

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 connection variants (e.g. PCB)
- ◆ Cable assembly
- ◆ Gold-plated contacts for low voltages
- ◆ Changeover switch
- ◆ Painted variants

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)
Voltage strength at 250 V	1 500 V function insulation / basic insulation 3 000 V reinforced insulation 500 V small contact distance
Proof tracking	250 PTI
Insulation spacing	acc. to EN 61058 for reinforced or double insulation
Protection type	IP 40 and IP 51 (product-dependent)
Ambient temperature	connection side -20 °C ... +100 °C actuating side -20 °C ... +55 °C
Flammability	UL 94 V-0 (product-dependent) UL 94 V-2
Heat and fire resistance	850 °C (category D)
Material	actuator PA housing PA connections silver-plated
Plug force of the terminals	≤ 80 N
Approval marks	 / 
Suitable for appliances of protection class II	



ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

POWER TOOL SWITCHES

TACT AND KEY SWITCHES

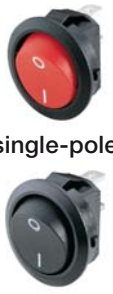
SNAP-ACTION SWITCHES

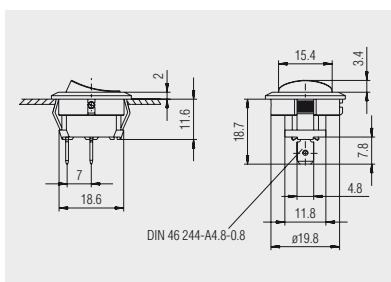
MICRO-SIGNAL SWITCHES

SENSORS

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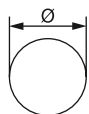
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 single-pole	Actuator color / printing	Housing color	12 (4) A 250 V AC 1E4	8 (8) A 250 V AC 5E4	15 A 250 V AC 1 1/2 HP	15 A 125 V AC 3/4 HP	Connection type	Connection description	Contact distance in mm	Contact material	Actuator	EN 60335 cap. 30 conform "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 switching system cover	●
Normally open contact (SPNO)														
1881.1209			●	●	●	●		4.8	≈ 3	Ag	IP 51		opening connection 1b closed with switching system cover	



 Quick-connect terminal 4.8

Basic type 1881



X = Wall thickness

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

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