SERIES 1858 - MINIATURE DOUBLE-POLE ROCKER SWITCHES

TO 10 (4) A 250 V AC 1E4



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)
Proof tracking		250 PTI
Protection type		IP 40
Ambient temperature		terminal 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)
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		







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	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	Terminal type	Terminal 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		terminal spacing 10	
1858.2202			●	●	●	●			≥ 3	Ag	●		●
1858.2204			●	●	●	●			≥ 3	Ag	●		
1858.4202			●	●	●	●			≥ 3	Ag	●		●
1858.4205			●	●	●	●			≥ 3	Ag	●		●
1858.9202			●	●	●	●			≥ 3	Ag	●	single-pole occupied	

Further information under

WWW.MARQUARDT-SWITCHES.COM

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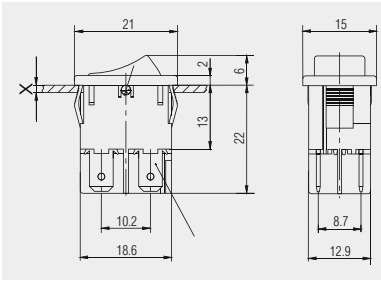
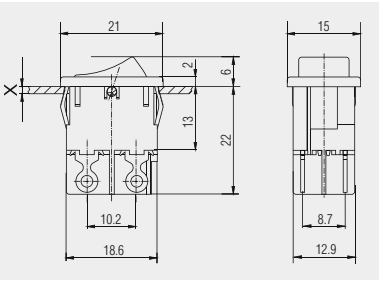
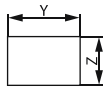
Basic type 1858
double-pole



Quick-connect terminal
4.8 x 0.8

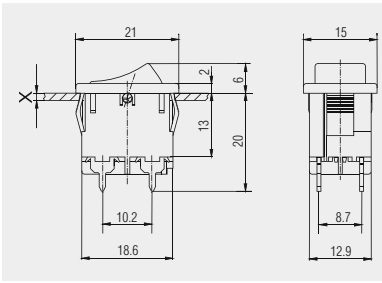


Solder terminal

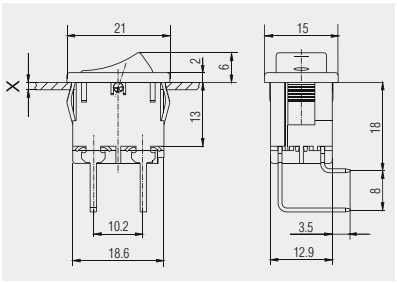


X = wall thickness

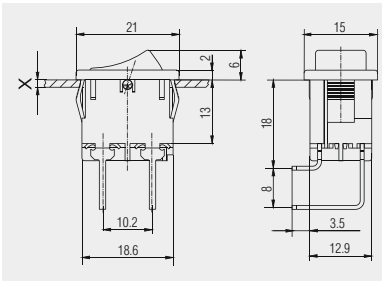
X	Y	Z
0.75 ... 1.25	19.2 $^{-0.1}$	12.9 $^{+0.1}$
1.25 ... 2	19.4 $^{-0.1}$	12.9 $^{+0.1}$
2 ... 3	19.8 $^{-0.1}$	12.9 $^{+0.1}$



PCB terminal



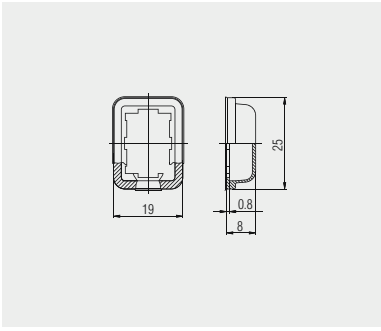
PCB terminal angled to
terminal side 1



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.