

ROCKER SWITCHES

PRODUCT NUMBER 1838.3502



TECHNICAL DATA

Product number	1838.3502	
Business unit	Switches, Sensors & Controls	
Product Manager	Heinichen	
Product family	Rocker switches	
Actuation type	direct	
Packing unit	250	
Weight	6 000 g	
ROHS conform	yes	
Output	catalog before 2009 / catalog	
Distributor	EVG / REPRO	
Switching function	Changeover switch with OFF position in the center (SPDT - Center OFF)	
Material fixed contact	Ag	
Number of poles	1 - pole	
connections	Quick-connect terminal, 6 3 x 0 8	
Mechanical life endurance	5E4	
Rating IEC	6 (4) A 250 V AC	
Rating North America	6 A 125 - 250 V AC 1/8 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 +105 °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, black	
Housing description	housing PA, black	
Connection surface	→ bearing connection → external connection	silver plated silver plated
Contact material	Cu silver plated	
Contact distance	≥ 3 mm	
Rating Code UL	R 58	
Contact type	lifting contact	
Plug force of the terminals	≤ 80 N	
Approval marks	CSA / UL / ENEC 05	
Suitable for appliances of protection class	II	
Type of fastening	Snap fastening	
Degree of pollution	3	
Rated impulse withstand voltage	2500 V	
Stock version	●	

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

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