

# Illuminated pushbutton Ø 22 mm silver contact

82-6151.2133.B001



<https://eao.com/p/82-6151.2133.B001>

Your product:

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82-6151.2133.B001  
Illuminated pushbutton Ø  
22 mm silver contact

#### FRONT

**Front bezel material:** Stainless steel

#### MOUNTING

**Mounting cut-out:** Ø 22 mm

#### OPERATING-/INDICATION PART

**Illumination colour:** Green

**Lens colour:** Silver

**Lens optics:** opaque

**Lens material:** Stainless steel

**Lens shape:** flush

**Shape of illumination:** Ring

**Lens illumination:** illuminative

#### ELECTRICAL CHARACTERISTICS

**Operating voltage:** 12 V AC/DC

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

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

**Contacts:** 1 C

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

**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

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 Ue:** 250 VAC

**Rated insulation voltage Ui:** 250 V

## MECHANICAL CHARACTERISTIC

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

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

**Terminal:** Soldering terminal, 2.8 x 0.5 mm

**Mechanical lifetime:** 500 000 cycles of operation

**Tightening torque:** 0.5 ... 0.6 Nm

**Weight:** 0.018 kg

**Operating Travel:** ca. 3 mm

**Contact material:** Silver

**Switching action:** Maintained

## AMBIENT CONDITION

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

**Climate resistance:** Damp heat, 21 days according to IEC 60512-11

**Storage temperature:** - 40 °C ... + 80 °C

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

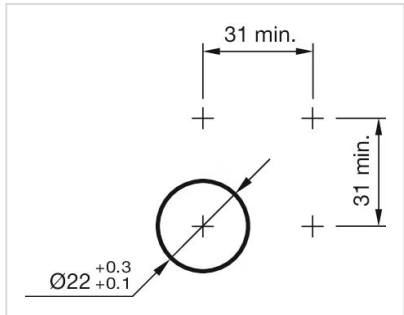
**Vibration resistance:** 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

**CERTIFICATE**

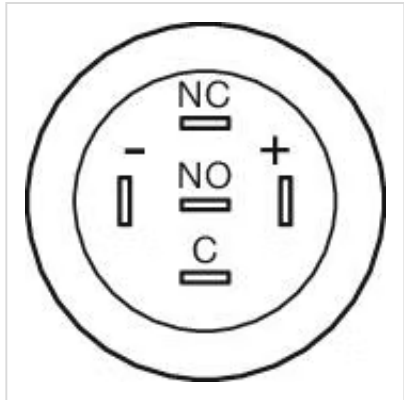
**Conformities:** CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)  
**Approbations:** CB, CCC, C UL, UL

**OTHER**

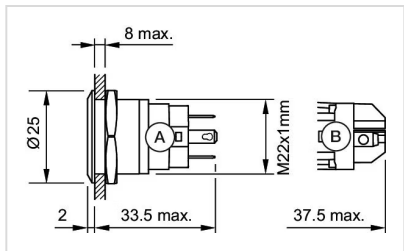
**Symbol:** ON/OFF  
**Short Description:** Illuminated pushbutton Ø 22 mm silver contact, Maintained, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Green, ON/OFF, Silver  
**Kind of illumination:** Single-LED  
**Mounting cut-outs:**



**Component layouts:**



**Dimension drawings:**



**Wiring diagrams:**

