

Pushbutton Ø 16 mm silver contact

82-4162.2000



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

Your product:



82-4162.2000
Pushbutton Ø 16 mm silver contact

FRONT

Front bezel shape:	flush
Front bezel material:	Stainless steel

MOUNTING

Mounting cut-out:	Ø 16 mm
-------------------	---------

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground		
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

Electrical lifetime: 50 000 cycles of operation

Contacts: 1 C

Thermal current I_{th}: 5 A

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

Rated Operational Voltage U_e: 250 VAC

Rated insulation voltage U_i: 250 V

MECHANICAL CHARACTERISTIC

Switching action: Maintained

Weight: 0.02 kg

Operating force: 4 N ... 7 N

Switching system: Snap-action switching element

Contact material: Silver

Mechanical lifetime: 500 000 cycles of operation

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

Terminal: Screw terminal

Operating Travel: ca. 3 mm

AMBIENT CONDITION

Operating temperature: – 30 °C ... + 70 °C

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

IP front protection: IP65, IP67

Climate resistance: Damp heat, 21 days according to IEC 60512-11

CERTIFICATE

Conformities:

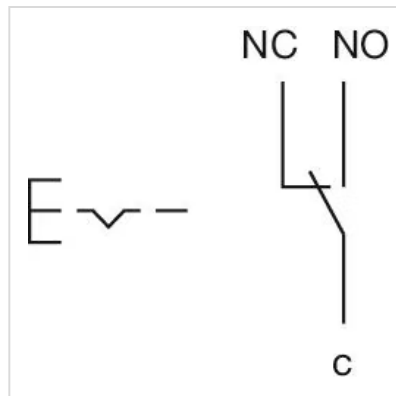
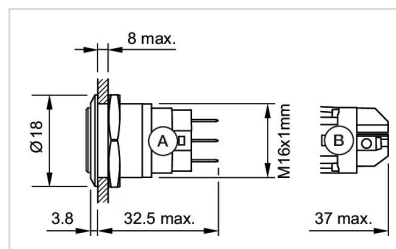
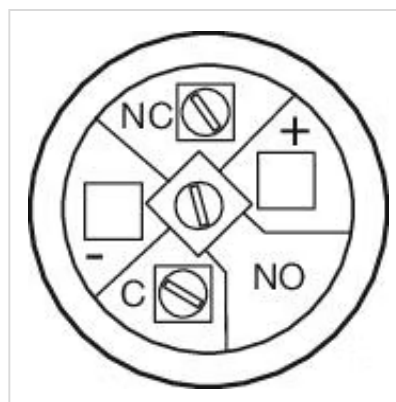
CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

Approbations:

CB, CCC, C UL, UL

OTHER**Short Description:**

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

Wiring diagrams:**Dimension drawings:**A = Solder terminal
B = Screw terminal**Component layouts:****Mounting cut-outs:**

