SERIES 1881 - SINGLE-POLE ROUND ROCKER SWITCHES

TO 12 (4) A 250 V AC



PRODUCT FEATURES

- Attractive round rocker switch
- High mechanical rating with at least 100 000 switching cycles
- Variants with IP 51
- Low depth with 18.7 mm
- Appliance cut-out with 20 mm

ON REQUEST

- Other colors
- Other printing variants
- Other terminal variants (e.g. PCB)
- Cable assembly
- Gold-plated contacts for low voltages
- Other switching functions (e.g. 1888 - middle off)
- Painted variants
- PVC-protection cap

Mechanical life endurance		10E4
Operating force		3 N
Inrush current (capacitive)		70 A
Contact resistance (new condition)		< 100 mOhm (1 A 12 V DC)
Insulation resistance (new condition)		> 100 MOhm (500 V DC)
Proof tracking		250 PTI
Protection type		IP 40 and IP 51 (product-dependent)
Ambient temperature		terminal side -20 °C ... +100 °C actuating side -20 °C ... +55 °C
Flammability		UL 94 V-2 UL 94 V-0 (product-dependent)
Glow wire test temperature		850 °C
Material	actuator housing terminals	PA PA silver plated
Plug force of the terminals		≤ 80 N
Approval marks		/ / /
Suitable for appliances of protection class II		



SERIES 1881 - SINGLE-POLE ROUND ROCKER SWITCHES

TO 12 (4) A 250 V AC



single-pole

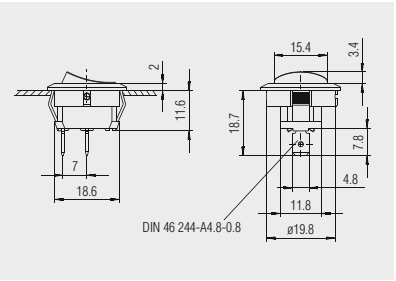
	Actuator color / printing	Housing color	12 (4) A 250 V AC 1E4	10 (4) A 250 V AC 1E4	8 (8) A 250 V AC 5E4	6 (4) A 250 V AV 5E4	15 A 250 V AC 1 1/2 HP	15 A 125 V AC 3/4 HP	10 A 250 V AC 1/2 HP	10 A 125 V AC 1/3 HP	Terminal type	Terminal description	Contact distance in mm	Contact material	Actuator	EN 60335 cap. 30 conform "G"	Miscellaneous	Stock version
ON / OFF switch (SPST)																		
1881.1103			●		●		●	●				4.8	≥ 3	Ag	IP 40			●
1881.1104			●		●		●	●				4.8	≥ 3	Ag	IP 40			●
1881.1105			●		●		●	●				4.8	≥ 3	Ag	IP 40			
1881.1106			●		●		●	●				4.8	≥ 3	Ag	IP 40	●		
1881.1108			●		●		●	●				4.8	≥ 3	Ag	IP 51	●	with swtiching system cover	
1881.1109			●		●		●	●				4.8	≥ 3	Ag	IP 40			
1881.1111			●		●		●	●				4.8	≥ 3	Ag	IP 40			
1881.1112			●		●		●	●				1 mm longer 4.8	≥ 3	Ag	IP 51	●	with swtiching system cover	
Normally open contact (SPNO)																		
1881.1209			●		●		●	●				4.8	≥ 3	Ag	IP 51		with swtiching system cover opening terminal 1b closed	
Changeover switch (SPDT)																		
1883.1105				●		●			●	●		4.8	≥ 3	Ag	IP 40			
1883.1106				●		●			●	●		4.8	≥ 3	Ag	IP 40	●		

SERIES 1881 - SINGLE-POLE ROUND ROCKER SWITCHES

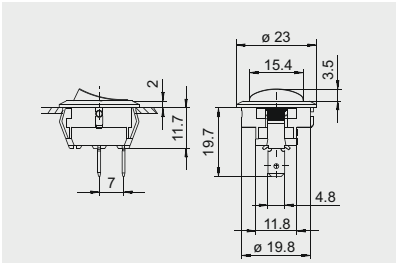
TO 12 (4) A 250 V AC



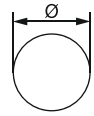
Basic type 1881



Quick-connect terminal 4.8 x 0.8



Quick-connect terminal 4.8 x 0.8
1 mm longer

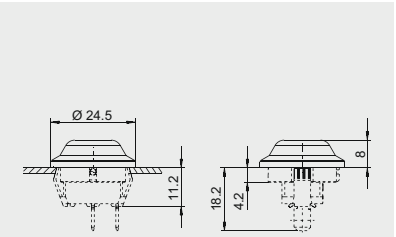


X = wall thickness

X	Ø
0.75 ... 1.25	20.3
1.25 ... 2	20.8
2 ... 3	21.1



Protection cap
on request



Transparent PVC-protection cap.
Serves as dust and water protection of the actuation side.

SERIES 1855 - MINIATURE DOUBLE-POLE ROCKER SWITCHES

TO 4 (1) A 250 V AC



PRODUCT FEATURES

- Illuminated rocker switches
- Different lamp variants
- Powerful with 50 000 mechanical switching cycles
- Caulked terminals for reliable plugging of the receptacles

ON REQUEST

- Other colors
- Other printing variants
- Other terminal types
- Other lamp variants
- Cable assembly

Mechanical life endurance		5E4
Contact resistance (new condition)		< 100 mOhm (1 A 12 V DC)
Insulation resistance (new condition)		> 100 MOhm (500 V DC)
Proof tracking		250 PTI
Protection type		IP 40
Ambient temperature		terminal side -20 °C ... +85 °C actuating side -20 °C ... +55 °C
Flammability		UL 94 V-2
Glow wire test temperature		850 °C
Material	actuator housing terminals	PA PA silver plated
Plug force of the terminals		≤ 80 N
Approval marks		/ /
Suitable for appliances of protection class II		





