

ROCKER SWITCHES

PRODUCT NUMBER 1800.1102



TECHNICAL DATA

Product number	1800.1102	
Business unit	Switches, Sensors & Controls	
Product Manager	-	
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 / ENEC 05 / UL	
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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