

SNAP-ACTION SWITCHES

PRODUCT NUMBER 1006.0701



TECHNICAL DATA

Product number	1006.0701	
Business unit	Switches, Sensors & Controls	
Product Manager	Wolski	
Product family	Snap-action switches	
Actuation type	indirect	
Packing unit	400	
Weight	7.362 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	
Mechanical life endurance	5E6	
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	<ul style="list-style-type: none"> → function insulation / basic insulation → reinforced insulation → small contact distance 	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	-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 additional actuator: galvanized steel, L11, lever 20.6 long with roller	

	diameter 5 of PA yellow	
Housing description	cover: Ultramid A3U40G5 LS, black base plate: Ultramid A3U40G5 LS, black	
Connection surface	→ bearing connection → external connection	silver plated silver plated
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.	22.1 mm	
Operating position (OP)	20.8 ±0.5 mm	
Permissible total travel position	19.5 mm	
Approval marks	CSA / UL / ENEC 05	
Additional labeling	terminal 1: NC terminal 2: NO P-terminal: C / site, year, week of manuf.	
Contact geometry	contact with cross rib	
Degree of pollution	3	
Rated impulse withstand voltage	2500 V	
Stock version	●	

Technical changes reserved. Dimensions are not binding.

Detailed specifications available on request.

Marquardt GmbH · Schloss-Straße 16 · 78604 Rietheim-Weilheim · Germany
Phone: +49 (0) 7424 / 99-0 · Fax: +49 (0) 7424 / 99-2399 · www.marquardt.com · marquardt@marquardt.de