

Pushbutton Ø 16 mm silver contact

82-4161.1000.B002



<https://eao.com/p/82-4161.1000.B002>

Your product:



82-4161.1000.B002
Pushbutton Ø 16 mm silver contact

FRONT

Front bezel material: Stainless steel

MOUNTING

Mounting cut-out: Ø 16 mm

OPERATING-/INDICATION PART

Lens illumination: non illuminative

Lens colour: Silver

Lens material: Stainless steel

Lens shape: raised

Lens optics: opaque

ELECTRICAL CHARACTERISTICS

Rated Operational Voltage Ue: 250 VAC

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

Contacts:	1 C
Electrical lifetime:	50 000 cycles of operation
Thermal current I_{th}:	5 A
Rated insulation voltage U_i:	250 V
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Pollution degree:	2, according to EN IEC 60947-1

MECHANICAL CHARACTERISTIC

Contact material:	Silver
Weight:	0.02 kg
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Mechanical lifetime:	1 Mio. cycles of operation
Switching action:	Momentary
Switching system:	Snap-action switching element
Operating force:	4 N ... 7 N
Tightening torque:	0.5 ... 0.6 Nm
Operating Travel:	ca. 3 mm

AMBIENT CONDITION

Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27
Storage temperature:	- 40 °C ... + 80 °C
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Operating temperature:	- 30 °C ... + 70 °C

CERTIFICATE

Approbations:	CB, CCC, C UL, UL
Conformities:	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

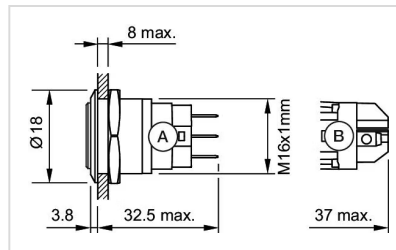
Short Description:

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

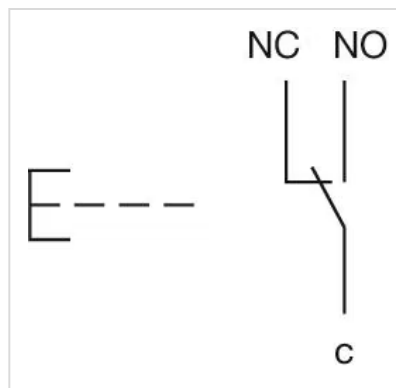
Symbol:

Standby

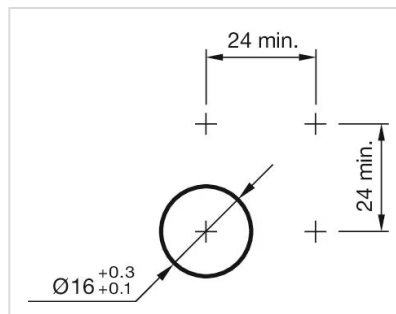
Dimension drawings:



Wiring diagrams:



Mounting cut-outs:



Component layouts:

