

# ROCKER SWITCHES

PRODUCT NUMBER 1808.2102



## TECHNICAL DATA

<b>Product number</b>	<b>1808.2102</b>	
Business unit	Switches, Sensors & Controls	
Product Manager	-	
Product family	Rocker switches	
Actuation type	direct	
Packing unit	500	
Miscellaneous	PCB tinned	
Weight	3.426 g	
ROHS conform	yes	
Output	catalog before 2009 / Web-Shop / catalog	
Switching function	Changeover switch with OFF position in the center (SPDT - Center OFF)	
Material fixed contact	Cu silver-plated	
Number of poles	1 - pole	
connections	PCB terminal	
Mechanical life endurance	5E4	
Rating IEC	6 (2) A 250 V AC 1E4	
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	<ul style="list-style-type: none"> <li>→ function insulation / basic insulation</li> <li>→ reinforced insulation</li> <li>→ small contact distance</li> </ul>	<ul style="list-style-type: none"> <li>1 500 V</li> <li>3 000 V</li> <li>500 V</li> </ul>
Proof tracking	250 PTI	
Insulation spacing	acc. to EN 61058 for reinforced or double insulation	
Protection type	<ul style="list-style-type: none"> <li>→ Connection</li> <li>→ Actuator</li> </ul>	<ul style="list-style-type: none"> <li>IP 40</li> <li>IP 40</li> </ul>

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	hot dipped tinned (stationary contact)
	→ external connection	silver plated
Contact material	Ag	
Contact distance	< 3 mm	
Rating Code UL	R 58	
Contact type	lifting contact	
Plug force of the terminals	≤ 80 N	
Approval marks	CSA / ENEC 05 / UL	
Suitable for appliances of protection class	II	
Miscellaneous	PCB tinned	
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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