

# SNAP-ACTION SWITCHES

PRODUCT NUMBER 1050.2251



## TECHNICAL DATA

<b>Product number</b>	<b>1050.2251</b>	
Business unit	Switches, Sensors & Controls	
Product Manager	Wolski	
Product family	Snap-action switches	
Actuation type	indirect	
Packing unit	250	
Weight	1.755 g	
ROHS conform	yes	
Switching function	Changeover switch (SPDT momentary)	
Material fixed contact	gold-plated	
Number of poles	1 - pole	
connections	PCB terminal, sealed	
Mechanical life endurance	10E6	
Rating IEC	2 (0.5) A 250 V AC 25E3	
Rating North America	2 A 125 - 250 V AC	
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>	<ul style="list-style-type: none"> <li>1 500 V</li> <li>3 000 V</li> <li>500 V</li> </ul>
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>	<ul style="list-style-type: none"> <li>IP 00</li> <li>IP 40</li> </ul>
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, ivory colored, mushroom-shaped pushbutton
Housing description	housing: PBTP, blue
Connection surface	→ bearing connection      tinned → external connection      tinned
Contact material	gold plated
Contact distance	< 3 mm
Rating Code UL	R 18
Contact type	jump contact
Operating force	≤ 1 - 1.9 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 manuf. 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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