

INSTALLATION INSTRUCTION

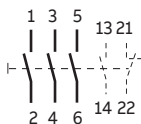
Enclosed Maintenance Switches

OTL16G_...125G_, OTR16G_...125G_,
OKL63G_...100G_

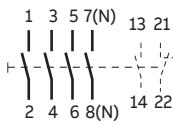


Terminal markings

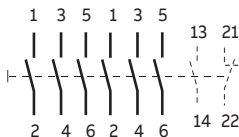
OKL_3_
OTL_3_
OTR_3_



OKL_4_
OTL_4_
OTR_4_

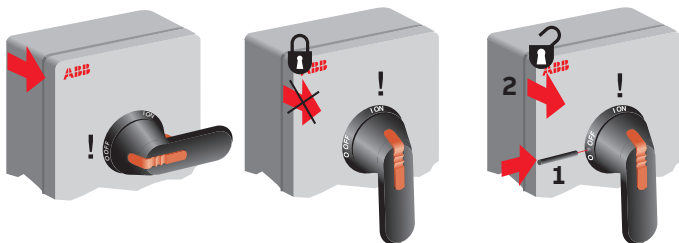


OTL_6_
OTR_6_



Opening of cover

A00054B1_4



054B1_2



Wiring for N-terminals in Enclosed Maintenance Switches



OT_16G_, OT_40G_

Neutral terminal PNG1

Wire type (Cu only)	1 Wire (mm ²)	Stripping length	Tightening torque
Class 5-Flexible	1.5-16		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		



OT_63_, OT_80G_

Neutral terminal PNG2

Wire type (Cu only)	1 Wire (mm ²)	Stripping length	Tightening torque
Class 5-Flexible	1.5-35		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		

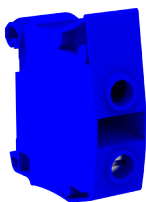


OT_100G_, OT_125G_

Neutral terminal PNG3

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

Wiring for N-terminals in Enclosed Maintenance Switches



OT_63G_6_

Neutral terminal

Wire type (Cu only)	1 Wire (mm ²)	Stripping length	Tightening torque
Rigid: Solid/Stranded	6-35		6.5 mm 2,9 Nm
Flexible without ferrule	6-35		
Flexible with non insulated ferrule	4-35		
Flexible with insulated ferrule	4-35		

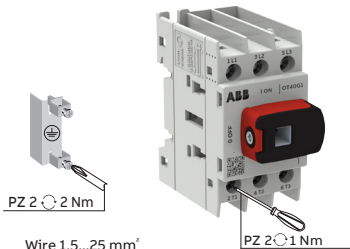


OT_63G_, OT_80G_, OT_100G_, OT_125G_ Auxiliary contact AUXG_

Wire type (Cu only)	1 Wire (mm ²)	Stripping length	Tightening torque
Class 5-Flexible	0.75-2.5		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 OT_16G_...OT_40G_

OT_16G3_, OT_25G3_, OT_40G3_
OT_16G4_, OT_25G4_, OT_40G4_

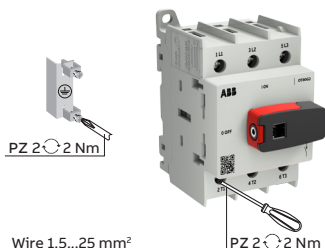


Wire type (Cu only)	1 Wire (mm ²)	Stripping length	Tightening torque
Class 5-Flexible	1.5-16		
Class 2-Stranded	1.5-16		
Class 6-Very flexible with ferrule	0.75-4		
Class 1-Solid	0.75-6		



Wiring for OT_63G_

OT_63G_

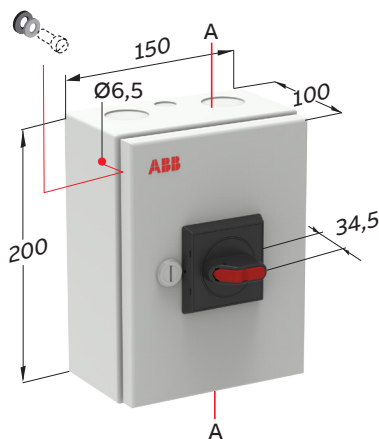


Wire type (Cu only)	1 Wire (mm ²)	Stripping length	Tightening torque
Class 5-Flexible	1.5-35		
Class 2-Stranded	1.5-35		
Class 6-Very flexible with ferrule	1.5-4		
Class 1-Solid	1.5-6		



Dimension drawings

OT_16G_...OT_63G_



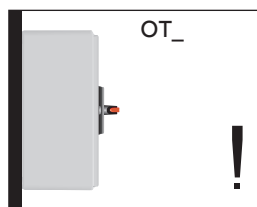
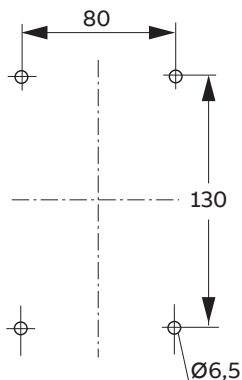
A

OT_16G_M = 2xØ25.5+Ø16.5

OT_25G_M = 2xØ25.5+Ø16.5

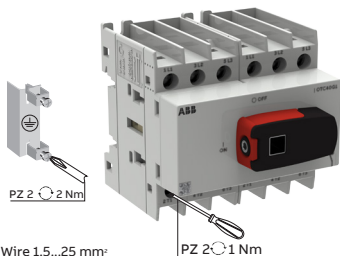
OT_40G_M = 2xØ32.5+Ø16.5

OT_63G_M = 2xØ32.5+Ø16.5



Wiring for OT_16G_6M...OT_40G_6M

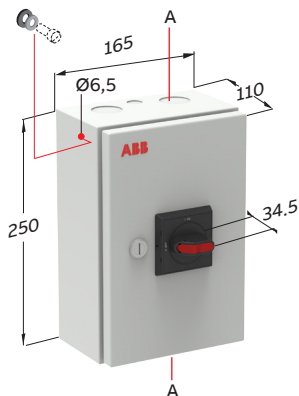
OT_16G_6_
OT_25G_6_
OT_40G_6_



Wire type (Cu only)	1 Wire (mm²)	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		

Dimension drawings

OT_16G_6M...OT_40G_6M

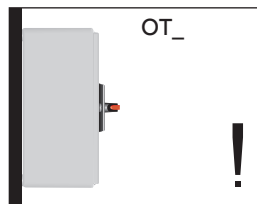
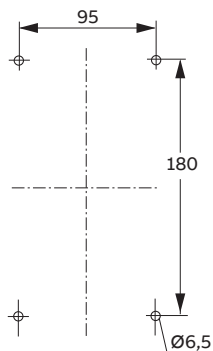


A

OT_16G_6M = $2 \times \varnothing 32.5 + \varnothing 16.5$

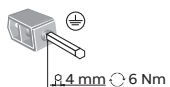
OT_25G_6M = $2 \times \varnothing 32.5 + \varnothing 16.5$

OT_40G_6M = $2 \times \varnothing 32.5 + \varnothing 16.5$



Wiring for OT_63G_...OT_125G_, OKL63G_...OKL80G_

OT_63...80G_

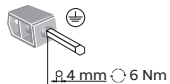


Wire 10...70 mm²

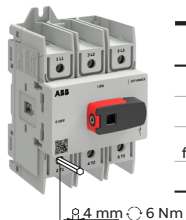


Wire type (Cu only)	1 Wire (mm ²)	Stripping length	Tightening torque
Class 5-Flexible	1.5-35		
Class 2-Stranded	1.5-35		PZ 2
Class 6-Very flexible with ferrule	1.5-4	13-16 mm	2 Nm
Class 1-Solid	1.5-6		

OT_100...125G_

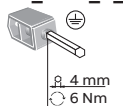


Wire 10...70 mm²

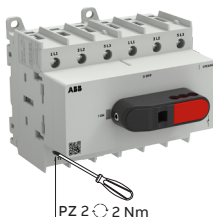


Wire type (Cu only)	1 Wire (mm ²)	Stripping length	Tightening torque
Class 5-Flexible	4-70		
Class 2-Stranded	4-70		4 mm
Class 6-Very flexible with ferrule	2.5-4	16-18 mm	6 Nm
Class 1-Solid	2.5-6		

OT_63G_6_



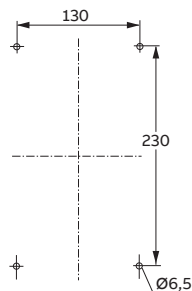
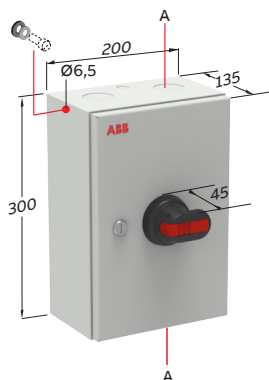
Wire 10...70 mm²



Wire type (Cu only)	1 Wire (mm ²)	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	13-16 mm	PZ 2
Class 1-Solid	1.5-6		

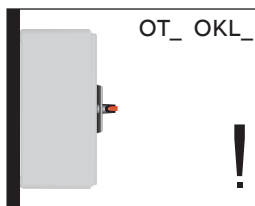
Dimension drawings

OT_63G_...OT_125G_, OKL63...80G_



A

OKL_63G_ = Blank
OKL_80G_ = Blank
OT_63G_M = 2xØ40,5+Ø16,5
OT_80G_M = 2xØ40,5+Ø16,5
OT_63G_6M = 2xØ40,5+Ø16,5
OT_100G_M = 2xØ50,5+Ø16,5
OT_125G_M = 2xØ50,5+Ø16,5



Wiring for OT_80G_6M

Wire 10...70 mm²

4 mm 6 Nm

OT_80G_6

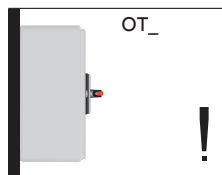
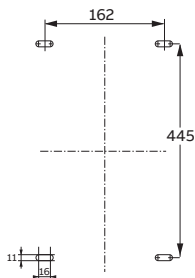
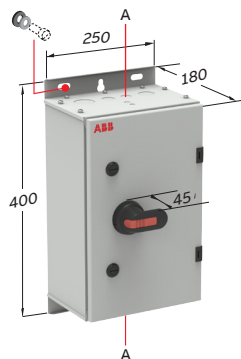


4 mm 6 Nm

Wire type (Cu only)	1 Wire (mm ²)	Stripping length	Tightening torque
Class 5-Flexible	4-70	4 mm 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		

Dimension drawings

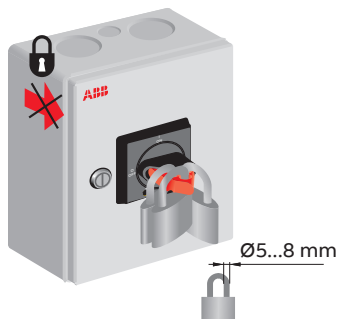
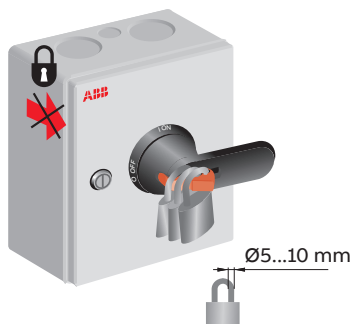
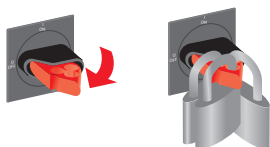
OT_80G_6M



A

$$OT_80G_6M = \varnothing 10 + \varnothing 12.5 + \varnothing 20.5 + \varnothing 25.5 + \varnothing 32.5 + \varnothing 40.5$$

Padlocking handle





BG	Внимание! Опасно напряжение! 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 electricista especializado.
DA	Advarsel! Farlig elektrisk spænding! Installation må kun foretages af personer med elektroteknisk ekspertise.
HU	Figyelemzetetés! Veszélyes feszültség! Csak elektrotechnikai tapasztalattal rendelkező szakember helyezheti üzembe.
RO	Avertizare! Tensiune periculoasă! Instalarea trebuie efectuată numai de către o persoană cu experiență în electrotehnică.
NL	Waarschuwing! Gevaarlijke spanning! Mag alleen geïnstalleerd worden door een deskundige elektrotechnicus.
IE	Rabhadh! Voltas gaiseach! Ba chóir do dhuine ag a bhfuil saineolas leictreicniúil, 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.



Contact us

ABB Oy

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abb.com/lowvoltage