

# Pushbutton Ø 16 mm silver contact

82-4152.2000.B002



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## 82-4152.2000.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 colour:** Silver

**Lens optics:** opaque

**Lens illumination:** non illuminative

**Lens shape:** flush

**Lens material:** Stainless steel

### ELECTRICAL CHARACTERISTICS

**Rated insulation voltage  $U_i$ :** 250 V

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

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

**Thermal current  $I_{th}$ :** 5 A

**Switching voltage and switching current:**

according to IEC 60947-5-1 (Silver contacts)

Service categorie AC-15

Voltage

24 VAC

35 VAC

110 VAC

220 VAC

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

1 A

1 A (M12 version)

1 A

0.5 A

Current

0.7 A

0.5 A (M12 version)

0.2 A

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

<b>Rated Operational Voltage <math>U_e</math>:</b>	250 VAC
<b>Electrical lifetime:</b>	50 000 cycles of operation
<b>Contacts:</b>	1 C

### MECHANICAL CHARACTERISTIC

<b>Mechanical lifetime:</b>	500 000 cycles of operation
<b>Weight:</b>	0.018 kg
<b>Terminal:</b>	Screw terminal
<b>Switching action:</b>	Maintained
<b>Switching system:</b>	Snap-action switching element
<b>Operating Travel:</b>	ca. 3 mm
<b>Tightening torque:</b>	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
<b>Contact material:</b>	Silver
<b>Operating force:</b>	4 N ... 7 N

### AMBIENT CONDITION

<b>Shock resistance:</b>	Max. 500 m / s <sup>2</sup> as per IEC 60068-2-27
<b>Climate resistance:</b>	Damp heat, 21 days according to IEC 60512-11
<b>Operating temperature:</b>	- 30 °C ... + 70 °C
<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

**CERTIFICATE**

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

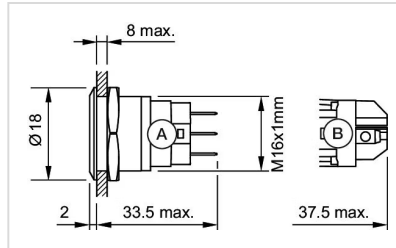
**Conformities:** CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

**OTHER**

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

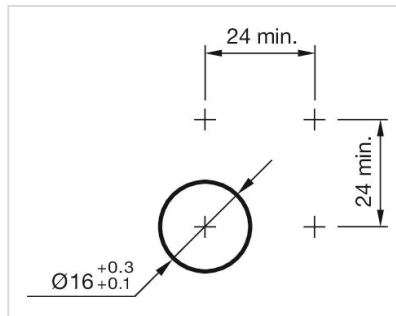
**Symbol:** Standby

**Dimension drawings:**

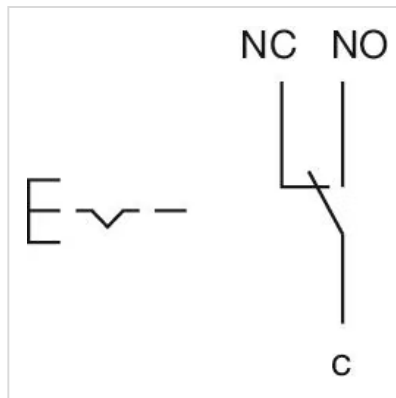


A = Solder terminal  
B = Screw terminal

**Mounting cut-outs:**



**Wiring diagrams:**



**Component layouts:**

