

Illuminated pushbutton Ø 22 mm silver contact

82-6151.2124.B002



<https://eao.com/p/82-6151.2124.B002>

Your product:



82-6151.2124.B002
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

Shape of illumination: Ring

Illumination colour: Blue

Lens illumination: illuminative

Lens colour: Silver

Lens shape: flush

Lens material: Stainless steel

ELECTRICAL CHARACTERISTICS

Contacts: 1 C

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

Rated insulation voltage U_i : 250 V

Rated Operational Voltage U_e : 250 VAC

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

Electrical lifetime:

50 000 cycles of operation

Thermal current I_{th}:

5 A

Electric strength:

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

Operating voltage:

24 V AC/DC

MECHANICAL CHARACTERISTIC

Terminal:

Soldering terminal, 2.8 x 0.5 mm

Tightening torque:

0.5 ... 0.6 Nm

Contact material:

Silver

Switching action:

Maintained

Operating Travel:

ca. 3 mm

Switching system:

Snap-action switching element

Mechanical lifetime:

500 000 cycles of operation

Operating force:

4 N ... 7 N

Weight:

0.018 kg

AMBIENT CONDITION

Climate resistance:

Damp heat, 21 days according to IEC 60512-11

Vibration resistance:

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

Shock resistance:

Max. 500 m / s² as per IEC 60068-2-27

Operating temperature:

– 30 °C ... + 70 °C

Storage temperature:

– 40 °C ... + 80 °C

CERTIFICATE

Approbations:

CB, CCC, C UL, UL

Conformities:

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

OTHER

Symbol:

Standby

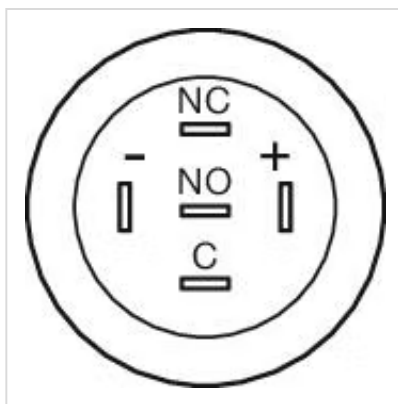
Short Description:

Illuminated pushbutton Ø 22 mm silver contact, Maintained, 24 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Blue, Standby, Silver

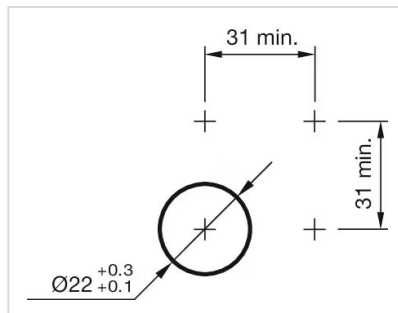
Kind of illumination:

Single-LED

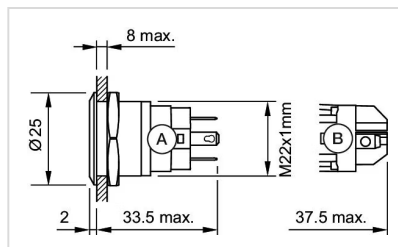
Component layouts:



Mounting cut-outs:



Dimension drawings:



Wiring diagrams:

