

Pushbutton Ø 16 mm silver contact

82-4162.1000.B002



<https://eao.com/p/82-4162.1000.B002>

Your product:



82-4162.1000.B002
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 colour:	Silver
Lens shape:	raised
Symbol:	Standby

ELECTRICAL CHARACTERISTICS

Contacts:	1 C
Electrical lifetime:	50 000 cycles of operation
Electric strength:	1500 VAC, 50 Hz 1 minute between live terminals and ground
Thermal current I_{th}:	5 A
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	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

Rated Operational Voltage Ue: 250 VAC

Rated insulation voltage Ui: 250 V

MECHANICAL CHARATERISTIC

Terminal: Screw terminal

Mechanical lifetime: 1 Mio. cycles of operation

Weight: 0.02 kg

Switching action: Momentary

Switching system: Snap-action switching element

Contact material: Silver

Operating force: 4 N ... 7 N

Operating Travel: ca. 3 mm

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

AMBIENT CONDITION

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

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

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

IP front protection: IP65, IP67

CERTIFICATE

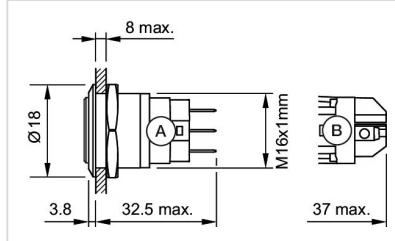
Approbations: CB, CCC, C UL, UL

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

OTHER

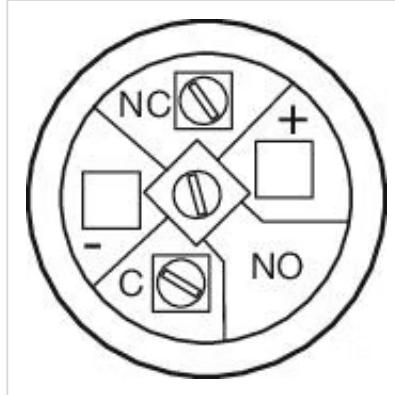
Short Description: Pushbutton Ø 16 mm silver contact, Momentary, 1 C, Screw terminal, Stainless steel, Standby, Silver

Dimension drawings:

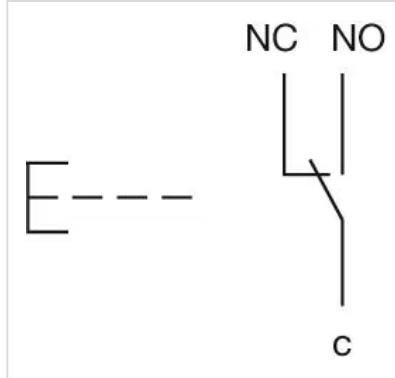


A = Solder terminal
B = Screw terminal

Component layouts:



Wiring diagrams:



Mounting cut-outs:

