

ROCKER SWITCHES

PRODUCT NUMBER 1833.3307



TECHNICAL DATA

Product number	1833.3307
Business unit	Switches, Sensors & Controls
Product Manager	-
Product family	Rocker switches
Actuation type	direct
Packing unit	200
Weight	6.180 g
ROHS conform	yes
Output	catalog before 2009 / catalog
Distributor	EVG / REPRO
Switching function	Changeover switch (SPDT)
Material fixed contact	Cu silver-plated
Number of poles	1 - pole
connections	Quick-connect terminal, 6.3 x 0.8
Mechanical life endurance	10E4
Rating IEC	10 (4) A 250 V AC 1E4 6 (4) A 250 V AC 5E4
Rating North America	6 A 125 V AC 1/4 HP 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	<ul style="list-style-type: none"> → 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	<ul style="list-style-type: none"> → 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-0	
Glow wire test temperature	850 °C	
Actuators and additional actuators	rocker: PA, black, 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 30	
Contact type	lifting contact	
Plug force of the terminals	≤ 80 N	
Approval marks	CSA / ENEC 05 / UL	
Suitable for appliances of protection class	II	
EN 60335 cap. 30 conform "G"	yes	
Additional labeling	site, year, week of manuf. acc. to DIN EN 60062	
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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