

Illuminated pushbutton Ø 22 mm silver contact

82-6151.1114.B002



<https://eao.com/p/82-6151.1114.B002>

Your product:



82-6151.1114.B002
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 illumination: illuminative

Shape of illumination: Ring

Lens colour: Silver

Lens material: Stainless steel

Illumination colour: Red

Lens optics: opaque

Lens shape: flush

ELECTRICAL CHARACTERISTICS

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

Thermal current I_{th}: 5 A

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

Electrical lifetime:

50 000 cycles of operation

Electric strength:

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

Rated insulation voltage Ui:

250 V

Contacts:

1 C

MECHANICAL CHARACTERISTIC

Mechanical lifetime:

1 Mio. cycles of operation

Operating Travel:

ca. 3 mm

Operating force:

4 N ... 7 N

Switching action:

Momentary

Weight:

0.018 kg

Switching system:

Snap-action switching element

Tightening torque:

0.5 ... 0.6 Nm

Contact material:

Silver

Terminal:

Soldering terminal, 2.8 x 0.5 mm

AMBIENT CONDITION

Vibration resistance:

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

Operating temperature:

- 30 °C ... + 70 °C

Shock resistance:

Max. 500 m / s² as per IEC 60068-2-27

Climate resistance:

Damp heat, 21 days according to IEC 60512-11

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

CERTIFICATE

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

Approbations: CB, CCC, C UL, UL

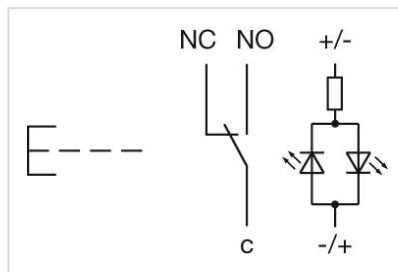
OTHER

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, Standby, Silver

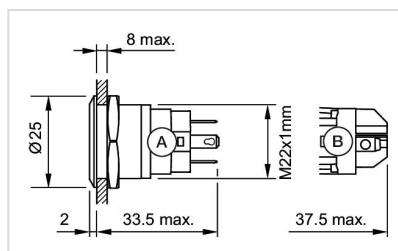
Kind of illumination: Single-LED

Symbol: Standby

Wiring diagrams:

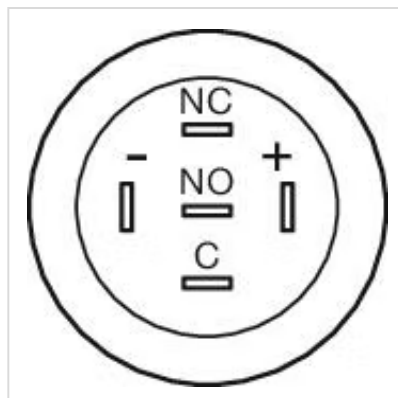


Dimension drawings:



A = Solder terminal
B = Screw terminal

Component layouts:



Mounting cut-outs:

