

Pushbutton Ø 16 mm silver contact

82-4162.1000



<https://eao.com/p/82-4162.1000>

Your product:



82-4162.1000
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 material:	Stainless steel
Lens illumination:	non illuminative
Lens optics:	opaque
Lens shape:	raised
Lens colour:	Silver

ELECTRICAL CHARACTERISTICS

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	Current	
	24 VAC	1 A	
	35 VAC	1 A (M12 version)	
	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 version)	
	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 Operational Voltage U_e:	250 VAC
Contacts:	1 C
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Rated insulation voltage U_i:	250 V
Thermal current I_{th}:	5 A
Electrical lifetime:	50 000 cycles of operation

MECHANICAL CHARACTERISTIC

Switching system:	Snap-action switching element
Switching action:	Momentary
Operating Travel:	ca. 3 mm
Contact material:	Silver
Terminal:	Screw terminal
Weight:	0.02 kg
Mechanical lifetime:	1 Mio. cycles of operation
Operating force:	4 N ... 7 N
Tightening torque:	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

AMBIENT CONDITION

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

CERTIFICATE

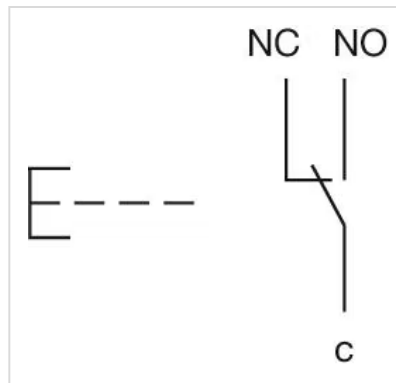
Approbations:	CB, CCC, C UL, UL
Conformities:	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

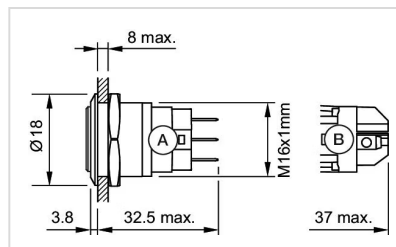
Short Description:

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

Wiring diagrams:

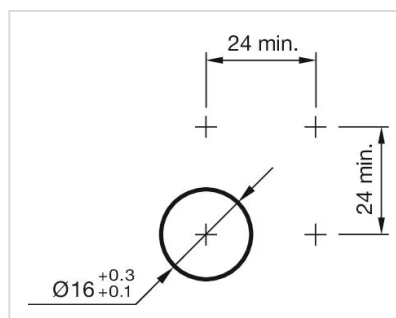


Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:



Component layouts:

