT_ 100_, OT_ 125_, OKL63_, OKL100_



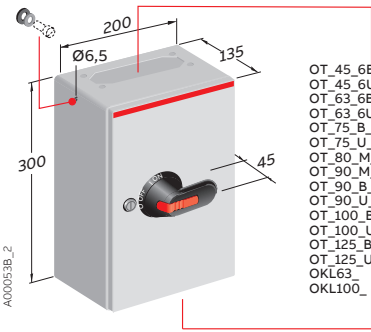

## OT_ 75_6_, OT_ 90_6_



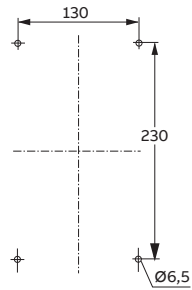

A000053B_1

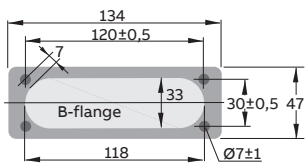
# Dimension drawings

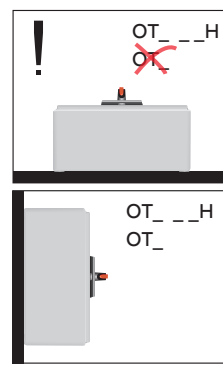
## OT_45_...OT_125_, OKL_



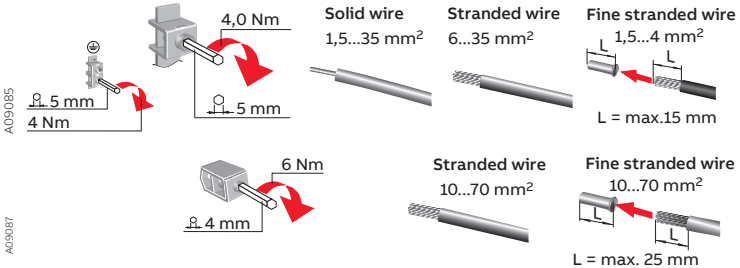

OT_45_6B_ = B-flange
OT_45_6U_ = -
OT_63_6B_ = B-flange
OT_63_6U_ = -
OT_75_B_ = B-flange
OT_75_U_ = -
OT_80_M_ = 2 x Ø50,5 + Ø16,5
OT_90_M_ = 2 x Ø50,5 + Ø16,5
OT_90_B_ = B-flange
OT_90_U_ = -
OT_100_B_ = B-flange
OT_100_U_ = -
OT_125_B_ = B-flange
OT_125_U_ = -
OKL63_ = -
OKL100_ = -



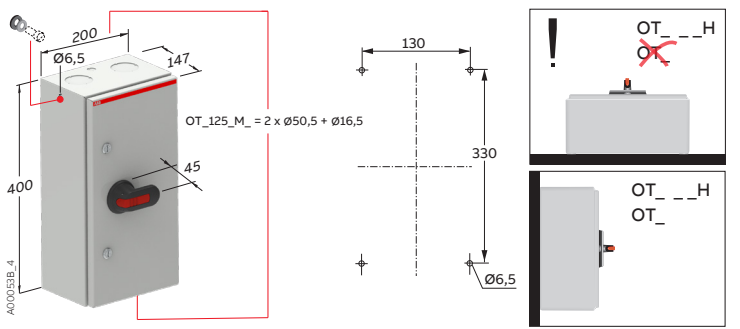
# Wiring for OT_125_




| [Nm] | | | |
|---|---|---|---|
| Q | S | PE | |
| A09089 M8 6 Nm | 13 21 0,8 Nm 14 22 | 2,2 Nm | M8 6 Nm |

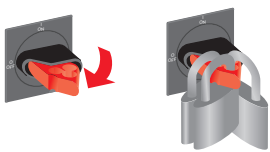
# Dimension drawings

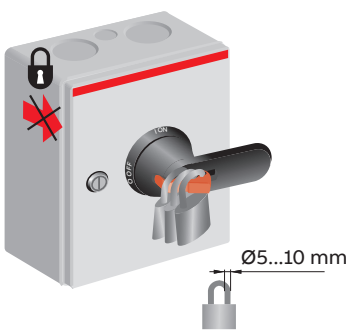
## OT_125_

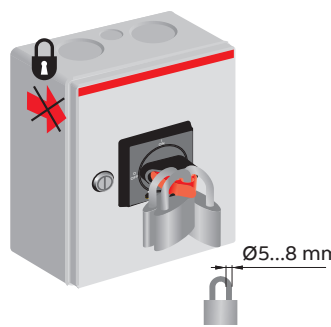


# Padlocking handle





# Contact us

**ABB Oy**

Muottitie 2A, 65320

Vaasa, Finland

**abb.com/lowvoltage**



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.

© Copyright 2026 ABB. All rights reserved.
Specifications subject to change without notice.

3AOTL16-90 rev. V / 1SCC340008M0013#16.06.2026