

## Pushbutton Ø 22 mm silver contact

82-6161.1000.B001



<https://eao.com/p/82-6161.1000.B001>

Your product:

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## 82-6161.1000.B001

### Pushbutton Ø 22 mm silver contact

#### FRONT

**Front bezel material:** Stainless steel

**Front bezel shape:** flush

#### MOUNTING

**Mounting cut-out:** Ø 22 mm

#### OPERATING-/INDICATION PART

**Symbol:** ON/OFF

**Lens material:** Stainless steel

**Lens colour:** Silver

**Lens shape:** flush

**Lens illumination:** non illuminative

**Lens optics:** opaque

#### ELECTRICAL CHARACTERISTICS

**Rated Operational Voltage U<sub>e</sub>:** 250 VAC

**Electrical lifetime:** 50 000 cycles of operation

**Thermal current I<sub>th</sub>:** 5 A

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

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

**Rated insulation voltage U<sub>i</sub>:** 250 V

**Contacts:** 1 C

**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	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

**MECHANICAL CHARACTERISTIC**

<b>Switching system:</b>	Snap-action switching element
<b>Operating force:</b>	4 N ... 7 N
<b>Operating Travel:</b>	ca. 3 mm
<b>Tightening torque:</b>	0.5 ... 0.6 Nm
<b>Weight:</b>	0.02 kg
<b>Switching action:</b>	Momentary
<b>Terminal:</b>	Soldering terminal, 2.8 x 0.5 mm
<b>Contact material:</b>	Silver
<b>Mechanical lifetime:</b>	1 Mio. cycles of operation

**AMBIENT CONDITION**

<b>IP front protection:</b>	IP65, IP67
<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>Climate resistance:</b>	Damp heat, 21 days according to IEC 60512-11
<b>Operating temperature:</b>	- 30 °C ... + 70 °C

**CERTIFICATE**

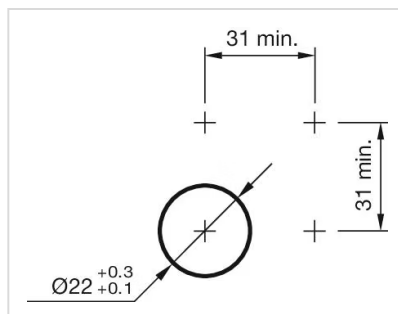
**Conformities:** CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

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

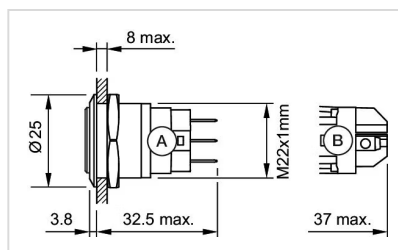
## OTHER

**Short Description:** Pushbutton Ø 22 mm silver contact, Momentary, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, ON/OFF, Silver

**Mounting cut-outs:**



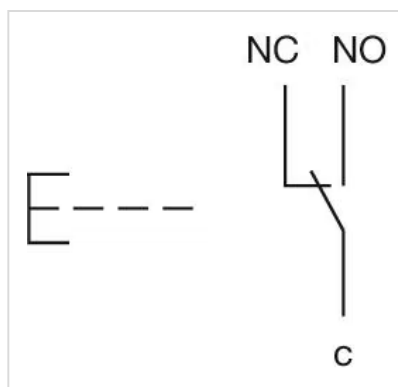
**Dimension drawings:**



A = Solder terminal

B = Screw terminal

**Wiring diagrams:**



**Component layouts:**

