

## Pushbutton Ø 22 mm silver contact

82-6571.1000



<https://eao.com/p/82-6571.1000>

Your product:

---



82-6571.1000  
Pushbutton Ø 22 mm silver contact

#### FRONT

**Front bezel shape:** flush  
**Front bezel material:** Aluminium

#### MOUNTING

**Mounting cut-out:** Ø 22 mm

#### OPERATING-/INDICATION PART

**Lens shape:** raised  
**Lens colour:** Nature  
**Lens optics:** opaque  
**Lens illumination:** non illuminative  
**Lens material:** Aluminium

#### ELECTRICAL CHARACTERISTICS

**Contacts:** 1 C  
**Electrical lifetime:** 50 000 cycles of operation  
**Rated insulation voltage Ui:** 250 V  
**Electric strength:** 1500 VAC, 50 Hz 1 minute between live terminals and ground  
**Rated Operational Voltage Ue:** 250 VAC  
**Thermal current Ith:** 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

## MECHANICAL CHARACTERISTIC

<b>Tightening torque:</b>	0.5 ... 0.6 Nm
<b>Contact material:</b>	Silver
<b>Switching system:</b>	Snap-action switching element
<b>Mechanical lifetime:</b>	1 Mio. cycles of operation
<b>Terminal:</b>	Soldering terminal, 2.8 x 0.5 mm
<b>Operating force:</b>	4 N ... 7 N
<b>Switching action:</b>	Momentary
<b>Operating Travel:</b>	ca. 3 mm
<b>Weight:</b>	0.019 kg

## AMBIENT CONDITION

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

## CERTIFICATE

<b>Conformities:</b>	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
----------------------	---

**Approbations:**

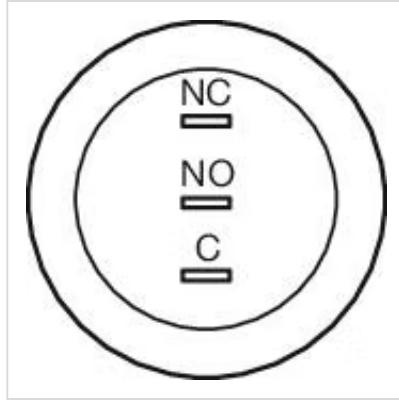
CB, CCC, C UL, UL

## OTHER

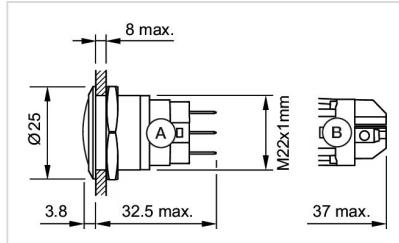
### Short Description:

Pushbutton Ø 22 mm silver contact, Momentary, 1 C, Soldering terminal, 2.8 x 0.5 mm, Aluminium, Nature

### Component layouts:

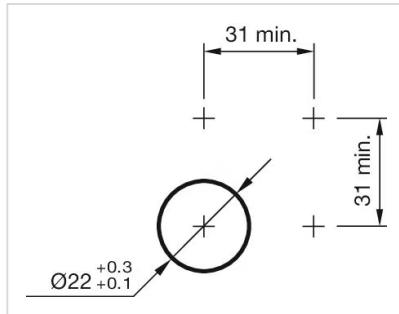


### Dimension drawings:



A = Solder terminal  
B = Screw terminal

### Mounting cut-outs:



### Wiring diagrams:

