

## 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  | 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     |

**Rated Operational Voltage Ue:** 250 VAC

**Rated insulation voltage Ui:** 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 Ith:** 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)

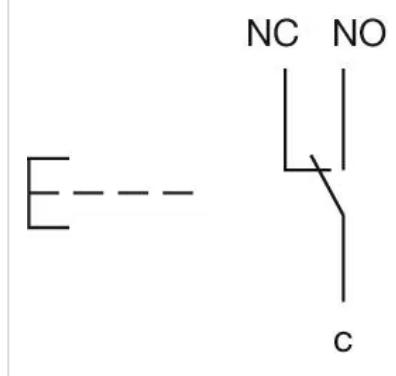
**REACH:** REACH compliant

**RoHS:** RoHS compliant

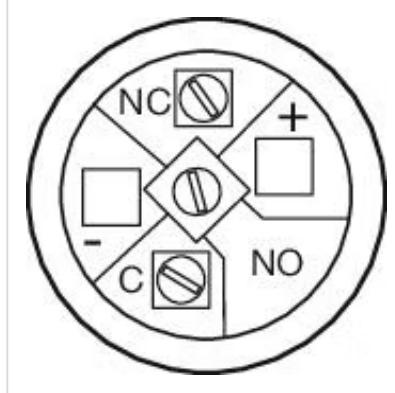
## OTHER

**Short Description:** Pushbutton Ø 22 mm silver contact, Momentary, 1 C, Screw terminal, round, Aluminium, Nature

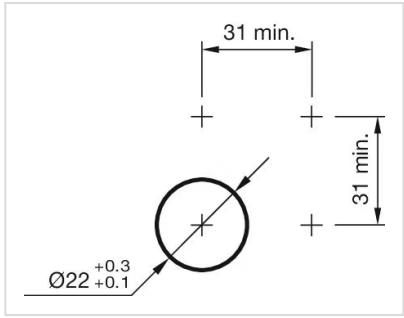
**Wiring diagrams:**



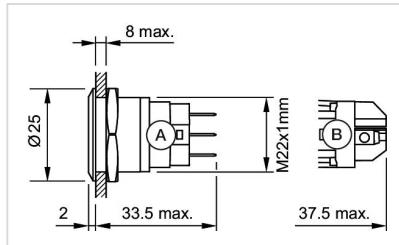
**Component layouts:**



**Mounting cut-outs:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal

**Where to Buy**