

ROCKER SWITCHES

PRODUCT NUMBER 1803 2102



TECHNICAL DATA

Product number	1803.2102	
Business unit	Switches, Sensors & Controls	
Product Manager	Heinichen	
Product family	Rocker switches	
Actuation type	direct	
Packing unit	500	
Weight	3 160 g	
ROHS conform	yes	
Output	catalog before 2009 / Web-Shop / catalog	
Switching function	Changeover switch (SPDT)	
Material fixed contact	Cu silver-plated	
Number of poles	1 - pole	
connections	PCB terminal	
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	→ 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 PA, black
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 / UL / ENEC 05
Suitable for appliances of protection class	II
Additional labeling	site, year, week of manuf acc to DIN EN 60062
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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