

SNAP-ACTION SWITCHES

PRODUCT NUMBER 1050.2202



TECHNICAL DATA

Product number	1050.2202
Business unit	Switches, Sensors & Controls
Product family	Snap-action switches
Actuation type	indirect
Packing unit	500
Weight	1.727 g
ROHS conform	yes
Output	catalog before 2009 / Web-Shop / catalog
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, mushroom-shaped pushbutton	
Housing description	housing: PBTP, blue	
Connection surface	→ bearing connection → external connection	tinned tinned
Contact material	Ag	
Contact distance	< 3 mm	
Rating Code UL	R 56	
Contact type	jump contact	
Operating force	≤ 1.5 N	
Bounce time	< 5 ms	
Difference travel max.	0.2 mm	
Pretravel max.	1.2 mm	
Overtravel	0.5 mm	
Free position (FP) max.	10.8 mm	
Operating position (OP)	9.9 ±0.3 mm	
Permissible total travel position	9.1 mm	
Approval marks	ENEC 10 / CSA / UL	
Additional labeling	year/week of manif. acc. to DIN EN 60062	
Degree of pollution	2	
Stock version	●	

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

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