

Illuminated pushbutton Ø 22 mm silver contact

82-6151.2113.B002



<https://eao.com/p/82-6151.2113.B002>

Your product:



82-6151.2113.B002
Illuminated pushbutton Ø
22 mm silver contact

FRONT

Front bezel shape: flush
Front bezel material: Stainless steel

MOUNTING

Mounting cut-out: Ø 22 mm

OPERATING-/INDICATION PART

Lens illumination: illuminative
Illumination colour: Red
Lens colour: Silver
Lens shape: flush
Lens optics: opaque
Lens material: Stainless steel
Shape of illumination: Ring

ELECTRICAL CHARACTERISTICS

Electrical lifetime: 50 000 cycles of operation
Contacts: 1 C
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)

$\cos\phi$ 0,75 ... 0,8

Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

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

Rated insulation voltage Ui: 250 V

Thermal current Ith: 5 A

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

Operating voltage: 12 V AC/DC

Rated Operational Voltage Ue: 250 VAC

MECHANICAL CHARACTERISTIC

Mechanical lifetime: 500 000 cycles of operation

Tightening torque: 0.5 ... 0.6 Nm

Switching system: Snap-action switching element

Weight: 0.018 kg

Terminal: Soldering terminal, 2.8 x 0.5 mm

Contact material: Silver

Operating force: 4 N ... 7 N

Switching action: Maintained

Operating Travel: ca. 3 mm

AMBIENT CONDITION

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

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

Operating temperature:

– 30 °C ... + 70 °C

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

CERTIFICATE

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

Approbations: CB, CCC, C UL, UL

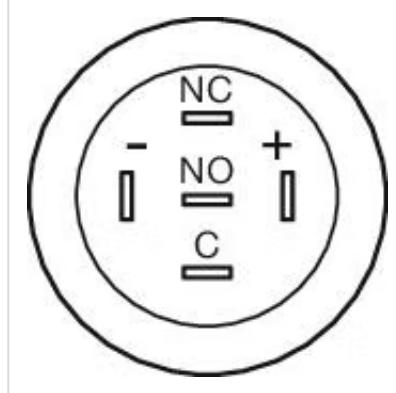
OTHER

Kind of illumination: Single-LED

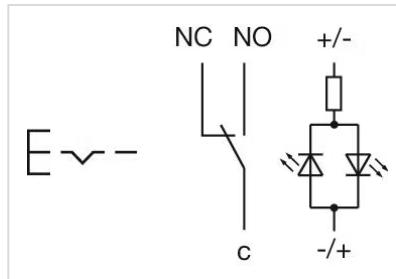
Symbol: Standby

Short Description: Illuminated pushbutton Ø 22 mm silver contact, Maintained, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Red, Standby, Silver

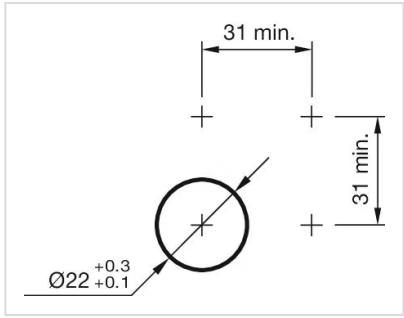
Component layouts:



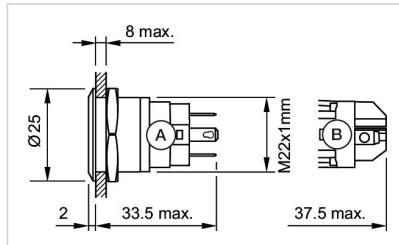
Wiring diagrams:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal