

SNAP-ACTION SWITCHES

PRODUCT NUMBER 1080.0334



TECHNICAL DATA

Product number	1080.0334	
Business unit	Switches, Sensors & Controls	
Product Manager	-	
Product family	Snap-action switches	
Actuation type	indirect	
Packing unit	400	
Weight	4.875 g	
ROHS conform	yes	
Switching function	Normally open contact (SPNO)	
Material fixed contact	AgNi	
Number of poles	1 - pole	
connections	PCB terminal, standing	
Mechanical life endurance	2E6	
Rating IEC	16 (8) A 250 V AC 1E4 16 (4) A 250 V AC 5E4	
Rating North America	16 A 250 V AC 1/2 HP 16 A 125 V AC 1/3 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	
Protection type	→ Connection	IP 00
	→ Actuator	IP 40
Ambient temperature	→ Special temperature data	40 °C
	→ connection side	-40 °C ... +125 °C

Storage temperature	-40 °C ... +80 °C
Flammability	UL 94 V-0
Glow wire test temperature	850 °C
Actuators and additional actuators	actuator: PETP glass fiber-reinforced, white natural, standard actuator
Housing description	base plate: PA glass fiber-reinforced, natural cover: PA glass fiber-reinforced, natural
Connection surface	→ bearing connection silver plated
Contact material	AgNi
Contact distance	< 3 mm
Rating Code UL	R 135
Contact type	jump contact
Operating force	≤ 1.0 N
Bounce time	< 10 ms
Difference travel max.	0.3 mm
Pretravel max.	2.0 mm
Overtravel	1.0 mm
Free position (FP) max.	16.2 mm
Operating position (OP)	14.7 ±0.5 mm
Permissible total travel position	13.2 mm
Approval marks	ENEC 10 / CSA / UL
Additional labeling	year/week of manuf. acc. to DIN EN 60062
Degree of pollution	3
Type of connection	1.2 Single pole, single load (single-pole disconnection)

Technical changes reserved. Dimensions are not binding.

Detailed specifications available on request.

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