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Technical data

Product number	**1050.0251**
Product family	Snap-action switches
Actuation type	indirect
Weight	1.714 g
ROHS conform	yes
Switching function	Changeover switch (SPDT momentary)
Material fixed contact	gold-plated
Number of poles	1 - pole
connections	Solder terminal
Mechanical life endurance	10E6
Rating IEC	2 (0.5) A 250 V AC 25E3
Rating North America	2 A 125 - 250 V AC
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, ivory colored, mushroom-shaped pushbutton
Housing description	housing: PBTP, blue
Connection surface	bearing connection silver plated 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

Product image / Drawings



Permissible total travel position	9.1 mm
Approval marks	ENEC 10 / CSA / UL
Suitable for appliances of protection class	II
Degree of pollution	2
Stock version	●