

INSTALLATION INSTRUCTION

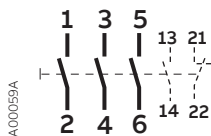
Enclosed Maintenance Switches

OTP16G_...125G_

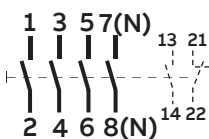


Terminal markings

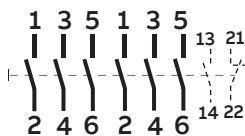
OTP_3_



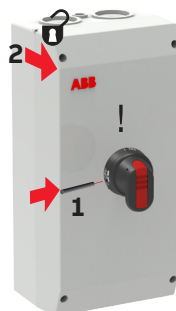
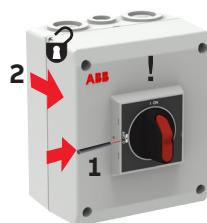
OTP_4_



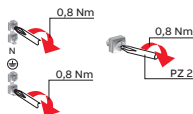
OTP_6_



Opening of cover



Wiring for OTP16G_



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

OT_16G_3_



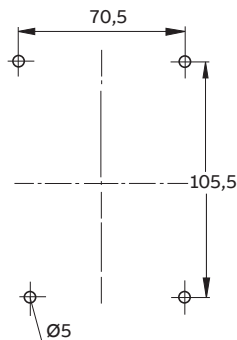
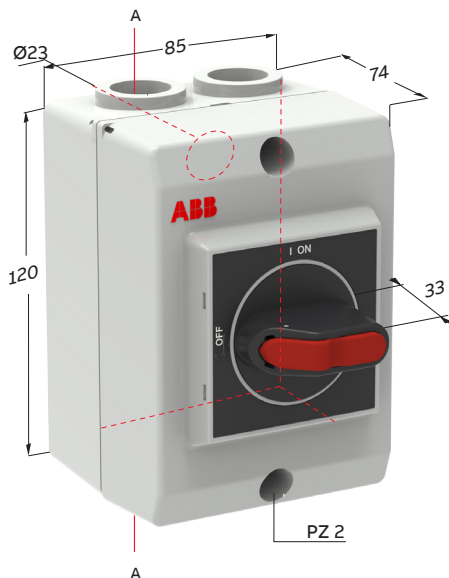
Wire type (Cu only)	1 Wire (mm ²)	Quick spring terminal 1 Wire (mm ²)	Stripping length	Tightening torque
Class 5-Flexible	1.5-16	1.5-10	9-10 mm	PZ 2 1 Nm
Class 2-Stranded	1.5-16	1.5-10		
Class 6-Very flexible with ferrule	0.75-4	1.5-4		
Class 1-Solid	0.75-6	1.5-4		

Auxiliary contact AUXG_



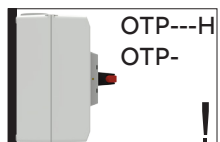
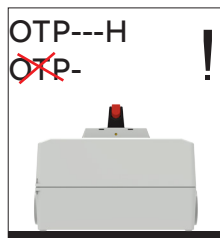
Wire type (Cu only)	1 Wire (mm ²)	Stripping length	Tightening torque
Class 5-Flexible	0.75-2.5	8-10 mm	PZ 2 0,8 Nm
Class 2-Stranded	0.75-2.5		
Class 6-Very flexible with ferrule	0.75-1.5		
Class 1-Solid	0.75-2.5		

Dimension drawings

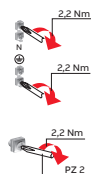

A

OTP_M_ = 2xM20

OTP_M25_ = 2xM25



Wiring for OTP16G_...25G_

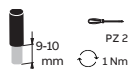


OT_16G_3_, OT_16G_4_
OT_25G_3_, OT_25G_4_



Wire type (Cu only)	1-2 Wire (mm ²)	Stripping length
Solid wire	1.5-10	
Stranded wire	4-10	
Fine stranded wire	1.5-2.5	

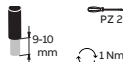
Wire type (Cu only)	1 Wire (mm ²)	Quick spring terminal 1 Wire (mm ²)	Stripping length	Tightening torque
Class 5-Flexible	1.5-16	1.5-10		
Class 2-Stranded	1.5-16	1.5-10		
Class 6-Very flexible with ferrule	0.75-4	1.5-4		
Class 1-Solid	0.75-6	1.5-4		



OT_16G_6_, OT_25G_6_



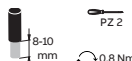
Wire type (Cu only)	1 Wire (mm ²)	Stripping length	Tightening torque
Class 5-Flexible	1.5-16		
Class 2-Stranded	1.5-16		
Class 6-Very flexible with ferrule	0.75-4		
Class 1-Solid	0.75-6		



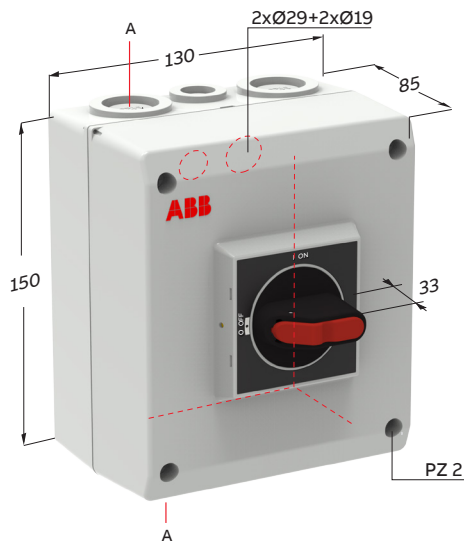
Auxiliary contact AUXG_



Wire type (Cu only)	1 Wire (mm ²)	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		

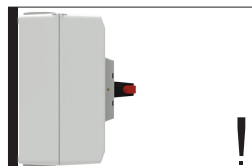
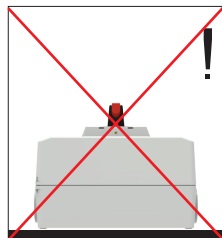


Dimension drawings

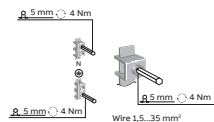


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OTP_M_ = 2xM25+M16



Wiring for OTP40G_



OT_40G_3_
OT_40G_4_



Wire type (Cu only)	1 Wire (mm²)	Quick spring terminal 1 Wire (mm²)	Stripping length	Tightening torque
Class 5-Flexible	1.5-16	1.5-10		
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_



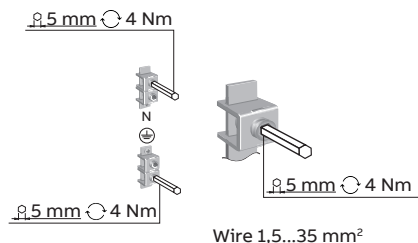
Wire type (Cu only)	1 Wire (mm²)	Stripping length	Tightening torque
Class 5-Flexible	1.5-16		
Class 2-Stranded	1.5-16		
Class 6-Very flexible with ferrule	0.75-4		
Class 1-Solid	0.75-6		

Auxiliary contact AUXG_



Wire type (Cu only)	1 Wire (mm²)	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		

Wiring for OTP63G_...80G_



OT_63G_3_, OT_63G_4_ OT_80G_3_, OT_80G_4_



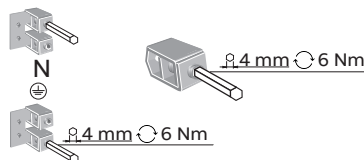
Wire type (Cu only)	1 Wire (mm ²)	Stripping length	Tightening torque
Class 5-Flexible	1.5-35	13-16 mm	PZ 2 2 Nm
Class 2-Stranded	1.5-35		
Class 6-Very flexible with ferrule	1.5-4		
Class 1-Solid	1.5-6		

Auxiliary contact AUXG_



Wire type (Cu only)	1 Wire (mm ²)	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		

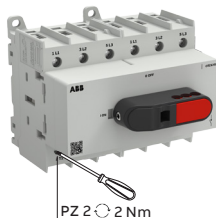
Wiring for OTP63G_...80G_

Wire 10...70 mm²

OT_63G_3_, OT_63G_4_
OT_80G_3_, OT_80G_4_



OT_63G_6_



Auxiliary contact AUXG_

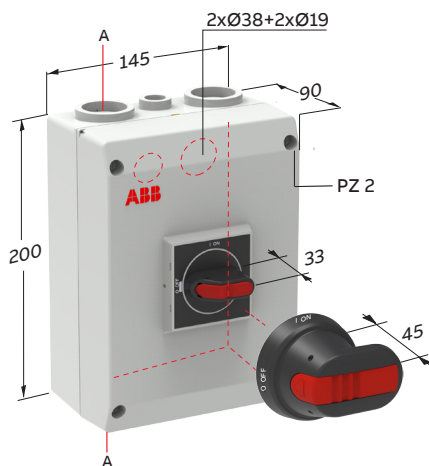


Wire type (Cu only)	1 Wire (mm ²)	Stripping length	Tightening torque
Class 5-Flexible	1.5-35		
Class 2-Stranded	1.5-35		PZ 2
Class 6-Very flexible with ferrule	1.5-4	13-16 mm	2 Nm
Class 1-Solid	1.5-6		

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

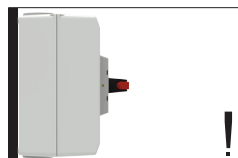
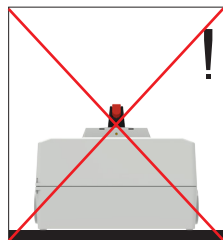
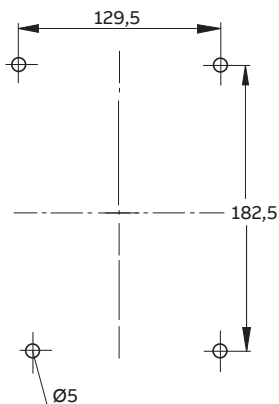
Wire type (Cu only)	1 Wire (mm ²)	Stripping length	Tightening torque
Class 5-Flexible	0.75-2.5		
Class 2-Stranded	0.75-2.5		PZ 2
Class 6-Very flexible with ferrule	0.75-1.5	8-10 mm	0,8 Nm
Class 1-Solid	0.75-2.5		

Dimension drawings



A

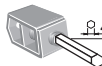
 OTP_M_ = 2xM32+M16



Wiring for OTP80G_...125G_



N



8.4 mm 6 Nm

Wire 10...70 mm²

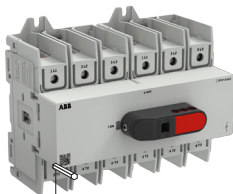
8.4 mm 6 Nm

OT_100G_3_
OT_100G_4_
OT_125G_3_
OT_125G_4_

OT_80G_6_



8.4 mm 6 Nm



8.4 mm 6 Nm

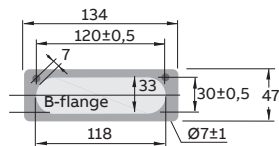
Wire type (Cu only)	1 Wire (mm ²)	Stripping length	Tightening torque
Class 5-Flexible	4-70	 16-18 mm	8.4 mm 6 Nm
Class 2-Stranded	4-70		
Class 6-Very flexible with ferrule	2.5-4		
Class 1-Solid	2.5-6		

Auxiliary contact AUXG_



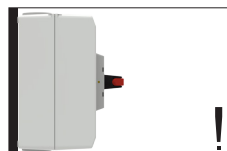
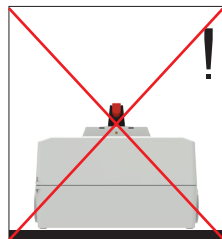
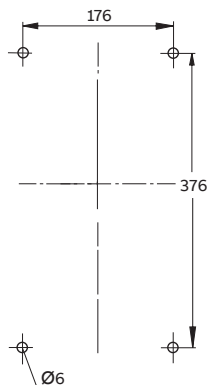
Wire type (Cu only)	1 Wire (mm ²)	Stripping length	Tightening torque
Class 5-Flexible	0.75-2.5	 8-10 mm	PZ 2 0.8 Nm
Class 2-Stranded	0.75-2.5		
Class 6-Very flexible with ferrule	0.75-1.5		
Class 1-Solid	0.75-2.5		

Dimension drawings

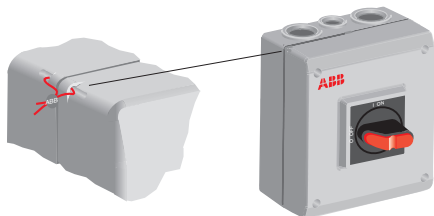
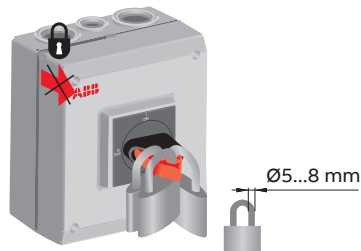
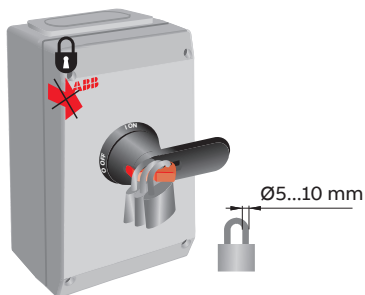
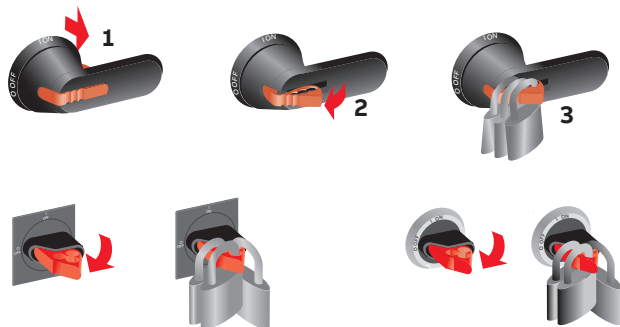
**A**

OTP_M = 2xM50+M16

OTP_B = B-flange



Padlocking handle





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



Contact us

ABB Oy

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Vaasa, Finland

abb.com/lowvoltage