

SERIES 1858 - SMALLEST DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC



PRODUCT FEATURES

- ◆ Non-illuminated rocker switch
- ◆ Powerful with inrush currents (capacitive) up to 100 A
- ◆ Immediately self-extinguishing due to UL 94 V-0 material
- ◆ Conformant acc. to EN 60065 par. 14.6

ON REQUEST

- ◆ Other colors
- ◆ Other printing variants
- ◆ Single-pole assembled
- ◆ Cable assembly

Mechanical life endurance	10E4
Operating force	≤ 5 N
Inrush current (capacitive)	100 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
Ambient temperature	connection side -20 °C ... +100 °C actuating side -20 °C ... +55 °C
Flammability	UL 94 V-0 UL 94 V-2 (in the versions in white)
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	



SERIES 1858 - SMALLEST DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

 double-pole	Actuator color / printing	Housing color	10 (4) A 250 V AC 1E4	6 (4) A 250 V AC 5E4	12 A 250 V AC 1/2 HP	12 A 125 V AC 1/3 HP	Connection type	Connection description	Contact distance in mm	Contact material	EN 60335 cap. 30 conform "G"	Miscellaneous	Stock version
ON/OFF switch (DPST)													
1858.0103			●	●	●	●		≥ 3	Ag	●			●
1858.0104			●	●	●	●		≥ 3	Ag	●			●
1858.1102			●	●	●	●	 4.8	≥ 3	Ag	●			●
1858.1103			●	●	●	●	 4.8	≥ 3	Ag	●			●
1858.1104			●	●	●	●	 4.8	≥ 3	Ag	●			
1858.1105			●	●	●	●	 4.8	≥ 3	Ag		connection spacing 10		
1858.2202			●	●	●	●		≥ 3	Ag	●			●
1858.2204			●	●	●	●		≥ 3	Ag	●			
1858.4202			●	●	●	●		≥ 3	Ag	●			●
1858.4205			●	●	●	●		≥ 3	Ag	●			●
1858.5104			●	●	●	●		≥ 3	Ag	●	single-pole occupied		
1858.7204			●	●	●	●		≥ 3	Ag	●	single-pole occupied		
1858.9202			●	●	●	●		≥ 3	Ag	●	single-pole occupied		

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

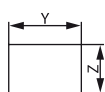
SWITCHES

SERIES 1858 - SMALLEST DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

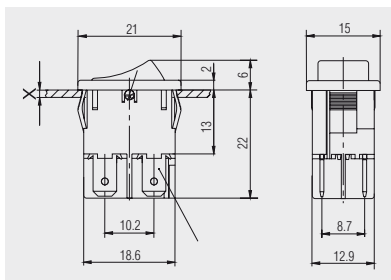


Basic type 1858
double-pole

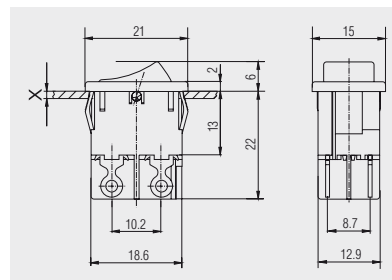


X = Wall thickness

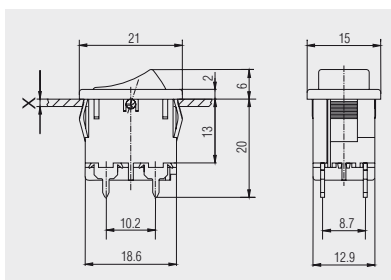
X	Y	Z
0.75 ... 1.25	19.2 ^{-0.1}	12.9 ^{+0.1}
1.25 ... 2	19.4 ^{-0.1}	12.9 ^{+0.1}
2 ... 3	19.8 ^{-0.1}	12.9 ^{+0.1}



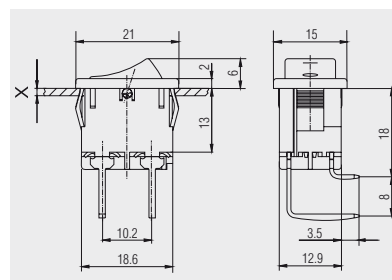
Quick-connect terminal 4.8



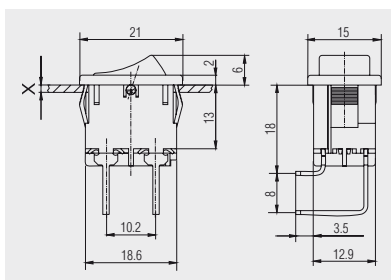
Solder terminal



PCB terminal



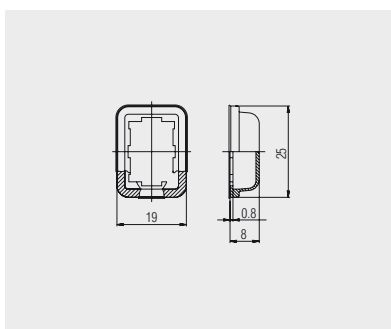
PCB terminal angled to
terminal side 1



PCB terminal angled to
terminal side 2



Protection cap
203.089.011



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

PRECISION SALES INC
38 Bishop Hollow Rd
Newtown Square PA 19073
www.precisionsales.com
eparts@precisionsales.com
Fax : 610-353-1674
610-359-1002