

Pushbutton Ø 16 mm silver contact

82-4152.1000.B002



<https://eao.com/p/82-4152.1000.B002>

Your product:



82-4152.1000.B002
Pushbutton Ø 16 mm silver contact

FRONT

Front bezel material:	Stainless steel
Front bezel shape:	flush

MOUNTING

Mounting cut-out:	Ø 16 mm
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OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Rated insulation voltage Ui:	250 V
Pollution degree:	2, according to EN IEC 60947-1
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 Switch rating DC service categorie DC-13 (Silver contacts) Voltage 24 VDC 35 VDC 110 VDC 220 VDC
	Current 1 A 1 A (M12 versio 1 A 0.5 A Current 0.7 A 0.5 A (M12 vers 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

Thermal current I_{th}:	5 A
Electrical lifetime:	50 000 cycles of operation
Contacts:	1 C
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Rated Operational Voltage U_e:	250 VAC

MECHANICAL CHARACTERISTIC

Contact material:	Silver
Tightening torque:	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
Switching system:	Snap-action switching element
Operating Travel:	ca. 3 mm
Switching action:	Momentary
Weight:	0.018 kg
Mechanical lifetime:	1 Mio. cycles of operation
Terminal:	Screw terminal
Operating force:	4 N ... 7 N

AMBIENT CONDITION

Shock resistance:	Max. 500 m / s ² 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
Operating temperature:	– 30 °C ... + 70 °C
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)

OTHER

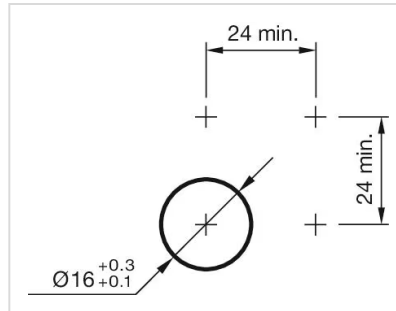
Short Description:

Pushbutton Ø 16 mm silver contact, Momentary, 1 C, Screw terminal, Stainless steel, Standby, Silver

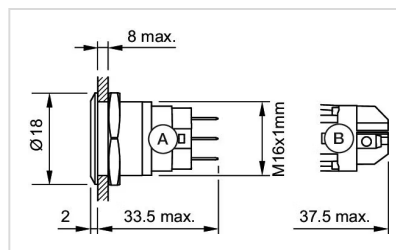
Symbol:

Standby

Mounting cut-outs:

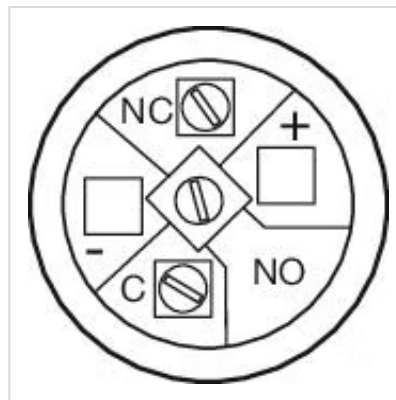


Dimension drawings:



A = Solder terminal
B = Screw terminal

Component layouts:



Wiring diagrams:

