

ROCKER SWITCHES

PRODUCT NUMBER 1831.3313



TECHNICAL DATA

Product number	1831.3313	
Business unit	Switches, Sensors & Controls	
Product Manager	Heinichen	
Product family	Rocker switches	
Actuation type	direct	
Packing unit	200	
Weight	5.475 g	
Switch on continuous current (capacitive)	5 A	
Inrush current (capacitive)	120 A	
ROHS conform	yes	
Output	catalog before 2009 / Web-Shop / catalog	
Switching function	ON / OFF switch (SPST)	
Material fixed contact	Ag	
Number of poles	1 - pole	
connections	Quick-connect terminal, 6.3 x 0.8	
Mechanical life endurance	10E4	
Rating IEC	20 (4) A 250 V AC 1E4 10 (8) A 250 V AC 5E4	
Rating North America	16 A 125 V AC 1/3 HP 16 A 250 V AC 1 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	-20 °C ... +105 °C	
Ambient temperature	-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, 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 11
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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