

# SNAP-ACTION SWITCHES

PRODUCT NUMBER 1050.7202



## TECHNICAL DATA

<b>Product number</b>	<b>1050.7202</b>	
Business unit	Switches, Sensors & Controls	
Product Manager	-	
Product family	Snap-action switches	
Actuation type	indirect	
Packing unit	400	
Weight	1.913 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	1E6	
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	<ul style="list-style-type: none"> <li>→ function insulation / basic insulation</li> <li>→ reinforced insulation</li> <li>→ small contact distance</li> </ul>	1 500 V 3 000 V 500 V
Proof tracking	175 PTI	
Insulation spacing	acc. to EN 61058 for reinforced or double insulation	
Protection type	<ul style="list-style-type: none"> <li>→ Connection</li> <li>→ Actuator</li> </ul>	IP 00 IP 40

Ambient temperature	→ connection side	-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 additional actuator: stainless steel spring steel, L02, lever 5.7 long 3.4 wide	
Housing description	housing: PBTP, blue	
Connection surface	→ bearing connection → external connection	tinned tinned
Contact material	Ag	
Contact distance	< 3 mm	
Basic components	1050.2182 / 191.071.021	
Rating Code UL	R 56	
Contact type	jump contact	
Operating force	≤ 0.5 N	
Bounce time	< 5 ms	
Difference travel max.	1.0 mm	
Pretravel max.	5.4 mm	
Overtravel	2.2 mm	
Free position (FP) max.	15 mm	
Operating position (OP)	11.1 ±1.5 mm	
Permissible total travel position	7.4 mm	
Approval marks	ENEC 10 / CSA / UL	
Additional labeling	year/week of manuf. acc. to DIN EN 60062	
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](http://www.marquardt.com) · [marquardt@marquardt.de](mailto:marquardt@marquardt.de)