




Marquardt Mechatronik GmbH  
Schloss-Str. 16  
78604 Riethem-Weilheim  
Germany

Phone: +49 (0) 7424 / 99-0  
Fax: +49 (0) 7424 / 99-2399  
Net: www.marquardt.de  
E-mail: marquardt@marquardt.de

### Technical data

### Product image / Drawings

<b>Product number</b>	<b>1881.1104</b>	
Actuator color / printing		
Product family	Rocker switches	
Actuation type	direct	
Weight	3.210 g	
Switch on continuous current (capacitive)	5 A	
Inrush current (capacitive)	70 A	
ROHS conform	yes	
Switching function	ON / OFF switch (SPST)	
Material fixed contact	Ag	
Number of poles	1 - pole	
connections	Quick-connect terminal, 4.8 x 0.8	
Mechanical life endurance	10E4	
Rating IEC	12 (4) A 250 V AC 1E4 8 (8) A 250 V AC 5E4	
Rating North America	15 A 125 V AC 3/4 HP 15 A 250 V AC 1 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-2	
Glow wire test temperature	850 °C	
Actuators and additional actuators	rocker: PA, red, identification white	
Housing description	housing: PA, black	
Connection surface	bearing connection	silver plated
	external connection	silver plated
Contact material	Ag	
Contact distance	≥ 3 mm	
Rating Code UL	R 149	
Contact type	lifting contact	
Plug force of the terminals	≤ 80 N	



X = wall thickness

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

Operating force	3 N
Approval marks	cULus / ENEC 05
Suitable for appliances of protection class	II
Type of fastening	Snap fastening
Degree of pollution	3
Stock version	●