

Pushbutton Ø 16 mm silver contact

82-4162.2000.B001



<https://eao.com/p/82-4162.2000.B001>

Your product:



82-4162.2000.B001
Pushbutton Ø 16 mm silver contact

FRONT

Front bezel shape:	flush
Front bezel material:	Stainless steel

MOUNTING

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

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

ELECTRICAL CHARACTERISTICS

Electrical lifetime:	50 000 cycles of operation		
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

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

MECHANICAL CHARACTERISTIC

Contact material:	Silver
Operating force:	4 N ... 7 N
Weight:	0.02 kg
Mechanical lifetime:	500 000 cycles of operation
Switching action:	Maintained
Switching system:	Snap-action switching element
Tightening torque:	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
Terminal:	Screw terminal
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
Operating temperature:	- 30 °C ... + 70 °C
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

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

OTHER

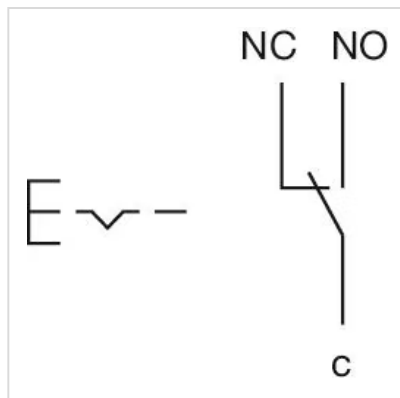
Short Description:

Pushbutton Ø 16 mm silver contact, Maintained, 1 C, Screw terminal, Stainless steel, ON/OFF, Silver

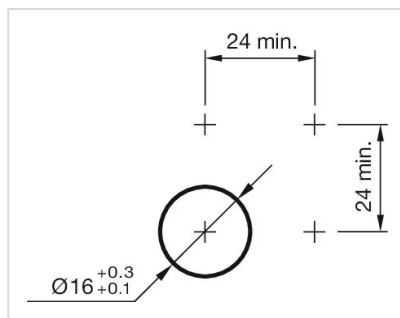
Symbol:

ON/OFF

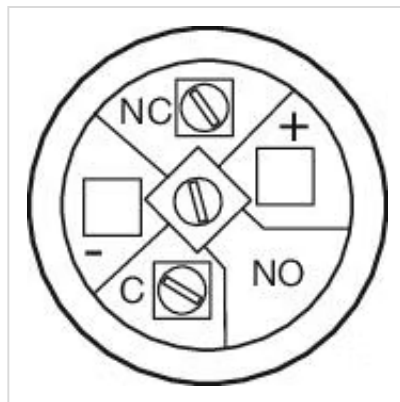
Wiring diagrams:



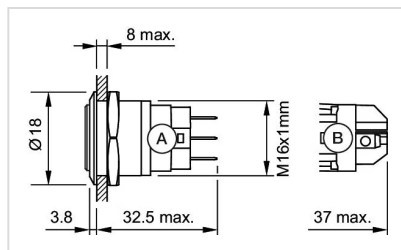
Mounting cut-outs:



Component layouts:



Dimension drawings:



A = Solder terminal
B = Screw terminal