

SNAP-ACTION SWITCHES

PRODUCT NUMBER 1005.1204



TECHNICAL DATA

Product number	1005.1204	
Product family	Snap-action switches	
Actuation type	indirect	
Weight	7.000 g	
ROHS conform	yes	
Switching function	Normally open contact (SPNO)	
Material fixed contact	Ag	
Number of poles	1 - pole	
connections	Quick-connect terminal, 6.3 x 0.8	
Mechanical life endurance	5E6	
Rating IEC	10 (6) A 250 V AC 5E4	
Rating North America	10 A 125 - 250 V AC 1/2 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	→ function insulation / basic insulation	1 500 V
	→ reinforced insulation	3 000 V
	→ small contact distance	500 V

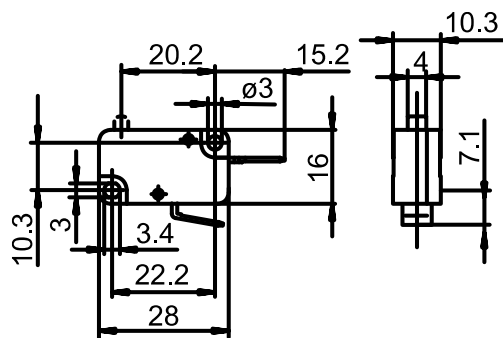
Proof tracking	250 PTI
Insulation spacing	acc. to EN 61058 for reinforced or double insulation
Ambient temperature	-40 °C ... +100 °C
Storage temperature	-40 °C ... +80 °C
Flammability	UL 94 (housing: V-0, actuator: V-2)
Glow wire test temperature	850 °C
Actuators and additional actuators	PA, natural, standard actuator
Housing description	cover: PA Latamid glass fiber-reinforced, natural base plate: PA Latamid glass fiber-reinforced, natural
Connection surface	→ bearing connection silver plated → external connection silver plated
Contact material	Ag
Contact distance	> 3 mm
Rating Code UL	R 10
Contact type	friction jump contact
Operating force	2.4 - 3.8 N
Bounce time	< 10 ms
Difference travel max.	1.2 mm
Pretravel max.	1.9 mm
Overtravel	0.7 mm
Free position (FP) max.	16 mm
Operating position (OP)	14.4 ±0.3 mm
Permissible total travel position	13.4 mm
Approval marks	CSA / UL / ENEC 05
Additional labeling	terminal 1: NC terminal 2: NO P-terminal: C / site, year, week of manuf.

Other contact data	tongue silver-plated
Degree of pollution	3
Rated impulse withstand voltage	2500 V
Stock version	•

PRODUCT IMAGE



DRAWINGS



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

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