

SNAP-ACTION SWITCHES

PRODUCT NUMBER 1005.0101



TECHNICAL DATA

Product number	1005.0101	
Business unit	Switches, Sensors & Controls	
Product Manager	-	
Product family	Snap-action switches	
Actuation type	indirect	
Packing unit	400	
Weight	10.000 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	Screw connection, M3	
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	<ul style="list-style-type: none"> → function insulation / basic insulation → reinforced insulation → small contact distance 	<ul style="list-style-type: none"> 1 500 V 3 000 V 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 chromated → external connection chromated
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
Type of connection	2.2 Single pole, single load (single-pole disconnection)
Stock version	●

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

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