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Technical data

Product image / Drawings

Product number	1858.0103	
Actuator color / printing		
Product family	Rocker switches	
Actuation type	direct	
Weight	5.050 g	
Switch on continuous current (capacitive)	5 A	
Inrush current (capacitive)	100 A	
ROHS conform	yes	
Switching function	ON / OFF switch (DPST)	
Material fixed contact	Ag	
Number of poles	2 - pole	
connections	Solder terminal	
Mechanical life endurance	10E4	
Rating IEC	10 (4) A 250 V AC 1E4 6 (4) A 250 V AC 5E4	
Rating North America	12 A 125 V AC 1/3 HP 12 A 250 V AC 1/2 HP	
Contact resistance (new condition)	< 100 (1 A 12 V DC) mOhm	
Insulation resistance (new condition)	> 100 (500 V DC) MOhm	
Voltage strength at 250 V	function insulation / basic insulation	1 500 V
	reinforced insulation	3 000 V
	small contact distance	500 V
Proof tracking	250 PTI	
Insulation spacing	acc. to EN 61058 for reinforced or double insulation	
Protection type	Connection	IP 40
	Actuator	IP 40
Ambient temperature	-20 °C ... +100 °C	
Ambient temperature	-20 °C ... +55 °C	
Storage temperature	-40 °C ... +80 °C	
Flammability	UL 94 V-0	
Glow wire test temperature	850 °C	
Actuators and additional actuators	rocker: PA, black, identification white	
Housing description	housing: PA, black, cover frame with injected identification	
Connection surface	bearing connection	silver plated
	external connection	silver plated
Contact material	Ag	
Contact distance	≥ 3 mm	
Rating Code UL	R 138	
Contact type	lifting contact	
Plug force of the terminals	≤ 80 N	



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

Operating force	≤ 5 N
Approval marks	CSA / UL / ENEC 05
Suitable for appliances of protection class	II
EN 60335 cap. 30 conform "G"	yes
Additional labeling	year/week of manuf. acc. to DIN EN 60062
Type of fastening	Snap fastening
Degree of pollution	3
Stock version	●