



Marquardt Mechatronik GmbH
Schloss-Str. 16
78604 Rietheim-Weilheim
Germany

Phone: +49 (0) 7424 / 99-0
Fax: +49 (0) 7424 / 99-2399
Net: www.marquardt.de
E-mail: marquardt@marquardt.de

Technical data

Product image / Drawings



Product number	1824.1101						
Actuator color / printing							
Product family	Toggle switches						
Actuation type	direct						
Weight	12.352 g						
ROHS conform	yes						
Switching function	Changeover switch (DPDT)						
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 (4) A 250 V AC 5E4						
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> <tr> <td>function insulation / basic insulation</td><td>1 500 V</td></tr> <tr> <td>reinforced insulation</td><td>3 000 V</td></tr> <tr> <td>small contact distance</td><td>500 V</td></tr> </table>	function insulation / basic insulation	1 500 V	reinforced insulation	3 000 V	small contact distance	500 V
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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> <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	lever: PA, black						
Housing description	housing: PA, black bracket: PA glass fiber-reinforced, black threaded socket: PA glass fiber-reinforced, black, with round nut of nickel-plated CuZn enclosed loosely, hexagonal nuts of nickel-plated CuZn						
Connection surface	<table> <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						
Contact type	lifting contact						
Plug force of the terminals	≤ 80 N						
Approval marks	ENEC 05						
Suitable for appliances of protection class	II						
Additional labeling	site, year, week of manuf. acc. to DIN EN 60062						
Type of fastening	central fastening M12 x 0.75						
Degree of pollution	3						
Stock version							