

## Pushbutton Ø 22 mm silver contact

82-6162.2000



<https://eao.com/p/82-6162.2000>

Your product:

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82-6162.2000  
Pushbutton Ø 22 mm silver contact

#### FRONT

<b>Front bezel shape:</b>	flush
<b>Front bezel material:</b>	Stainless steel

#### MOUNTING

<b>Mounting cut-out:</b>	Ø 22 mm
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#### OPERATING-/INDICATION PART

<b>Lens colour:</b>	Silver
<b>Lens shape:</b>	raised
<b>Lens illumination:</b>	non illuminative
<b>Lens material:</b>	Stainless steel
<b>Lens optics:</b>	opaque

#### ELECTRICAL CHARACTERISTICS

<b>Thermal current <math>I_{th}</math>:</b>	5 A
<b>Electrical lifetime:</b>	50 000 cycles of operation
<b>Rated insulation voltage <math>U_i</math>:</b>	250 V
<b>Switching voltage and switching current:</b>	

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

**Contacts:** 1 C

**Rated Operational Voltage Ue:** 250 VAC

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

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

## MECHANICAL CHARACTERISTIC

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

**Mechanical lifetime:** 500 000 cycles of operation

**Weight:** 0.02 kg

**Contact material:** Silver

**Switching system:** Snap-action switching element

**Terminal:** Screw terminal

**Switching action:** Maintained

**Operating Travel:** ca. 3 mm

**Operating force:** 4 N ... 7 N

## AMBIENT CONDITION

**Vibration resistance:** 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

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

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

**Shock resistance:** Max. 500 m / s<sup>2</sup> as per IEC 60068-2-27

**Storage temperature:**

– 40 °C ... + 80 °C

## CERTIFICATE

### Conformities:

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

### Approbations:

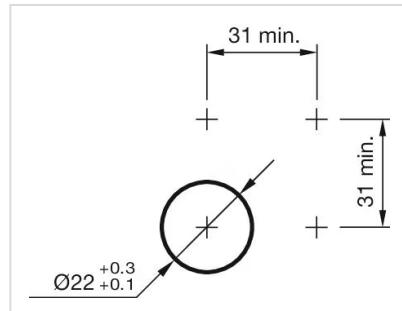
CB, CCC, C UL, UL

## OTHER

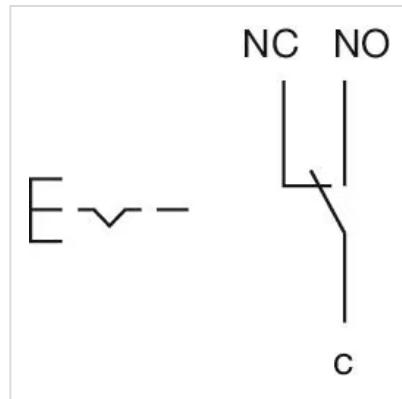
### Short Description:

Pushbutton Ø 22 mm silver contact, Maintained, 1 C, Screw terminal, Stainless steel, Silver

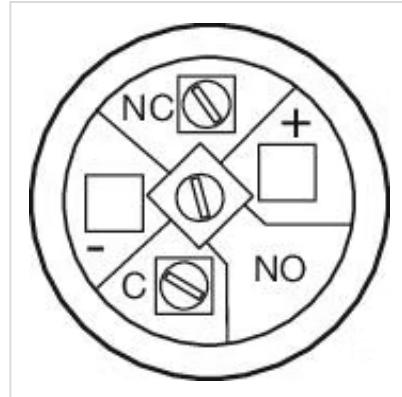
### Mounting cut-outs:



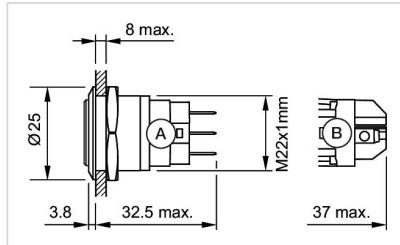
### Wiring diagrams:



### Component layouts:



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal