

SNAP-ACTION SWITCHES

PRODUCT NUMBER 1050 0103



TECHNICAL DATA

Product number	1050.0103	
Business unit	Switches, Sensors & Controls	
Product Manager	Wolski	
Product family	Snap-action switches	
Actuation type	indirect	
Packing unit	500	
Weight	1 677 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	10E6	
Rating IEC	10 (1 5) A 250 V AC 1E4	
Rating North America	10 1 A 125 - 250 V AC 1/4 HP	
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	175 PTI	
Insulation spacing	acc to EN 61058 for reinforced or double insulation	
Protection type	→ Connection	IP 00
	→ Actuator	IP 40
Ambient temperature	→ connection side	-40 °C +100 °C
Storage temperature	-40 °C +100 °C	
Flammability	UL 94 V-2	

Glow wire test temperature	850 °C	
Actuators and additional actuators	standard actuator PA, black	
Housing description	housing PBTP, blue	
Connection surface	→ bearing connection → external connection	silver plated tinned
Contact material	Ag	
Contact distance	< 3 mm	
Rating Code UL	R 116	
Contact type	jump contact	
Operating force	≤ 2.2 N	
Bounce time	< 5 ms	
Difference travel max	0.2 mm	
Pretravel max	1.2 mm	
Overtravel	0.6 mm	
Free position (FP) max	9.15 ± 0.15 mm	
Operating position (OP)	8.4 ± 0.3 mm	
Permissible total travel position	7.5 mm	
Approval marks	ENEC 10 / CSA / UL	
Suitable for appliances of protection class	II	
Degree of pollution	2	
Stock version	●	

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

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