

# SNAP-ACTION SWITCHES

PRODUCT NUMBER 1005.1001



## TECHNICAL DATA

<b>Product number</b>	<b>1005.1001</b>									
Business unit	Switches, Sensors & Controls									
Product Manager	-									
Product family	Snap-action switches									
Actuation type	indirect									
Packing unit	500									
Weight	7.430 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	Quick-connect terminal, 6.3 x 0.8									
Mechanical life endurance	10E6									
Rating IEC	10 (4) A 400 V AC 1E4 6 (2.5) A 400 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 style="width: 100%; border: none;"> <tr> <td style="width: 5%;"></td> <td style="width: 80%;">→ function insulation / basic insulation</td> <td style="width: 15%; text-align: right;">1 500 V</td> </tr> <tr> <td></td> <td>→ reinforced insulation</td> <td style="text-align: right;">3 000 V</td> </tr> <tr> <td></td> <td>→ small contact distance</td> <td style="text-align: right;">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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	→ 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	1.5 - 2.5 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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