

SNAP-ACTION SWITCHES

PRODUCT NUMBER 1045.5102



TECHNICAL DATA

Product number	1045.5102	
Business unit	Switches, Sensors & Controls	
Product Manager	-	
Product family	Snap-action switches	
Actuation type	indirect	
Weight	1.600 g	
ROHS conform	yes	
Output	catalog	
Switching function	Changeover switch (SPDT momentary)	
Material fixed contact	Ag	
Number of poles	1 - pole	
connections	Solder terminal, sealed	
Mechanical life endurance	1E6	
Rating IEC	6 (1) A 250 V AC 3E4	
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	actuator: gasket: additional actuator: stainless steel spring steel, L02, lever 5.7 long 3.4 wide	
Housing description	PA Latamid glass fiber-reinforced, white natural, 2 lever mounting points	
Connection surface	→ bearing connection → external connection	tinned tinned
Contact material	Ag	
Contact distance	< 3 mm	
Basic components	1045.0182 / 191.071.021	
Contact type	jump contact	
Operating force	≤ 0.9 N	
Bounce time	< 5 ms	
Difference travel max.	1.3 mm	
Pretravel max.	5.4 mm	
Overtravel	2.0 mm	
Free position (FP) max.	15 mm	
Operating position (OP)	11.1 ±1.5 mm	
Permissible total travel position	7.6 mm	
Release force	≥ 0.1 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	
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