

## Illuminated pushbutton Ø 22 mm silver contact

82-6152.2134



<https://eao.com/p/82-6152.2134>

Your product:

---



82-6152.2134

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

**Lens material:** Stainless steel

**Lens shape:** flush

**Lens illumination:** illuminative

**Shape of illumination:** Ring

**Lens colour:** Silver

**Illumination colour:** Green

**Lens optics:** opaque

#### ELECTRICAL CHARACTERISTICS

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

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

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

**Operating voltage:** 24 V AC/DC

**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

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

5 A

**Electric strength:**

1500 VAC, 50 Hz 1 minute between life terminals and ground

**Contacts:**

1 C

## MECHANICAL CHARACTERISTIC

**Operating force:**

4 N ... 7 N

**Terminal:**

Screw terminal

**Weight:**

0.018 kg

**Tightening torque:**

0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

**Switching action:**

Maintained

**Switching system:**

Snap-action switching element

**Contact material:**

Silver

**Operating Travel:**

ca. 3 mm

**Mechanical lifetime:**

500 000 cycles of operation

## AMBIENT CONDITION

**Climate resistance:**

Damp heat, 21 days according to IEC 60512-11

**Shock resistance:**

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

**Storage temperature:**

– 40 °C ... + 80 °C

**Operating temperature:**

– 30 °C ... + 70 °C

**Vibration resistance:**

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

## CERTIFICATE

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

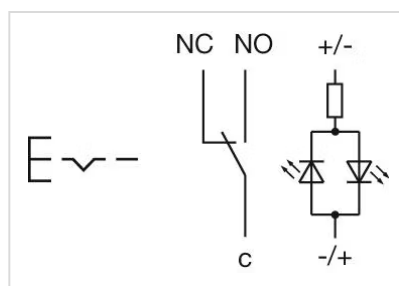
**Conformities:** CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

## OTHER

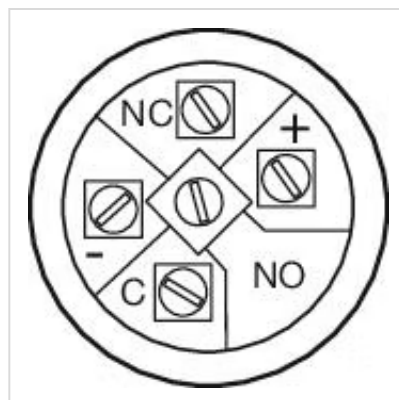
**Kind of illumination:** Single-LED

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

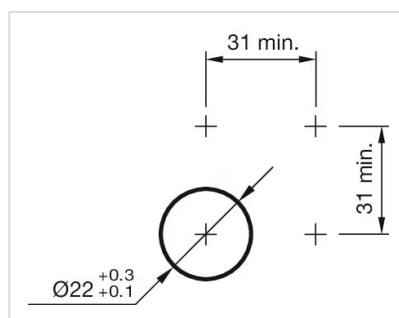
**Wiring diagrams:**



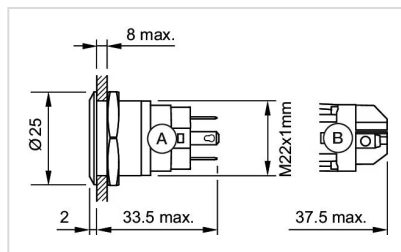
**Component layouts:**



**Mounting cut-outs:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal