

Illuminated pushbutton Ø 22 mm silver contact

82-6551.2123



<https://eao.com/p/82-6551.2123>

Your product:



82-6551.2123
Illuminated pushbutton Ø
22 mm silver contact

FRONT

Front bezel material: Aluminium
Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 22 mm

OPERATING-/INDICATION PART

Shape of illumination: Ring
Lens material: Aluminium
Lens optics: opaque
Lens shape: flush
Lens colour: Nature
Illumination colour: Blue
Lens illumination: illuminative

ELECTRICAL CHARACTERISTICS

Rated insulation voltage Ui: 250 V
Electrical lifetime: 50 000 cycles of operation
Operating voltage: 12 V AC/DC
Contacts: 1 C
Electric strength: 1500 VAC, 50 Hz 1 minute between life terminals and ground
Pollution degree: 2, according to EN IEC 60947-1

| | | | |
|--|---|--|--|
| Thermal current I_{th}: | 5 A | | |
| 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 | Current | | |
| 24 VAC | 1 A | | |
| 35 VAC | 1 A (M12 versio | | |
| 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 vers | | |
| 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 | | |

MECHANICAL CHARACTERISTIC

| | |
|-----------------------------|----------------------------------|
| Mechanical lifetime: | 500 000 cycles of operation |
| Tightening torque: | 0.5 ... 0.6 Nm |
| Contact material: | Silver |
| Switching system: | Snap-action switching element |
| Switching action: | Maintained |
| Operating force: | 4 N ... 7 N |
| Weight: | 0.018 kg |
| Operating Travel: | ca. 3 mm |
| Terminal: | Soldering terminal, 2.8 x 0.5 mm |

AMBIENT CONDITION

| | |
|-------------------------------|--|
| Climate resistance: | Damp heat, 21 days according to IEC 60512-11 |
| Operating temperature: | - 30 °C ... + 70 °C |
| 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 |

CERTIFICATE

Approbations: CB, CCC, C UL, UL

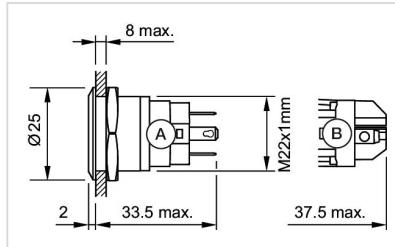
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

Kind of illumination: Single-LED

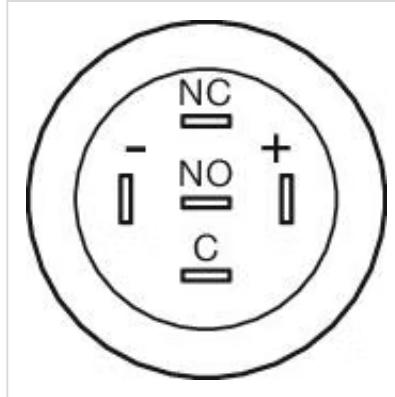
Short Description: Illuminated pushbutton Ø 22 mm silver contact, Maintained, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Aluminium, Blue, Nature

Dimension drawings:

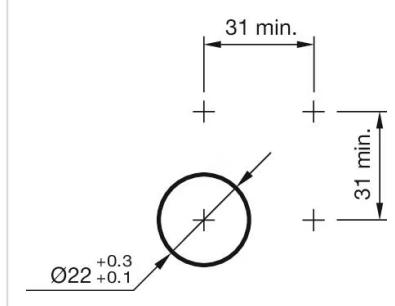


A = Solder terminal
B = Screw terminal

Component layouts:



Mounting cut-outs:



Wiring diagrams:

