

## Illuminated pushbutton Ø 22 mm silver contact

82-6551.2114



<https://eao.com/p/82-6551.2114>

Your product:

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82-6551.2114

Illuminated 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

**Illumination colour:** Red

**Lens material:** Aluminium

**Lens colour:** Nature

**Lens illumination:** illuminative

**Shape of illumination:** Ring

**Lens optics:** opaque

**Lens shape:** flush

#### ELECTRICAL CHARACTERISTICS

**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>Electrical lifetime:</b>	50 000 cycles of operation
<b>Rated insulation voltage Ui:</b>	250 V
<b>Contacts:</b>	1 C
<b>Operating voltage:</b>	24 V AC/DC
<b>Thermal current Ith:</b>	5 A
<b>Pollution degree:</b>	2, according to EN IEC 60947-1

## MECHANICAL CHARATERISTIC

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

## AMBIENT CONDITION

<b>Operating temperature:</b>	– 30 °C ... + 70 °C
<b>Climate resistance:</b>	Damp heat, 21 days according to IEC 60512-11
<b>Shock resistance:</b>	

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

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

## CERTIFICATE

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

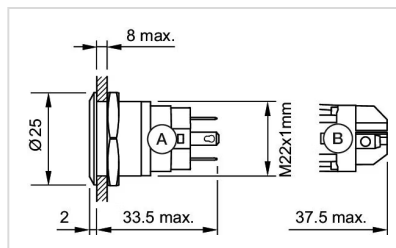
**Conformities:** CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

## OTHER

**Kind of illumination:** Single-LED

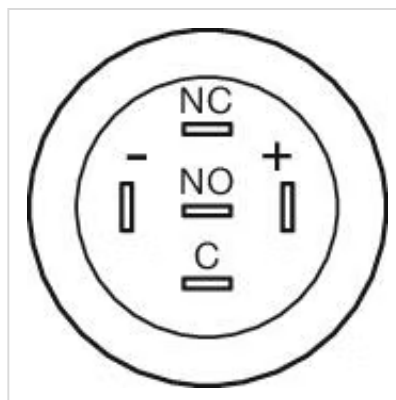
**Short Description:** Illuminated pushbutton Ø 22 mm silver contact, Maintained, 24 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Aluminium, Red, Nature

**Dimension drawings:**

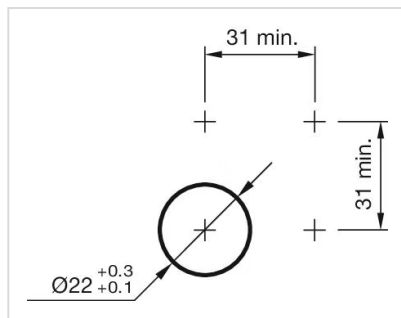


A = Solder terminal  
B = Screw terminal

**Component layouts:**



**Mounting cut-outs:**



**Wiring diagrams:**

