

Illuminated pushbutton Ø 22 mm silver contact

82-6151.1114



<https://eao.com/p/82-6151.1114>

Your product:



82-6151.1114

Illuminated pushbutton Ø
22 mm silver contact

FRONT

Front bezel material: Stainless steel

MOUNTING

Mounting cut-out: Ø 22 mm

OPERATING-/INDICATION PART

Lens optics: opaque

Lens colour: Silver

Shape of illumination: Ring

Lens illumination: illuminative

Illumination colour: Red

Lens shape: flush

Lens material: Stainless steel

ELECTRICAL CHARACTERISTICS

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

Contacts: 1 C

Rated insulation voltage U_i : 250 V

Electrical lifetime: 50 000 cycles of operation

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

MECHANICAL CHARACTERISTIC

Switching system: Snap-action switching element

Contact material: Silver

Weight: 0.018 kg

Mechanical lifetime: 1 Mio. cycles of operation

Switching action: Momentary

Operating Travel: ca. 3 mm

Terminal: Soldering terminal, 2.8 x 0.5 mm

Operating force: 4 N ... 7 N

Tightening torque: 0.5 ... 0.6 Nm

AMBIENT CONDITION

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

Shock resistance: Max. 500 m / s² as per IEC 60068-2-27

Vibration resistance:

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

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

Operating temperature: – 30 °C ... + 70 °C

CERTIFICATE

Approbations: CB, CCC, C UL, UL

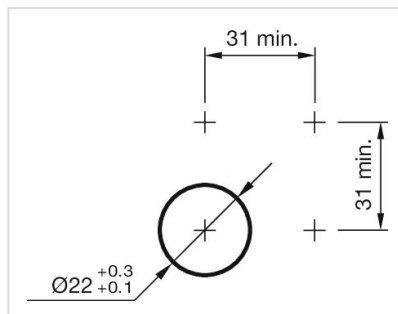
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

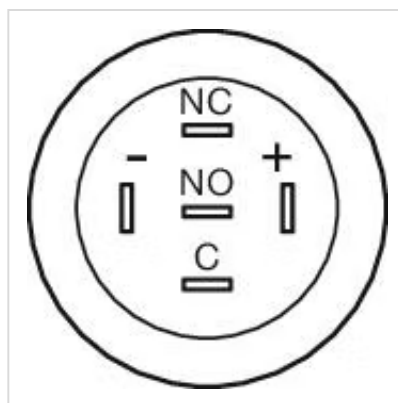
Kind of illumination: Single-LED

Short Description: Illuminated pushbutton Ø 22 mm silver contact, Momentary, 24 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Red, Silver

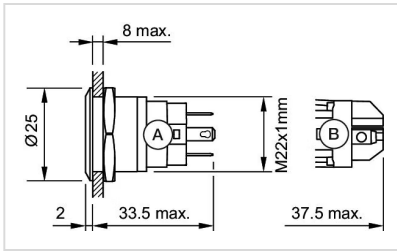
Mounting cut-outs:



Component layouts:



Dimension drawings:



Wiring diagrams:

