

SNAP-ACTION SWITCHES

PRODUCT NUMBER 1010.6002



TECHNICAL DATA

Product number	1010.6002	
Business unit	Switches, Sensors & Controls	
Product Manager	-	
Product family	Snap-action switches	
Actuation type	indirect	
Packing unit	270	
Weight	1.229 g	
ROHS conform	yes	
Output	catalog before 2009 / Web-Shop / catalog	
Switching function	Changeover switch (SPDT momentary)	
Material fixed contact	Ag gold-plated	
Number of poles	1 - pole	
connections	PCB terminal, standing	
Mechanical life endurance	1E6	
Rating IEC	2 (0.5) A 250 V AC 5E4	
Design	DIN 41635 C	
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	<ul style="list-style-type: none"> → function insulation / basic insulation → reinforced insulation → small contact distance 	<ul style="list-style-type: none"> 1 500 V 3 000 V 500 V
Proof tracking	250 PTI	
Insulation spacing	acc. to EN 61058 for reinforced or double insulation	
Ambient temperature	→ connection side	-20 °C ... +85 °C
Storage temperature	-30 °C ... +80 °C	
Flammability	UL 94 V-2	
Glow wire test temperature	850 °C	

Actuators and additional actuators	spring steel, spring lever bent
Housing description	base plate: PA glass fiber-reinforced, natural
Connection surface	→ bearing connection silver plated → external connection silver plated
Contact material	Ag gold plated
Contact distance	< 3 mm
Contact type	jump contact
Operating force	0.45 - 1.05 N
Bounce time	< 5 ms
Difference travel max.	0.9 mm
Pretravel max.	3.2 mm
Overtravel	0.7 mm
Free position (FP) max.	13.8 mm
Operating position (OP)	11.2 ±0.6 mm
Permissible total travel position	9.9 mm
Approval marks	ENEC 10
Additional labeling	G 01 μ
Additional labeling packing	G 01 corresponds to: μ 2(0.5)/250~ 50E3 T85 ENEC10
Degree of pollution	2
Stock version	●

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

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