

SNAP-ACTION SWITCHES

PRODUCT NUMBER 1005.1207



TECHNICAL DATA

Product number	1005.1207						
Business unit	Switches, Sensors & Controls						
Product Manager	-						
Product family	Snap-action switches						
Actuation type	indirect						
Packing unit	400						
Weight	6.770 g						
ROHS conform	yes						
Output	catalog before 2009 / Web-Shop / catalog						
Switching function	Normally open contact (SPNO)						
Material fixed contact	Ag						
Number of poles	1 - pole						
connections	Quick-connect terminal, 6.3 x 0.8						
Mechanical life endurance	10E6						
Rating IEC	20 (4) A 400 V AC 1E4 16 (4) A 400 V AC 5E4 10 (6) A 250 V AC 5E4						
Design	DIN 41635 A						
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						
Ambient temperature	→ connection side -40 °C ... +100 °C						
Storage temperature	-40 °C ... +80 °C						
Flammability	UL 94 (housing: V-0, actuator: V-2)						

Glow wire test temperature	850 °C
Actuators and additional actuators	Ultramid, natural, standard actuator
Housing description	cover: Duroplast type 182, red base plate: Duroplast type 182, red
Connection surface	→ bearing connection silver plated → external connection silver plated
Contact material	Ag
Contact distance	< 3 mm
Contact type	friction jump contact
Operating force	2.4 - 3.8 N
Bounce time	< 10 ms
Difference travel max.	0.3 mm
Pretravel max.	1.8 mm
Overtravel	0.8 mm
Free position (FP) max.	16 mm
Operating position (OP)	14.7 ±0.5 mm
Permissible total travel position	13.4 mm
Approval marks	cULus [E41791] / ENEC 15
Additional labeling	terminal 1: NC terminal 2: NO P-terminal: C
Degree of pollution	3
Rated impulse withstand voltage	2500 V
Stock version	●

Technical changes reserved. Dimensions are not binding.
Detailed specifications available on request.

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