

SNAP-ACTION SWITCHES

PRODUCT NUMBER 1010.9852



TECHNICAL DATA

Product number	1010.9852
Business unit	Switches, Sensors & Controls
Product Manager	-
Product family	Snap-action switches
Actuation type	indirect
Packing unit	400
Weight	.98 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, right angled
Mechanical life endurance	10E4
Rating IEC	6 (2) A 250 V AC 25E3 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 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	→ 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	PA glass fiber-reinforced, spring lever with molded actuating cam				
Housing description	base plate: PA glass fiber-reinforced, white				
Connection surface	<table border="0"> <tr> <td>→ bearing connection</td> <td>silver plated</td> </tr> <tr> <td>→ external connection</td> <td>silver plated</td> </tr> </table>	→ bearing connection	silver plated	→ external connection	silver plated
→ bearing connection	silver plated				
→ external connection	silver plated				
Contact material	Ag				
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.	3.4 mm				
Overtravel	1.0 mm				
Free position (FP) max.	9.7 mm				
Operating position (OP)	6.9 ±0.6 mm				
Permissible total travel position	5.1 mm				
Approval marks	ENEC 10				
Additional labeling	G 04 μ				
Additional labeling packing	G 04 corresponds to: μ 2(0.5)/250~ 50E3 T85 6(2)250~ 25E3 T85 ENEC10				
Other contact data	tongue bent down / tongue 0.15 thick				
Degree of pollution	2				
Stock version	●				

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

Marquardt GmbH · Schloss-Straße 16 · 78604 Rietheim-Weilheim · Germany
Phone: +49 (0) 7424 / 99-0 · Fax: +49 (0) 7424 / 99-2399 · www.marquardt.com · marquardt@marquardt.de