

# SNAP-ACTION SWITCHES

PRODUCT NUMBER 1050.0102



## TECHNICAL DATA

<b>Product number</b>	<b>1050.0102</b>						
Business unit	Switches, Sensors & Controls						
Product Manager	-						
Product family	Snap-action switches						
Actuation type	indirect						
Packing unit	500						
Weight	1.760 g						
ROHS conform	yes						
Output	catalog before 2009 / Web-Shop / catalog						
Switching function	Changeover switch (SPDT momentary)						
Material fixed contact	Ag						
Number of poles	1 - pole						
connections	Solder terminal, sealed						
Mechanical life endurance	10E6						
Rating IEC	5 A 250 V AC 5E4						
Rating North America	5 A 125 - 250 V AC 1/10 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> <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	175 PTI						
Insulation spacing	acc. to EN 61058 for reinforced or double insulation						
Protection type	<table> <tr> <td>→ Connection</td> <td>IP 00</td> </tr> <tr> <td>→ Actuator</td> <td>IP 40</td> </tr> </table>	→ Connection	IP 00	→ Actuator	IP 40		
→ Connection	IP 00						
→ Actuator	IP 40						
Ambient temperature	→ connection side -40 °C ... +100 °C						
Storage temperature	-40 °C ... +100 °C						

Flammability	UL 94 V-2
Glow wire test temperature	850 °C
Actuators and additional actuators	standard actuator PA, black
Housing description	housing: PBTP, blue
Connection surface	→ bearing connection silver plated → external connection tinned
Contact material	Ag
Contact distance	< 3 mm
Rating Code UL	R 56
Contact type	jump contact
Operating force	≤ 1.5 N
Bounce time	< 5 ms
Difference travel max.	0.2 mm
Pretravel max.	1.2 mm
Overtravel	0.6 mm
Free position (FP) max.	9.15 ±0.15 mm
Operating position (OP)	8.4 ±0.3 mm
Permissible total travel position	7.5 mm
Approval marks	UL Listed / ENEC 10 / CSA / UL
Suitable for appliances of protection class	II
Degree of pollution	2
Stock version	●

Technical changes reserved. Dimensions are not binding.

Detailed specifications available on request.

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