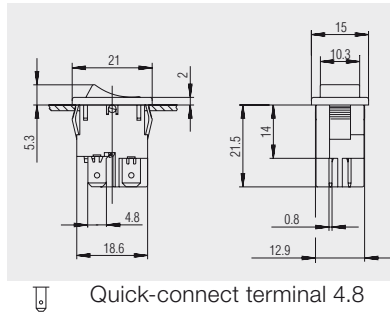


# SERIES 1855 - SMALLEST DOUBLE-POLE ROCKER SWITCHES

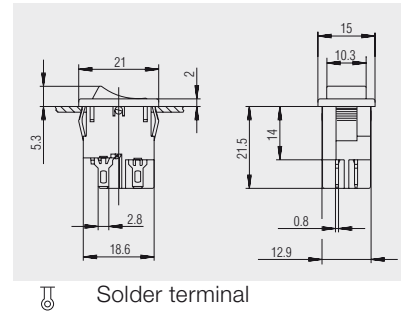
TO 4 (1) A 250 V AC



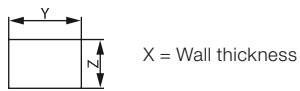
Basic type 1855



Quick-connect terminal 4.8



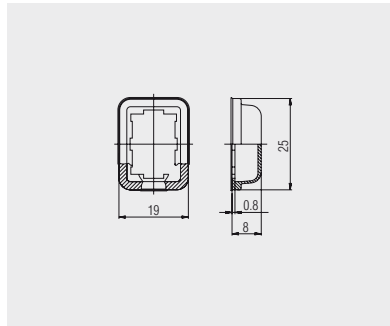
Solder terminal



X	Y	Z
0.75 ... 1.25	19.2 <sup>-0.1</sup>	12.9 <sup>+0.1</sup>
1.25 ... 2	19.4 <sup>-0.1</sup>	12.9 <sup>+0.1</sup>
2 ... 3	19.8 <sup>-0.1</sup>	12.9 <sup>+0.1</sup>



Protection cap  
203.089.011



Transparent PVC-protection cap.  
Serves as dust and water protection  
for the actuating side.

# 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

	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
<b>ON/OFF switch (DPST)</b>													
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	

Further information under

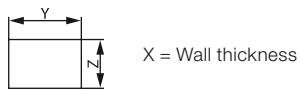
[WWW.MARQUARDT.DE](http://WWW.MARQUARDT.DE)

# SERIES 1858 - SMALLEST DOUBLE-POLE ROCKER SWITCHES

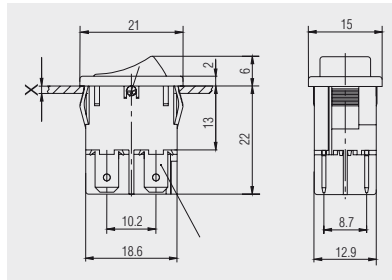
T0 12 (4) A 250 V AC



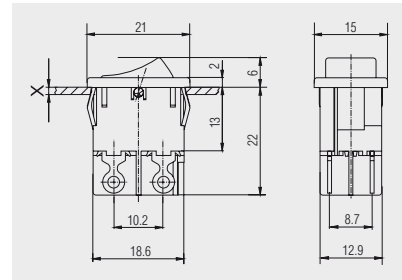
Basic type 1858  
double-pole



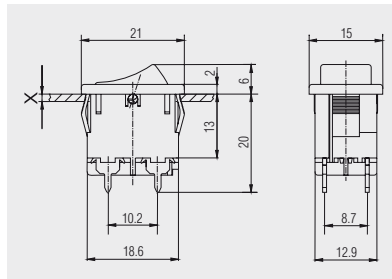
X	Y	Z
0.75 ... 1.25	19.2 <sup>-0.1</sup>	12.9 <sup>+0.1</sup>
1.25 ... 2	19.4 <sup>-0.1</sup>	12.9 <sup>+0.1</sup>
2 ... 3	19.8 <sup>-0.1</sup>	12.9 <sup>+0.1</sup>



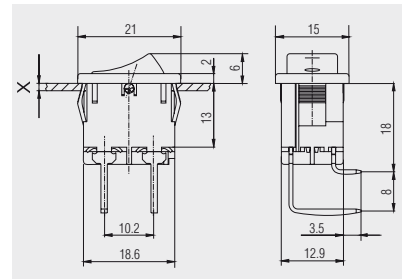
Quick-connect terminal 4.8



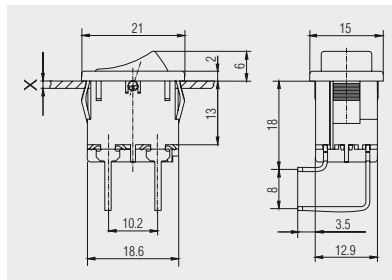
Solder terminal



PCB terminal



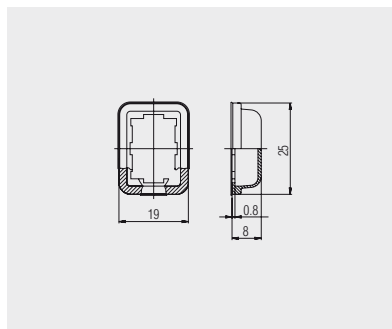
PCB terminal angled to  
terminal side 1



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.