

Pushbutton Ø 22 mm silver contact

82-6151.1000.B001



<https://eao.com/p/82-6151.1000.B001>

Your product:



82-6151.1000.B001
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 optics: opaque
Lens illumination: non illuminative
Lens material: Stainless steel
Lens shape: flush
Lens colour: Silver

ELECTRICAL CHARACTERISTICS

Electric strength: 1500 VAC, 50 Hz 1 minute between life terminals and ground
Thermal current Ith: 5 A
Rated Operational Voltage Ue: 250 VAC
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 |

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

Rated insulation voltage Ui: 250 V

Contacts: 1 C

Electrical lifetime: 50 000 cycles of operation

MECHANICAL CHARACTERISTIC

Mechanical lifetime: 1 Mio. cycles of operation

Switching system: Snap-action switching element

Switching action: Momentary

Tightening torque: 0.5 ... 0.6 Nm

Contact material: Silver

Weight: 0.018 kg

Operating force: 4 N ... 7 N

Operating Travel: ca. 3 mm

Terminal: Soldering terminal, 2.8 x 0.5 mm

AMBIENT CONDITION

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

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

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

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

Vibration resistance:

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

CERTIFICATE

Conformities:

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

Approbations:

CB, CCC, C UL, UL

OTHER

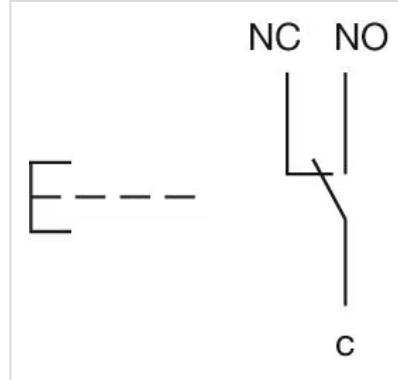
Short Description:

Pushbutton Ø 22 mm silver contact, Momentary, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, ON/OFF, Silver

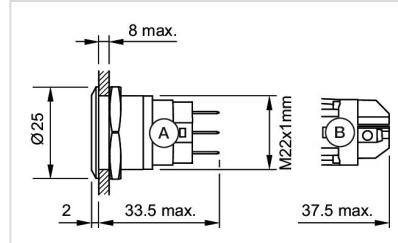
Symbol:

ON/OFF

Wiring diagrams:

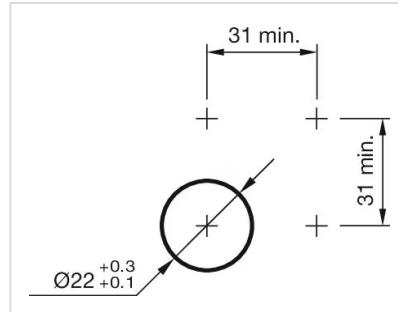


Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:



Component layouts:

