

Pushbutton Ø 16 mm silver contact

82-4161.2000



<https://eao.com/p/82-4161.2000>

Your product:



82-4161.2000
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 optics:	opaque
Lens shape:	raised
Lens colour:	Silver
Lens material:	Stainless steel
Lens illumination:	non illuminative

ELECTRICAL CHARACTERISTICS

Pollution degree:	2, according to EN IEC 60947-1
Thermal current Ith:	5 A

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

Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Rated insulation voltage U_i:	250 V
Rated Operational Voltage U_e:	250 VAC
Electrical lifetime:	50 000 cycles of operation
Contacts:	1 C

MECHANICAL CHARACTERISTIC

Contact material:	Silver
Weight:	0.02 kg
Operating Travel:	ca. 3 mm
Mechanical lifetime:	500 000 cycles of operation
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Switching action:	Maintained
Switching system:	Snap-action switching element
Tightening torque:	0.5 ... 0.6 Nm
Operating force:	4 N ... 7 N

AMBIENT CONDITION

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

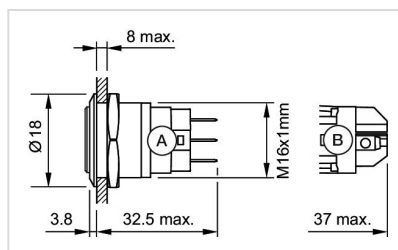
CERTIFICATE

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

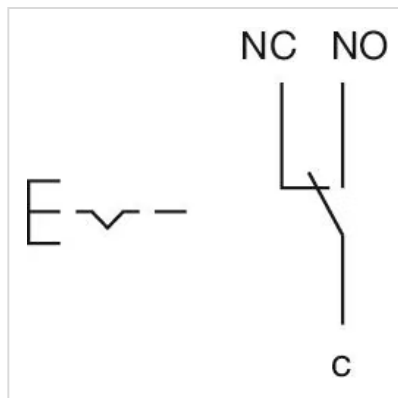
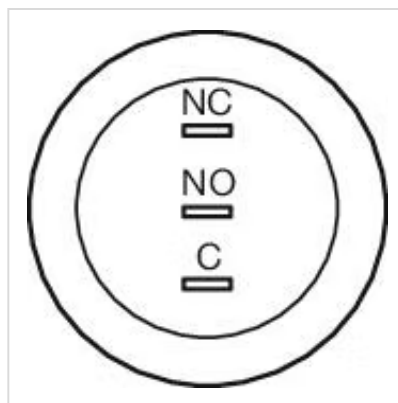
OTHER

Short Description:

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

Dimension drawings:

A = Solder terminal
B = Screw terminal

Wiring diagrams:**Component layouts:****Mounting cut-outs:**