

Illuminated pushbutton Ø 22 mm silver contact

82-6151.1114



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

Your product:



82-6151.1114

Illuminated pushbutton Ø 22 mm silver contact

FRONT

| | |
|------------------------------|-----------------|
| Front bezel material: | Stainless steel |
| Front form: | round |
| Front dimension: | Ø 25 mm |
| Front bezel shape: | flush |

MOUNTING

| | |
|--------------------------|----------------|
| Mounting type: | Panel mounting |
| Mounting cut-out: | Ø 22 mm |

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

| | |
|---------------------------|--------------------------------|
| Operation current: | 7 mA |
| Pollution degree: | 2, according to EN IEC 60947-1 |
| Operating voltage: | 24 V AC/DC |

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 |

| | |
|--------------------------------------|--|
| Rated Operational Voltage Ue: | 250 VAC |
| Thermal current Ith: | 5 A |
| Contacts: | 1 C |
| Rated insulation voltage Ui: | 250 V |
| Electrical lifetime: | 50 000 cycles of operation |
| Electric strength: | 1500 VAC, 50 Hz 1 minute between life terminals and ground |

MECHANICAL CHARACTERISTIC

| | |
|-----------------------------|----------------------------------|
| Switching system: | Snap-action switching element |
| Contact material: | Silver |
| Weight: | 0.018 kg |
| Mechanical lifetime: | 1 Mio. cycles of operation |
| Switching action: | Momentary |
| Operating Travel: | ca. 3 mm |
| Terminal: | Soldering terminal, 2.8 x 0.5 mm |
| Operating force: | 4 N ... 7 N |
| Tightening torque: | 0.5 ... 0.6 Nm |

AMBIENT CONDITION

| | |
|------------------------------|---|
| 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

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

IP front protection: IP65, IP67

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

CERTIFICATE

Approbations: CB, CCC, C UL, UL

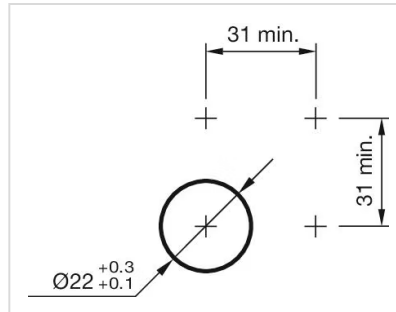
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

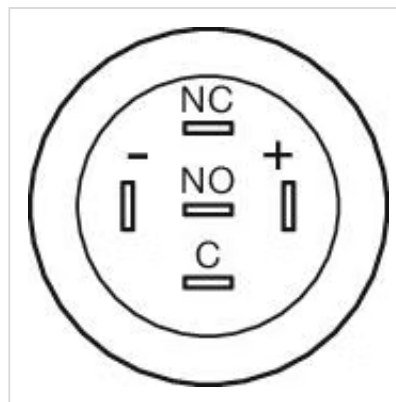
Kind of illumination: Single-LED

Short Description: Illuminated pushbutton Ø 22 mm silver contact, Momentary, 24 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Red, Silver

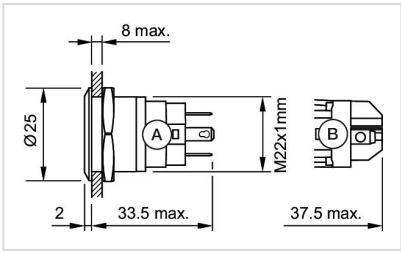
Mounting cut-outs:



Component layouts:



Dimension drawings:



A = Solder terminal
 B = Screw terminal

Wiring diagrams:

