

## Pushbutton Ø 22 mm silver contact

82-6572.1000



<https://eao.com/p/82-6572.1000>

Your product:

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82-6572.1000

Pushbutton Ø 22 mm silver contact

#### FRONT

**Front bezel material:** Aluminium

**Front bezel shape:** flush

#### MOUNTING

**Mounting cut-out:** Ø 22 mm

#### OPERATING-/INDICATION PART

**Lens illumination:** non illuminative

**Lens optics:** opaque

**Lens colour:** Nature

**Lens shape:** raised

**Lens material:** Aluminium

#### ELECTRICAL CHARACTERISTICS

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

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

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

**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) |         |
| cosφ 0,75 ... 0,8                     |         |
| Voltage                               | Current |
| 120 VAC                               | 5 A     |
| 240 VAC                               | 3 A     |
| 24 VAC                                | 1 A     |

|                             |                                |
|-----------------------------|--------------------------------|
| <b>Pollution degree:</b>    | 2, according to EN IEC 60947-1 |
| <b>Thermal current Ith:</b> | 5 A                            |
| <b>Contacts:</b>            | 1 C                            |
| <b>Electrical lifetime:</b> | 50 000 cycles of operation     |

## MECHANICAL CHARATERISTIC

|                             |                                       |
|-----------------------------|---------------------------------------|
| <b>Switching action:</b>    | Momentary                             |
| <b>Contact material:</b>    | Silver                                |
| <b>Operating force:</b>     | 4 N ... 7 N                           |
| <b>Switching system:</b>    | Snap-action switching element         |
| <b>Mechanical lifetime:</b> | 1 Mio. cycles of operation            |
| <b>Tightening torque:</b>   | 0.5 ... 0.6 Nm, Screw terminal 0.1 Nm |
| <b>Operating Travel:</b>    | ca. 3 mm                              |
| <b>Weight:</b>              | 0.019 kg                              |
| <b>Terminal:</b>            | Screw terminal                        |

## AMBIENT CONDITION

|                               |  |
|-------------------------------|--|
| <b>Vibration resistance:</b>  | 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6 |
| <b>Shock resistance:</b>      | Max. 500 m / s² as per IEC 60068-2-27                          |
| <b>Operating temperature:</b> | – 30 °C ... + 70 °C  |
| <b>Climate resistance:</b>    | Damp heat, 21 days according to IEC 60512-11                   |
| <b>Storage temperature:</b>   |  |

– 40 °C ... + 80 °C

## CERTIFICATE

### Conformities:

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

### Approbations:

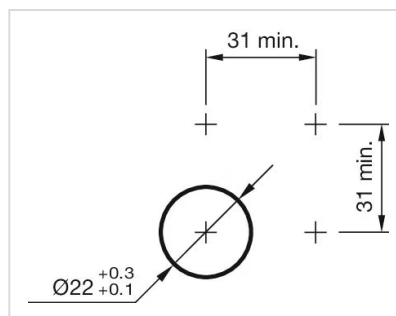
CB, CCC, C UL, UL

## OTHER

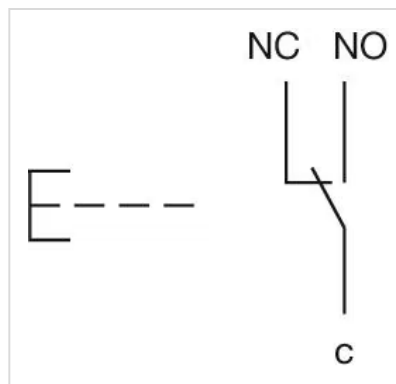
### Short Description:

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

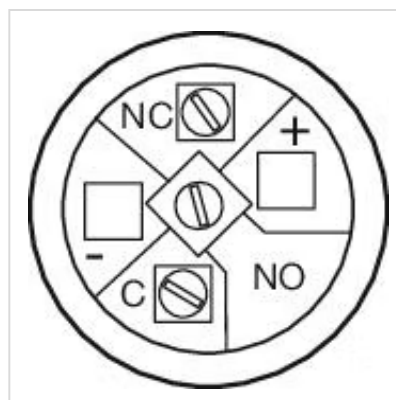
### Mounting cut-outs:



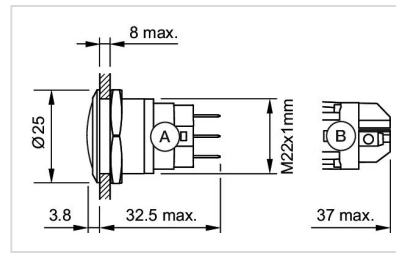
### Wiring diagrams:



### Component layouts:



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal