

Pushbutton Ø 16 mm silver contact

82-4151.1000.B001



<https://eao.com/p/82-4151.1000.B001>

Your product:



82-4151.1000.B001

Pushbutton Ø 16 mm silver contact

FRONT

Front bezel shape:	flush
Front bezel material:	Stainless steel

MOUNTING

Mounting cut-out:	Ø 16 mm
-------------------	---------

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Rated insulation voltage U_i :	250 V
Rated Operational Voltage U_e :	250 VAC
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Pollution degree:	2, according to EN IEC 60947-1
Contacts:	1 C
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

Electrical lifetime: 50 000 cycles of operation

Thermal current I_{th}: 5 A

MECHANICAL CHARACTERISTIC

Switching action: Momentary

Tightening torque: 0.5 ... 0.6 Nm

Operating Travel: ca. 3 mm

Weight: 0.018 kg

Terminal: Soldering terminal, 2.8 x 0.5 mm

Operating force: 4 N ... 7 N

Mechanical lifetime: 1 Mio. cycles of operation

Switching system: Snap-action switching element

Contact material: Silver

AMBIENT CONDITION

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

Storage temperature: – 40 °C ... + 80 °C

Climate resistance: Damp heat, 21 days according to IEC 60512-11

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

CERTIFICATE

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

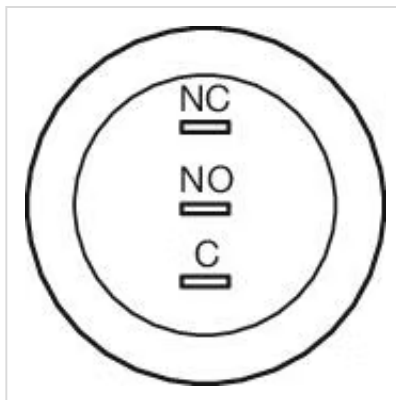
Approbations: CB, CCC, C UL, UL

OTHER

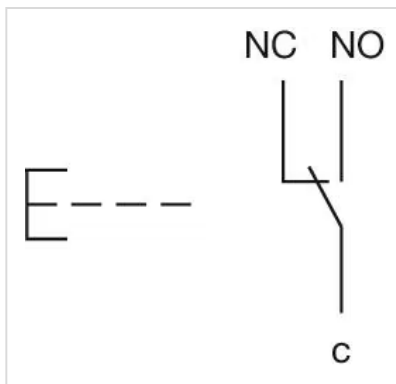
Short Description: Pushbutton Ø 16 mm silver contact, Momentary, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, ON/OFF, Silver

Symbol: ON/OFF

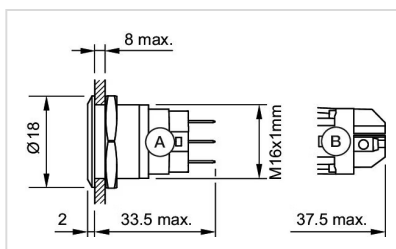
Component layouts:



Wiring diagrams:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:

