

## Illuminated pushbutton Ø 22 mm silver contact

82-6551.2134



<https://eao.com/p/82-6551.2134>

Your product:

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82-6551.2134

Illuminated pushbutton Ø  
22 mm silver contact

#### FRONT

**Front bezel material:** Aluminium

#### MOUNTING

**Mounting cut-out:** Ø 22 mm

#### OPERATING-/INDICATION PART

**Lens illumination:** illuminative

**Lens optics:** opaque

**Lens material:** Aluminium

**Illumination colour:** Green

**Lens colour:** Nature

**Lens shape:** flush

**Shape of illumination:** Ring

#### ELECTRICAL CHARACTERISTICS

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

**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

**Contacts:** 1 C

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

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

**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 versio
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 vers
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

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

**MECHANICAL CHARACTERISTIC**

<b>Operating force:</b>	4 N ... 7 N
<b>Weight:</b>	0.018 kg
<b>Mechanical lifetime:</b>	500 000 cycles of operation
<b>Terminal:</b>	Soldering terminal, 2.8 x 0.5 mm
<b>Tightening torque:</b>	0.5 ... 0.6 Nm
<b>Switching system:</b>	Snap-action switching element
<b>Switching action:</b>	Maintained
<b>Operating Travel:</b>	ca. 3 mm
<b>Contact material:</b>	Silver

**AMBIENT CONDITION**

<b>Storage temperature:</b>	- 40 °C ... + 80 °C
<b>Shock resistance:</b>	Max. 500 m / s <sup>2</sup> 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>Vibration resistance:</b>	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

**CERTIFICATE**

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

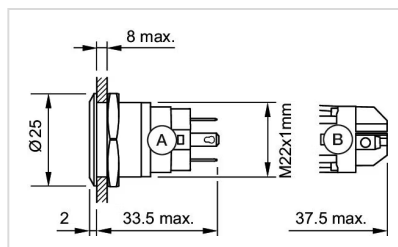
**Conformities:** CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

## OTHER

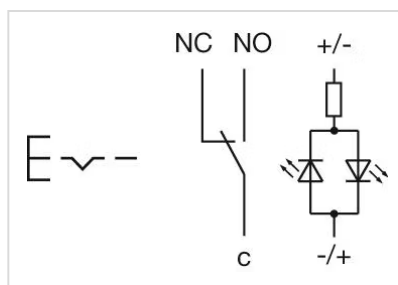
**Kind of illumination:** Single-LED

**Short Description:** Illuminated pushbutton Ø 22 mm silver contact, Maintained, 24 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Aluminium, Green, Nature

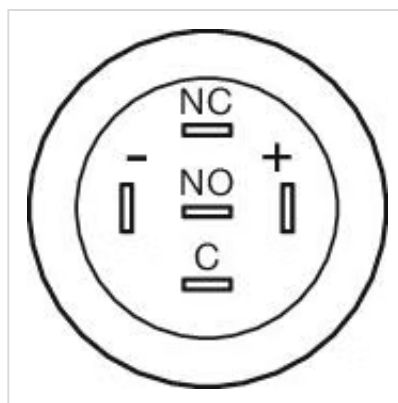
**Dimension drawings:**



**Wiring diagrams:**



**Component layouts:**



**Mounting cut-outs:**

