

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 Ue:	250 VAC
Thermal current Ith:	5 A
Contacts:	1 C
Rated insulation voltage Ui:	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 / s ² 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

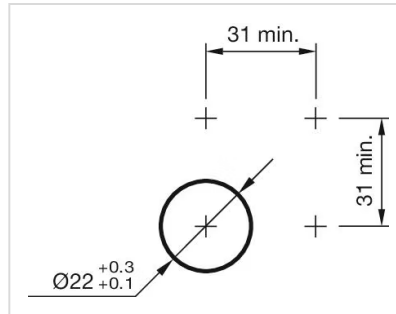
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

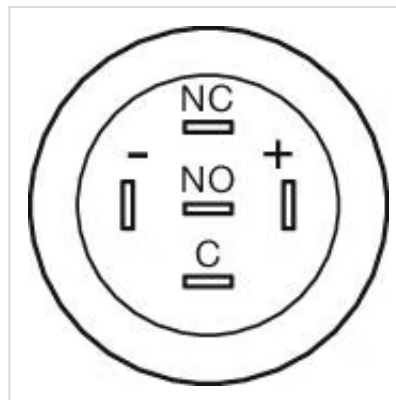
Kind of illumination: Single-LED

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

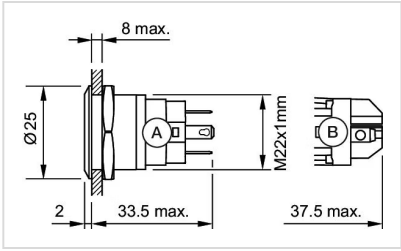
Mounting cut-outs:



Component layouts:



Dimension drawings:



Wiring diagrams:

