

Pushbutton Ø 16 mm silver contact

82-4152.1000.B001



<https://eao.com/p/82-4152.1000.B001>

Your product:



82-4152.1000.B001
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 shape:	flush
Lens material:	Stainless steel
Lens colour:	Silver
Lens illumination:	non illuminative
Lens optics:	opaque

ELECTRICAL CHARACTERISTICS

Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Rated insulation voltage Ui:	250 V

Switching voltage and switching current:	according to IEC 60947-5-1 (Silver contacts)	
	Service categorie AC-15	
	Voltage	Current
	24 VAC	1 A
	35 VAC	1 A (M12 versio
	110 VAC	1 A
	220 VAC	0.5 A
	Switch rating DC service categorie DC-13 (Silver contacts)	
	Voltage	Current
	24 VDC	0.7 A
	35 VDC	0.5 A (M12 vers
	110 VDC	0.2 A
	220 VDC	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

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

Rated Operational Voltage U_e : 250 VAC

Contacts: 1 C

Thermal current I_{th} : 5 A

Electrical lifetime: 50 000 cycles of operation

MECHANICAL CHARACTERISTIC

Mechanical lifetime: 1 Mio. cycles of operation

Switching action: Momentary

Contact material: Silver

Terminal: Screw terminal

Operating Travel: ca. 3 mm

Tightening torque: 0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

Operating force: 4 N ... 7 N

Switching system: Snap-action switching element

Weight: 0.018 kg

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

Approbations: CB, CCC, C UL, UL

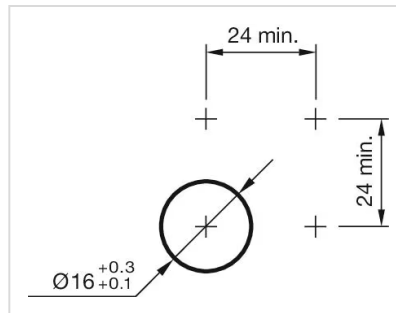
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

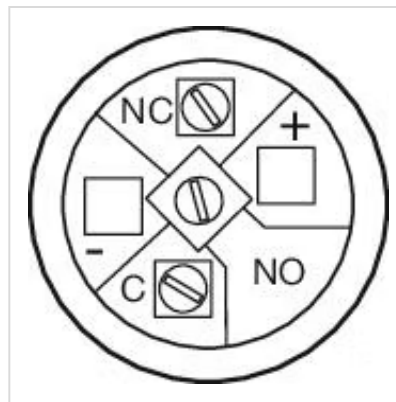
Symbol: ON/OFF

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

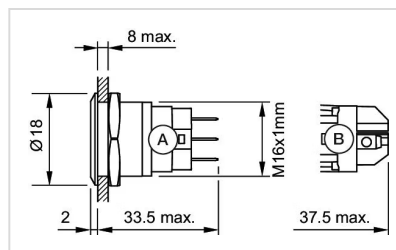
Mounting cut-outs:



Component layouts:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Wiring diagrams:

