

Pushbutton Ø 16 mm silver contact

82-4151.2000.B002



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Your product:



82-4151.2000.B002

Pushbutton Ø 16 mm silver contact

FRONT

Front dimension:	Ø 18 mm
Front form:	round
Front bezel material:	Stainless steel
Front bezel shape:	flush

MOUNTING

Mounting cut-out:	Ø 16 mm
Mounting type:	Panel mounting

OPERATING-/INDICATION PART

Lens colour:	Silver
Lens material:	Stainless steel
Lens illumination:	non illuminative
Lens shape:	flush
Lens optics:	opaque
Symbol:	Standby

ELECTRICAL CHARACTERISTICS

Contacts:	1 C
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Switching voltage and switching current:

according to IEC 60947-5-1 (Silver contacts)

Service categorie AC-15

Voltage

24 VAC

35 VAC

110 VAC

220 VAC

Current

1 A

1 A (M12 version)

1 A

0.5 A

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

0.7 A

0.5 A (M12 version)

0.2 A

0.1 A

according to UL 508 (Silver contacts)

$\cos \phi$ 0,75 ... 0,8

Voltage

120 VAC

240 VAC

24 VAC

Current

5 A

3 A

1 A

Rated Operational Voltage U_e : 250 VAC

Rated insulation voltage U_i : 250 V

Electrical lifetime: 50 000 cycles of operation

Electric strength: 1500 VAC, 50 Hz 1 minute between life terminals and ground

Pollution degree: 2, according to EN IEC 60947-1

Thermal current I_{th} : 5 A

MECHANICAL CHARACTERISTIC

Terminal: Soldering terminal, 2.8 x 0.5 mm

Contact material: Silver

Switching action: Maintained

Switching system: Snap-action switching element

Mechanical lifetime: 500 000 cycles of operation

Operating force: 4 N ... 7 N

Operating Travel: ca. 3 mm

Tightening torque: 0.5 ... 0.6 Nm

Weight: 0.018 kg

AMBIENT CONDITION

IP front protection: IP65, IP67

Operating temperature: - 30 °C ... + 70 °C

Storage temperature:

– 40 °C ... + 80 °C

Shock resistance:

Max. 500 m / s² as per IEC 60068-2-27

Vibration resistance:

10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

Climate resistance:

Damp heat, 21 days according to IEC 60512-11

CERTIFICATE

Approbations:

CB, CCC, C UL, UL

Conformities:

CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

REACH:

REACH compliant

RoHS:

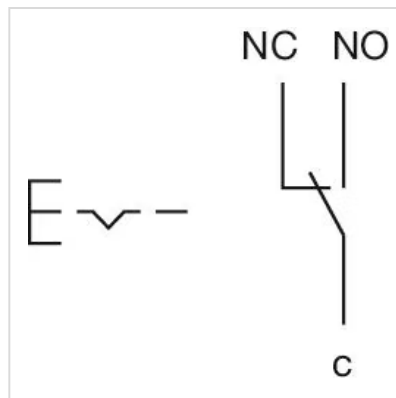
RoHS compliant

OTHER

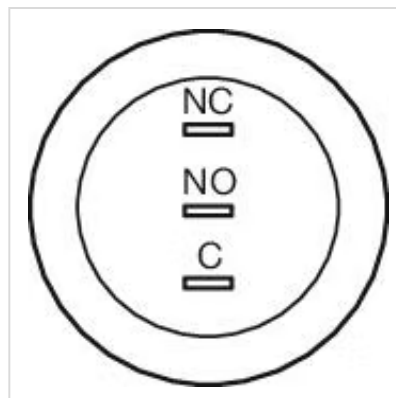
Short Description:

Pushbutton Ø 16 mm silver contact, Maintained, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Standby, Silver

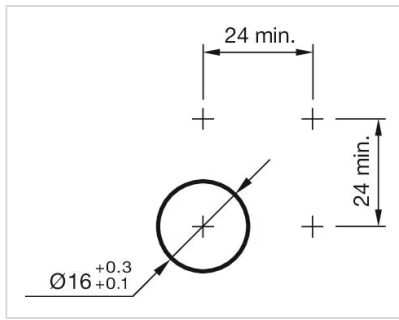
Wiring diagrams:



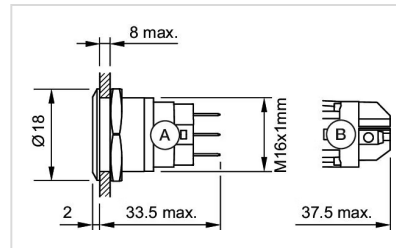
Component layouts:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Where to Buy

	Distributor	Quantity in Stock	
	RS UK	15 in stock	Buy 
	Mouser Electronics	6 in stock	Buy 
	Rapid Electronics	5 in stock	Buy 
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