

ROCKER SWITCHES

PRODUCT NUMBER 1855.0102



TECHNICAL DATA

Product number	1855.0102	
Business unit	Switches, Sensors & Controls	
Product Manager	-	
Product family	Rocker switches	
Actuation type	direct	
Packing unit	400	
Weight	4.000 g	
ROHS conform	yes	
Output	catalog before 2009 / catalog	
Distributor	REPRO	
Switching function	ON / OFF switch (DPST)	
Material fixed contact	Ag	
Number of poles	2 - pole	
connections	Solder terminal	
Mechanical life endurance	5E4	
Rating IEC	4 (1) A 250 V AC 1E4	
Rating North America	4 A 250 V AC 1/10 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	<ul style="list-style-type: none"> → function insulation / basic insulation → reinforced insulation → small contact distance 	<ul style="list-style-type: none"> 1 500 V 3 000 V 500 V
Proof tracking	250 PTI	
Insulation spacing	acc. to EN 61058 for reinforced or double insulation	
Protection type	<ul style="list-style-type: none"> → Connection → Actuator 	<ul style="list-style-type: none"> IP 40 IP 40
Ambient temperature	→ connection side	-20 °C ... +85 °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: PA, transparent red, identification white on top visible in OFF position	
Housing description	housing: PA, black	
Connection surface	→ bearing connection → external connection	silver plated silver plated
Contact material	Ag	
Contact distance	≥ 3 mm	
Lighting	function illumination: glow lamp, 230 V, red	
Rating Code UL	R 69	
Contact type	lifting contact	
Plug force of the terminals	≤ 80 N	
Operating force	≤ 5 N	
Approval marks	CSA / ENEC 05 / UL	
Suitable for appliances of protection class	II	
Additional labeling	site, year, month of manuf. acc. to DIN EN 60062	
Type of fastening	Snap fastening	
Degree of pollution	3	

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

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