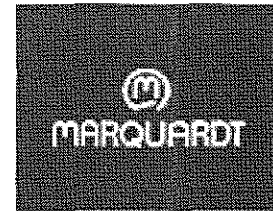


ROCKER SWITCHES

PRODUCT NUMBER 1800.1102



TECHNICAL DATA

Product number	1800.1102	
Business unit	Switches, Sensors & Controls	
Product Manager	Heinichen	
Product family	Rocker switches	
Actuation type	direct	
Packing unit	500	
Weight	4 230 g	
ROHS conform	yes	
Output	catalog before 2009 / Web-Shop / catalog	
Distributor	EVG / REPRO	
Switching function	ON / OFF switch (SPST)	
Material fixed contact	Cu silver-plated	
Number of poles	1 - pole	
connections	Quick-connect terminal, 4 8 x 0 8	
Mechanical life endurance	5E4	
Rating IEC	10 (4) A 250 V AC 1E4 6 (4) A 250 V AC 5E4	
Rating North America	6 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	→ connection side	-20 °C +100 °C

Ambient temperature	→ Actuation side min	-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 PC, transparent red	
Housing description		housing PA, black	
Connection surface	→ bearing connection	silver plated	
	→ external connection	silver plated	
Contact material		Ag	
Contact distance		≥ 3 mm	
Lighting		function illumination glow lamp, 230 V, red	
Rating Code UL		R 87	
Contact type		lifting contact	
Plug force of the terminals		≤ 80 N	
Operating force		3 - 8 N	
Approval marks		CSA / UL / ENEC 05	
Suitable for appliances of protection class		II	
Type of fastening		Snap fastening	
Degree of pollution		3	
Stock version		●	

Technical changes reserved Dimensions are not binding
Detailed specifications available on request

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