

## Pushbutton Ø 22 mm silver contact

82-6552.1000



<https://eao.com/p/82-6552.1000>

Your product:

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82-6552.1000

Pushbutton Ø 22 mm silver contact

#### FRONT

**Front dimension:** Ø 25 mm

**Front form:** round

**Front bezel material:** Aluminium

**Front bezel shape:** flush

#### MOUNTING

**Mounting cut-out:** Ø 22 mm

**Mounting type:** Panel mounting

#### OPERATING-/INDICATION PART

**Lens colour:** Nature

**Lens material:** Aluminium

**Lens illumination:** non illuminative

**Lens shape:** flush

**Lens optics:** opaque

#### ELECTRICAL CHARACTERISTICS

**Contacts:** 1 C

**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

Current

1 A

1 A (M12 version)

1 A

0.5 A

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

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

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

**Rated Operational Voltage  $U_e$ :** 250 VAC

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

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

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

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

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

## MECHANICAL CHARACTERISTIC

**Terminal:** Screw terminal

**Contact material:** Silver

**Switching action:** Momentary

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

**Mechanical lifetime:** 1 Mio. cycles of operation

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

**Operating Travel:** ca. 3 mm

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

**Weight:** 0.018 kg

## AMBIENT CONDITION

**IP front protection:** IP65, IP67

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

**Storage temperature:**

– 40 °C ... + 80 °C

**Shock resistance:**

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

**Vibration resistance:**

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

**Climate resistance:**

Damp heat, 21 days according to IEC 60512-11

**CERTIFICATE**

**Approbations:**

CB, CCC, C UL, UL

**Conformities:**

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

**REACH:**

REACH compliant

**RoHS:**

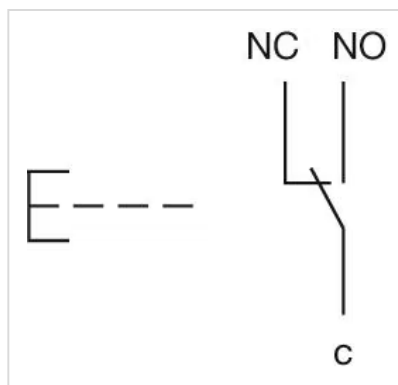
RoHS compliant

**OTHER**

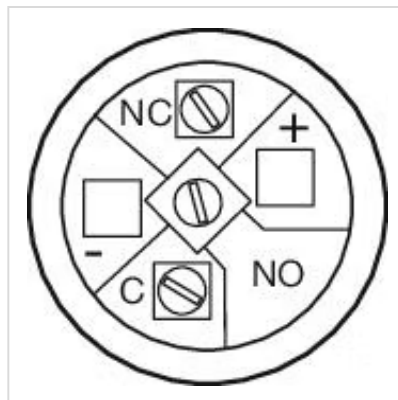
**Short Description:**

Pushbutton Ø 22 mm silver contact, Momentary, 1 C, Screw terminal, round, Aluminium, Nature

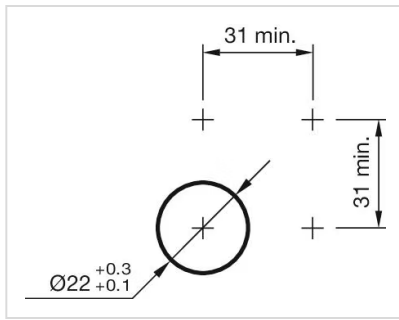
**Wiring diagrams:**



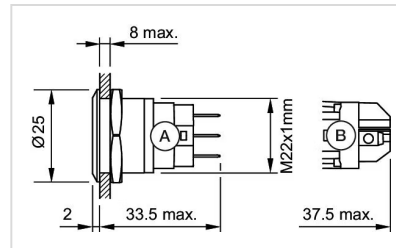
**Component layouts:**



**Mounting cut-outs:**



### Dimension drawings:



A = Solder terminal  
B = Screw terminal

Where to Buy