

## Pushbutton Ø 16 mm silver contact

82-4162.1000.B002



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

Your product:

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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

#### 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 life terminals and ground

**Thermal current I<sub>th</sub>:** 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)	
cosφ 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 CHARACTERISTIC

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

## AMBIENT CONDITION

<b>Shock resistance:</b>	Max. 500 m / s <sup>2</sup> as per IEC 60068-2-27
<b>Vibration resistance:</b>	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
<b>Storage temperature:</b>	– 40 °C ... + 80 °C
<b>Operating temperature:</b>	– 30 °C ... + 70 °C
<b>Climate resistance:</b>	Damp heat, 21 days according to IEC 60512-11
<b>IP front protection:</b>	IP65, IP67

## CERTIFICATE

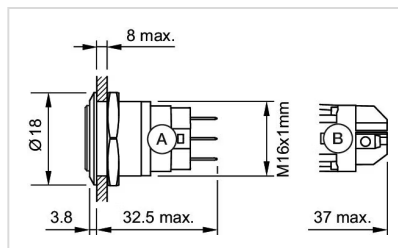
**Approbations:** CB, CCC, C UL, UL

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

## OTHER

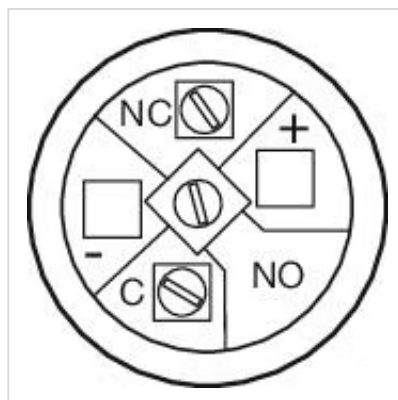
**Short Description:** Pushbutton Ø 16 mm silver contact, Momentary, 1 C, Screw terminal, Stainless steel, Standby, Silver

**Dimension drawings:**

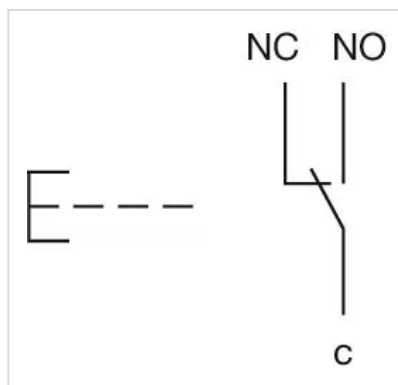


A = Solder terminal  
B = Screw terminal

**Component layouts:**



**Wiring diagrams:**



**Mounting cut-outs:**

