


**Technical data**

**Product image / Drawings**

<b>Product number</b>	<b>1809.1102</b>									
Actuator color / printing										
Product family	Rocker switches									
Actuation type	direct									
Weight	6.960 g									
ROHS conform	yes									
Switching function	Changeover switch with OFF position in the center (DPDT - Center OFF)									
Material fixed contact	Cu silver-plated									
Number of poles	2 - pole									
connections	Quick-connect terminal, 4.8 x 0.8									
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	<table border="0"> <tr> <td>function insulation / basic insulation</td> <td>1</td> <td>500 V</td> </tr> <tr> <td>reinforced insulation</td> <td>3</td> <td>000 V</td> </tr> <tr> <td>small contact distance</td> <td></td> <td>500 V</td> </tr> </table>	function insulation / basic insulation	1	500 V	reinforced insulation	3	000 V	small contact distance		500 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	<table border="0"> <tr> <td>Connection</td> <td>IP 40</td> </tr> <tr> <td>Actuator</td> <td>IP 40</td> </tr> </table>	Connection	IP 40	Actuator	IP 40					
Connection	IP 40									
Actuator	IP 40									
Ambient temperature	-20 °C ... +100 °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									
Housing description	housing: PA, black									
Connection surface	<table border="0"> <tr> <td>bearing connection</td> <td>silver plated</td> </tr> <tr> <td>external connection</td> <td>silver plated</td> </tr> </table>	bearing connection	silver plated	external connection	silver plated					
bearing connection	silver plated									
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 / 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									



X = wall thickness

X	Y	Z
0.75 ... 1.25	19.2 -0.1	21.9 +0.1
1.25 ... 2	19.4 -0.1	21.9 +0.1
2 ... 3	19.8 -0.1	21.9 +0.1