

## Illuminated pushbutton Ø 22 mm silver contact

82-6152.1134.B001



<https://eao.com/p/82-6152.1134.B001>

Your product:

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82-6152.1134.B001  
Illuminated 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

**Illumination colour:** Green

**Lens shape:** flush

**Lens material:** Stainless steel

**Lens colour:** Silver

**Shape of illumination:** Ring

**Lens optics:** opaque

**Lens illumination:** illuminative

#### ELECTRICAL CHARACTERISTICS

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

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

**Contacts:** 1 C

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

**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>Rated insulation voltage Ui:</b> | 250 V                      |
| <b>Operating voltage:</b>           | 24 V AC/DC                 |
| <b>Electrical lifetime:</b>         | 50 000 cycles of operation |

## MECHANICAL CHARACTERISTIC

|                             |                                       |
|-----------------------------|---------------------------------------|
| <b>Weight:</b>              | 0.018 kg                              |
| <b>Switching system:</b>    | Snap-action switching element         |
| <b>Contact material:</b>    | Silver                                |
| <b>Terminal:</b>            | Screw terminal                        |
| <b>Mechanical lifetime:</b> | 1 Mio. cycles of operation            |
| <b>Switching action:</b>    | Momentary                             |
| <b>Operating force:</b>     | 4 N ... 7 N                           |
| <b>Tightening torque:</b>   | 0.5 ... 0.6 Nm, Screw terminal 0.1 Nm |
| <b>Operating Travel:</b>    | ca. 3 mm                              |

## AMBIENT CONDITION

|                               |                                                                |
|-------------------------------|----------------------------------------------------------------|
| <b>Climate resistance:</b>    | Damp heat, 21 days according to IEC 60512-11                   |
| <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>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                                            |

## CERTIFICATE

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

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

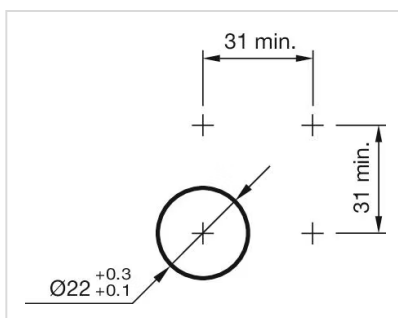
## OTHER

**Kind of illumination:** Single-LED

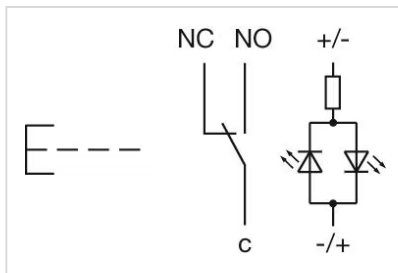
**Short Description:** Illuminated pushbutton Ø 22 mm silver contact, Momentary, 24 V AC/DC, 1 C, Screw terminal, Stainless steel, Green, ON/OFF, Silver

**Symbol:** ON/OFF

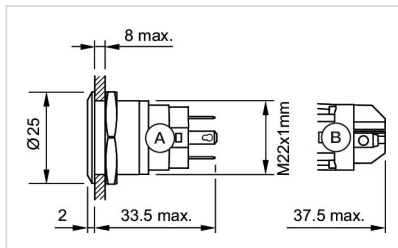
**Mounting cut-outs:**



**Wiring diagrams:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal

**Component layouts:**

