

SNAP-ACTION SWITCHES

PRODUCT NUMBER 1050.2102



TECHNICAL DATA

Product number	1050.2102	
Product family	Snap-action switches	
Actuation type	indirect	
Weight	1.699 g	
ROHS conform	yes	
Switching function	Changeover switch (SPDT momentary)	
Material fixed contact	Ag	
Number of poles	1 - pole	
connections	PCB terminal, sealed	
Mechanical life endurance	10E6	
Rating IEC	5 A 250 V AC 5E4	
Rating North America	5 A 125 - 250 V AC 1/10 HP	
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
	→ reinforced insulation	3 000 V
	→ small contact distance	500 V
Proof tracking	175 PTI	

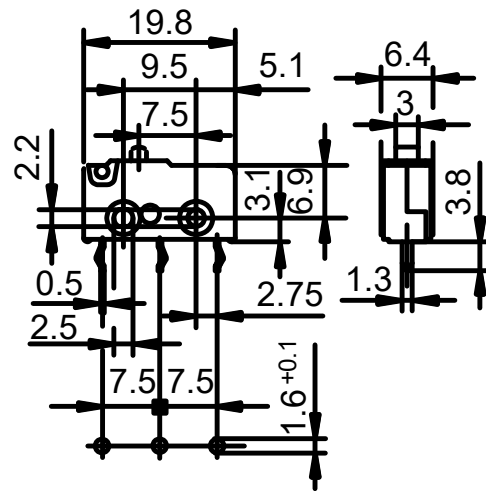
Insulation spacing	acc. to EN 61058 for reinforced or double insulation	
Protection type	→ Connection	IP 00
	→ Actuator	IP 40
Ambient temperature	-40 °C ... +100 °C	
Storage temperature	-40 °C ... +100 °C	
Flammability	UL 94 V-2	
Glow wire test temperature	850 °C	
Actuators and additional actuators	PA, black, standard actuator	
Housing description	housing: PBTP, blue	
Connection surface	→ bearing connection	tinned
	→ external connection	tinned
Contact material	Ag	
Contact distance	< 3 mm	
Rating Code UL	R 56	
Contact type	jump contact	
Operating force	≤ 1 - 1.9 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	
Additional labeling	year/week of manuf. acc. to DIN EN 60062	

Degree of pollution	2
Stock version	•

PRODUCT IMAGE



DRAWINGS



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

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