

SNAP-ACTION SWITCHES

PRODUCT NUMBER 1005.0101



TECHNICAL DATA

Product number	1005.0101	
Business unit	Switches, Sensors & Controls	
Product Manager	Wolski	
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	
Rating North America	10 A 125 - 250 V AC 1/4 HP	
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	→ function insulation / basic insulation	1 500 V
	→ 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	-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	PA, natural, standard actuator	
Housing description	cover: Duroplast type 182, red base plate: Duroplast type 182, red	

Connection surface	→ bearing connection → external connection	chromated chromated
Contact material	Ag	
Contact distance	< 3 mm	
Rating Code UL	R 44	
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	CSA / UL / ENEC 05	
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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