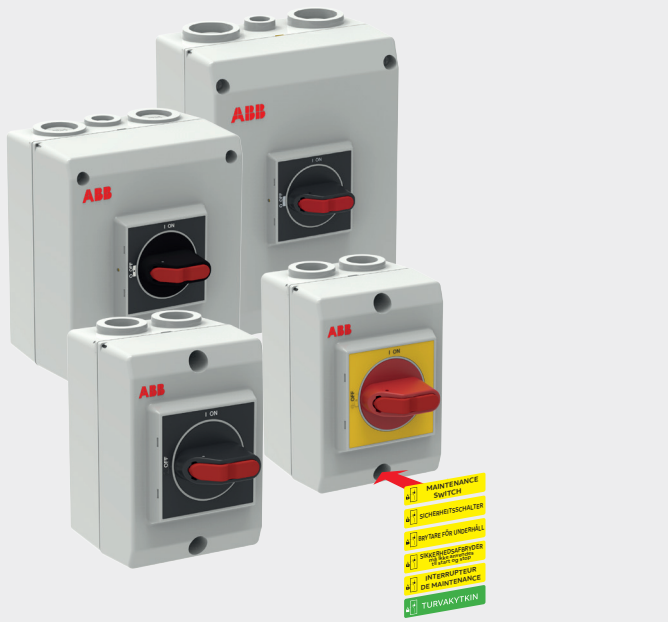


INSTALLATION INSTRUCTION

## Enclosed Maintenance Switches

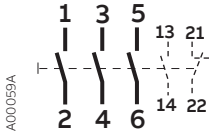
OTP16G\_...125G\_



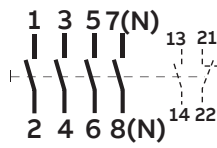


# Terminal markings

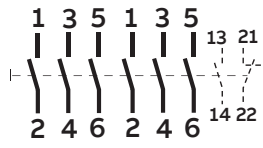
OTP\_3\_



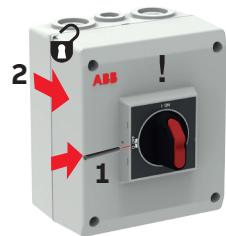
OTP\_4\_



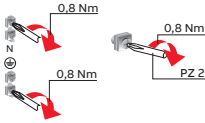
OTP\_6\_



# Opening of cover

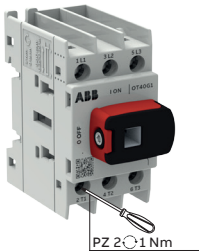


# Wiring for OTP16G\_



Wire type (Cu only)	1-2 Wire (mm <sup>2</sup> )	Stripping length
Fine stranded wire	0.75-4	L = max. 9 mm
Solid wire	0.75-2.5	

## OT\_16G\_3\_



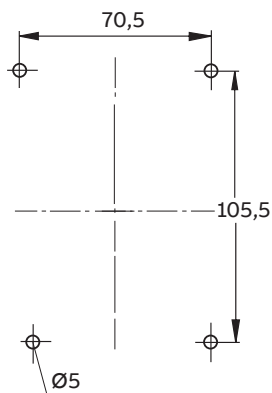
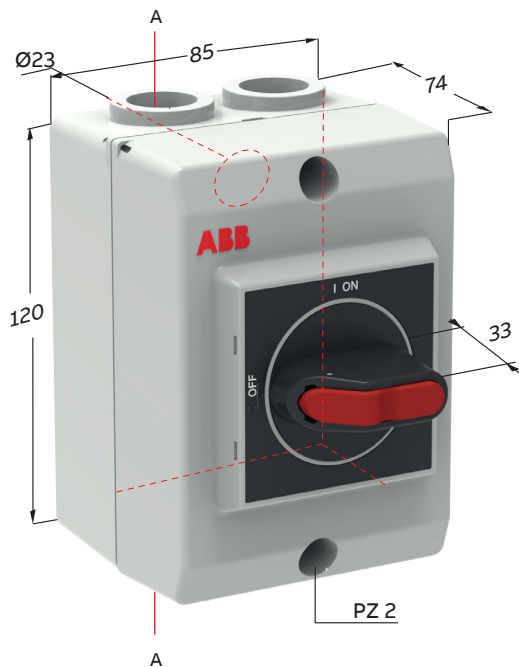
Wire type (Cu only)	1 Wire (mm <sup>2</sup> )	Quick spring terminal 1 Wire (mm <sup>2</sup> )	Stripping length	Tightening torque
Class 5-Flexible	1.5-16	1.5-10	9-10 mm	PZ 2 1 Nm
Class 2-Stranded	1.5-16	1.5-10		
Class 6-Very flexible with ferrule	0.75-4	1.5-4		
Class 1-Solid	0.75-6	1.5-4		

## Auxiliary contact AUXG\_

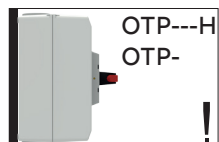
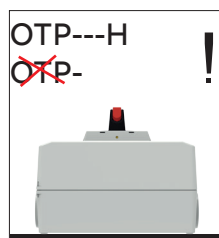


Wire type (Cu only)	1 Wire (mm <sup>2</sup> )	Stripping length	Tightening torque
Class 5-Flexible	0.75-2.5	8-10 mm	PZ 2 0,8 Nm
Class 2-Stranded	0.75-2.5		
Class 6-Very flexible with ferrule	0.75-1.5		
Class 1-Solid	0.75-2.5		

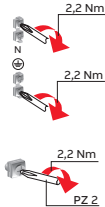
# Dimension drawings



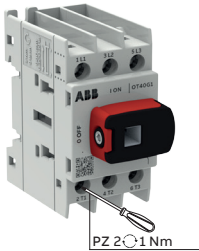
A
OTP_M_ = 2xM20
OTP_M25_ = 2xM25



# Wiring for OTP16G\_...25G\_



OT\_16G\_3\_, OT\_16G\_4\_  
OT\_25G\_3\_, OT\_25G\_4\_



Wire type (Cu only)	1-2 Wire (mm <sup>2</sup> )	Stripping length
Solid wire	1.5-10	
Stranded wire	4-10	
Fine stranded wire	1.5-2.5	L = max. 9 mm

Wire type (Cu only)	1 Wire (mm <sup>2</sup> )	Quick spring terminal 1 Wire (mm <sup>2</sup> )	Stripping length	Tightening torque
Class 5-Flexible	1.5-16	1.5-10	9-10 mm	PZ 2 1 Nm
Class 2-Stranded	1.5-16	1.5-10		
Class 6-Very flexible with ferrule	0.75-4	1.5-4		
Class 1-Solid	0.75-6	1.5-4		

OT\_16G\_6\_, OT\_25G\_6\_



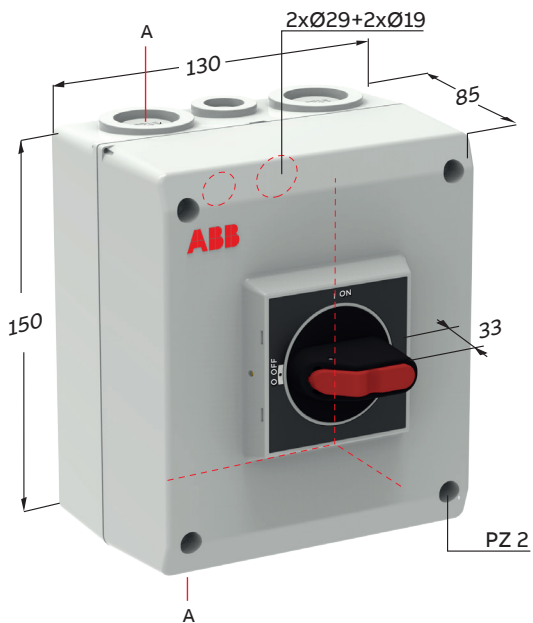
Wire type (Cu only)	1 Wire (mm <sup>2</sup> )	Stripping length	Tightening torque
Class 5-Flexible	1.5-16	9-10 mm	PZ 2 1 Nm
Class 2-Stranded	1.5-16		
Class 6-Very flexible with ferrule	0.75-4		
Class 1-Solid	0.75-6		

Auxiliary contact AUXG\_

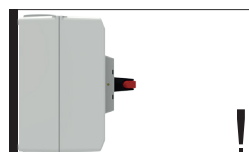
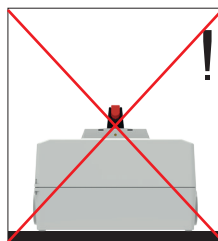


Wire type (Cu only)	1 Wire (mm <sup>2</sup> )	Stripping length	Tightening torque
Class 5-Flexible	0.75-2.5	8-10 mm	PZ 2 0,8 Nm
Class 2-Stranded	0.75-2.5		
Class 6-Very flexible with ferrule	0.75-1.5		
Class 1-Solid	0.75-2.5		

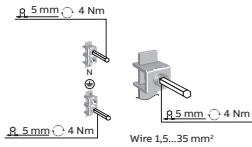
# Dimension drawings



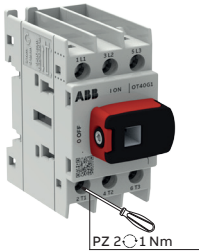
<b>A</b>
OTP_M_ = 2xM25+M16



# Wiring for OTP40G\_



OT\_40G\_3,  
OT\_40G\_4\_



Wire type (Cu only)	1 Wire (mm <sup>2</sup> )	Quick spring terminal 1 Wire (mm <sup>2</sup> )	Stripping length	Tightening torque
Class 5-Flexible	1.5-16	1.5-10	9-10 mm	PZ 2 1 Nm
Class 2-Stranded	1.5-16	1.5-10		
Class 6-Very flexible with ferrule	0.75-4	1.5-4		
Class 1-Solid	0.75-6	1.5-4		

OT\_40G\_6\_



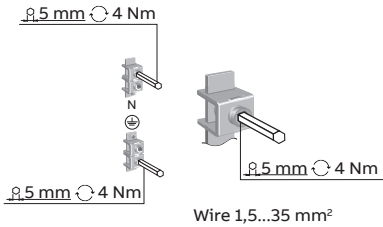
Wire type (Cu only)	1 Wire (mm <sup>2</sup> )	Stripping length	Tightening torque
Class 5-Flexible	1.5-16	9-10 mm	PZ 2 1 Nm
Class 2-Stranded	1.5-16		
Class 6-Very flexible with ferrule	0.75-4		
Class 1-Solid	0.75-6		

Auxiliary contact AUXG\_



Wire type (Cu only)	1 Wire (mm <sup>2</sup> )	Stripping length	Tightening torque
Class 5-Flexible	0.75-2.5	8-10 mm	PZ 2 0.8 Nm
Class 2-Stranded	0.75-2.5		
Class 6-Very flexible with ferrule	0.75-1.5		
Class 1-Solid	0.75-2.5		

## Wiring for OTP63G\_...80G\_

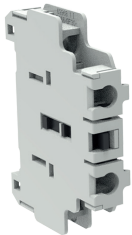


### OT\_63G\_3\_, OT\_63G\_4\_ OT\_80G\_3\_, OT\_80G\_4\_



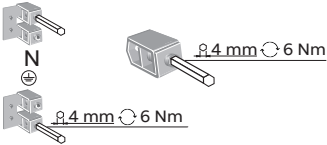
Wire type (Cu only)	1 Wire (mm <sup>2</sup> )	Stripping length	Tightening torque
Class 5-Flexible	1.5-35	 13-16 mm	 PZ 2  2 Nm
Class 2-Stranded	1.5-35		
Class 6-Very flexible with ferrule	1.5-4		
Class 1-Solid	1.5-6		

### Auxiliary contact AUXG\_



Wire type (Cu only)	1 Wire (mm <sup>2</sup> )	Stripping length	Tightening torque
Class 5-Flexible	0.75-2.5	 8-10 mm	 PZ 2  0,8 Nm
Class 2-Stranded	0.75-2.5		
Class 6-Very flexible with ferrule	0.75-1.5		
Class 1-Solid	0.75-2.5		

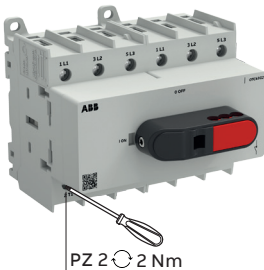
# Wiring for OTP63G\_...80G\_

Wire 10...70 mm<sup>2</sup>

## OT\_63G\_3\_, OT\_63G\_4\_ OT\_80G\_3\_, OT\_80G\_4\_



## OT\_63G\_6\_



## Auxiliary contact AUXG\_

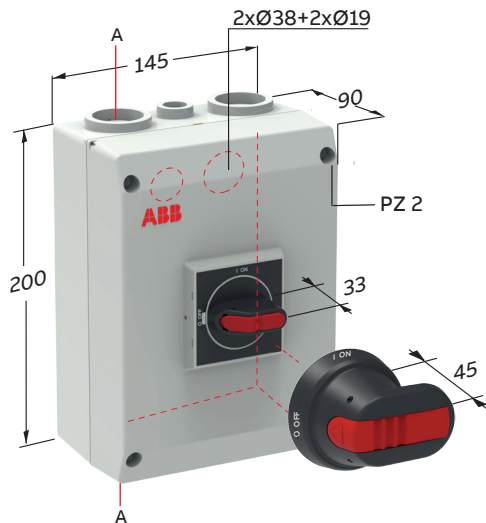


Wire type (Cu only)	1 Wire (mm <sup>2</sup> )	Stripping length	Tightening torque
Class 5-Flexible	1.5-35		
Class 2-Stranded	1.5-35		
Class 6-Very flexible with ferrule	1.5-4		
Class 1-Solid	1.5-6		

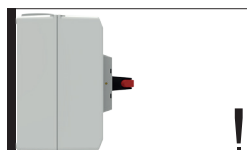
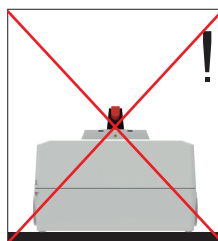
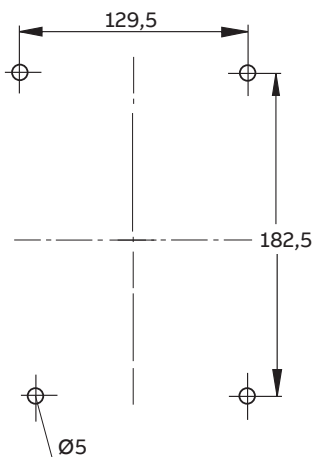
Wire type (Cu only)	1 Wire (mm <sup>2</sup> )	Stripping length	Tightening torque
Class 5-Flexible	1.5-35		
Class 2-Stranded	1.5-35		
Class 6-Very flexible with ferrule	1.5-4		
Class 1-Solid	1.5-6		

Wire type (Cu only)	1 Wire (mm <sup>2</sup> )	Stripping length	Tightening torque
Class 5-Flexible	0.75-2.5		
Class 2-Stranded	0.75-2.5		
Class 6-Very flexible with ferrule	0.75-1.5		
Class 1-Solid	0.75-2.5		

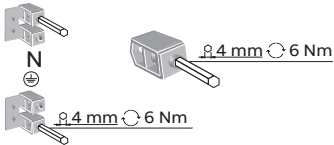
# Dimension drawings



<b>A</b>
OTP_M_ = 2xM32+M16



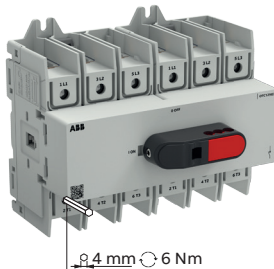
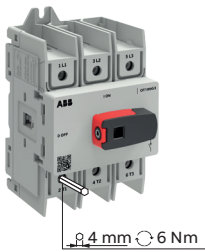
# Wiring for OTP80G\_...125G\_



Wire 10...70 mm<sup>2</sup>

OT\_100G\_3\_  
OT\_100G\_4\_  
OT\_125G\_3\_  
OT\_125G\_4\_

OT\_80G\_6\_



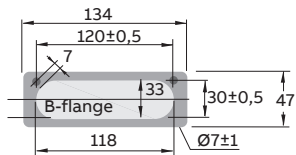
Wire type (Cu only)	1 Wire (mm <sup>2</sup> )	Stripping length	Tightening torque
Class 5-Flexible	4-70	 16-18 mm	4 mm 6 Nm
Class 2-Stranded	4-70		
Class 6-Very flexible with ferrule	2.5-4		
Class 1-Solid	2.5-6		

## Auxiliary contact AUXG\_

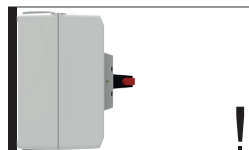
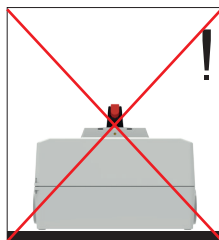
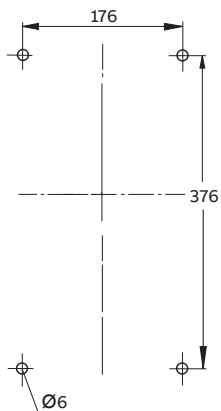


Wire type (Cu only)	1 Wire (mm <sup>2</sup> )	Stripping length	Tightening torque
Class 5-Flexible	0.75-2.5	 8-10 mm	PZ 2 0,8 Nm
Class 2-Stranded	0.75-2.5		
Class 6-Very flexible with ferrule	0.75-1.5		
Class 1-Solid	0.75-2.5		

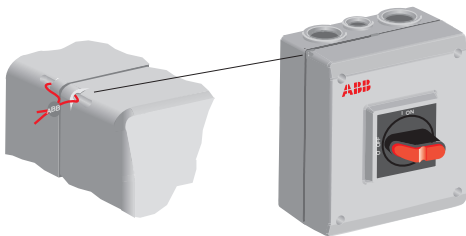
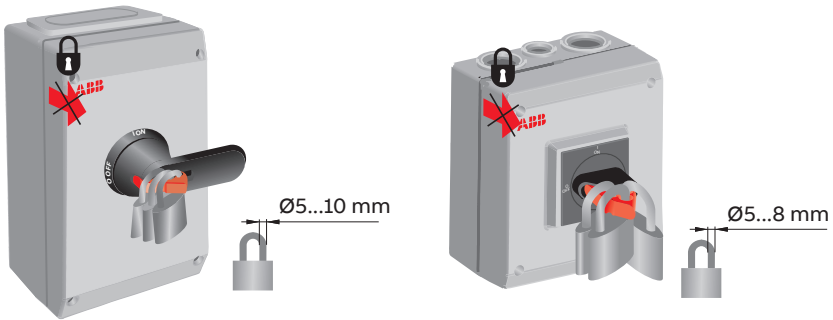
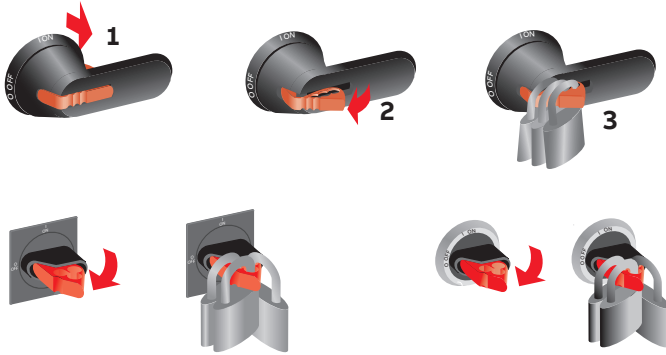
# Dimension drawings



<b>A</b>
OTP_M = 2xM50+M16
OTP_B = B-flange



# Padlocking handle





<b>BG</b>	Внимание! Опасно напряжение! Да се монтира само от лице с електротехническа квалификация.
<b>CN</b>	警告！电压危险！只能由专业电工进行安装。
<b>CZ</b>	Varování! Nebezpečné napětí! Montáž smí provádět výhradně elektrotechnik!
<b>DA</b>	Advarsel! Farlig elektrisk spænding! Installation må kun foretages af personer med elektroteknisk ekspertise.
<b>DE</b>	Warnung! Gefährliche Spannung! Installation nur durch elektrotechnische Fachkraft.
<b>EL</b>	Προειδοποίηση! Υψηλή τάση! Η εγκατάσταση πρέπει να γίνεται μόνο από εξειδικευμένους ηλεκτροτεχνικούς.
<b>EN</b>	Warning! Hazardous voltage! Installation by person with electrotechnical expertise only.
<b>ES</b>	¡Advertencia! ¡Tensión peligrosa! La instalación deberá ser realizada únicamente por electricistas especializados.
<b>ET</b>	Hoiatus! Ohtlik pinge. Paigaldada võib ainult elektrotehnika-alane ekspert.
<b>FI</b>	Varoitus! Vaarallinen jännite! Asennuksen voi tehdä vain sähköalan ammattihenkilö.
<b>FR</b>	Avertissement! Tension électrique dangereuse! Installation uniquement par des personnes qualifiées en électrotechnique.
<b>HR</b>	Upozoreње! Opasan napon! Postavljati smije samo elektrotehnički stručnjak.
<b>HU</b>	Figyelmeztetés! Veszélyes feszültség! Csak elektrotechnikai tapasztalattal rendelkező szakember helyezheti üzembe.
<b>IE</b>	Rabhadh! Voltas guaiseach! Ba chóir do dhuine ag a bhfuil saeolas leictreicniúil, agus an té sin amháin, é seo a shuiteáil.
<b>IT</b>	Avvertenza! Tensione pericolosa! Fare installare solo da un elettricista qualificato.
<b>LT</b>	Dėmesio! Pavojinga įtampa! Dirbti leidžiama tik elektrotechniko patirties turintiems asmenims.
<b>LV</b>	Uzmanību! Bīstami - elektrība! Montāžas darbus drīkst veikt tikai personas, kurām ir atbilstošas elektrotehniskās zināšanas.
<b>MT</b>	Twissija! Vultaġġ perikoluż! Għandu jiġi installat biss minn persuna b'kompetenza elettroteknika.
<b>NL</b>	Waarschuwing! Gevaarlijke spanning! Mag alleen geïnstalleerd worden door een deskundige elektrotechnicus.
<b>NO</b>	Advarsel! Farlig spenning! Montering skal kun utføres av kvalifiserte personer med elektrokompetanse.
<b>PL</b>	Ostrzeżenie! Niebezpieczne napięcie! Instalacji może dokonać wyłącznie osoba z fachową wiedzą w dziedzinie elektrotechniki.
<b>PT</b>	Aviso! Tensão perigosa! A instalação só deve ser realizada por um electricista especializado.
<b>RO</b>	Avertizare! Tensiune periculoasă! Instalarea trebuie efectuată numai de către o persoană cu experiență în electrotehnică.
<b>RU</b>	Осторожно! Опасное напряжение! Монтаж должен выполняться только специалистом-электриком.
<b>SE</b>	Varning! Farlig spänning! Installation får endast utföras av en elektriker.
<b>SK</b>	Varovanie! Nebezpečné napätie! Montáž môže vykonávať iba skúsený elektrotechnik.
<b>SL</b>	Opozorilo! Nevarna napetost! Vgradnjo lahko opravi le oseba z elektrotehničnim strokovnim znanjem.



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## Contact us

### **ABB Oy**

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Vaasa, Finland

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