

SNAP-ACTION SWITCHES

PRODUCT NUMBER 1045.0102



TECHNICAL DATA

Product number	1045.0102	
Business unit	Switches, Sensors & Controls	
Product Manager	-	
Product family	Snap-action switches	
Actuation type	indirect	
Packing unit	1000	
Packing type	in box	
Weight	1.600 g	
ROHS conform	yes	
Output	Web-Shop / Internet / catalog	
Switching function	Changeover switch (SPDT momentary)	
Material fixed contact	Ag	
Number of poles	1 - pole	
connections	Solder terminal, sealed	
Mechanical life endurance	10E6	
Rating IEC	5 (5) A 250 V AC 1E4	
Design	DIN 41635 B	
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
	→ small contact distance	500 V
Proof tracking	250 PTI	
Insulation spacing	acc. to EN 61058 for reinforced or double insulation	
Protection type	→ Connection	IP 00
	→ Actuator	IP 67
Ambient temperature	→ Special temperature data	40 °C
	→ connection side	-40 °C ... +100 °C

Storage temperature	-40 °C ... +100 °C	
Flammability	UL 94 V-0	
Glow wire test temperature	850 °C	
Actuators and additional actuators	standard actuator gasket:	
Housing description	2 lever mounting points	
Connection surface	→ bearing connection → external connection	tinned tinned
Contact material	Ag	
Contact distance	< 3 mm	
Contact type	jump contact	
Operating force	≥ 2.6 N	
Bounce time	< 5 ms	
Difference travel max.	0.2 mm	
Pretravel max.	1.2 mm	
Overtravel	0.5 mm	
Free position (FP) max.	9.15 ±0.15 mm	
Operating position (OP)	8.4 ±0.3 mm	
Permissible total travel position	7.6 mm	
Release force	≥ 0.7 N	
Approval marks	cULus / ENEC 15	
Suitable for appliances of protection class	II	
EN 60335 cap. 30 conform "G"	yes	
Additional labeling	year/week of manuf. acc. to DIN EN 60062	
Additional labeling packing	On Box: RCXX corresponds: cULus, ENEC15 / On box: G	

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

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