

Illuminated pushbutton Ø 19 mm silver contact

82-5152.1134



<https://eao.com/p/82-5152.1134>

Your product:



82-5152.1134

Illuminated pushbutton Ø
19 mm silver contact

FRONT

Front bezel material: Stainless steel

Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 19 mm

OPERATING-/INDICATION PART

Lens material: Stainless steel

Illumination colour: Green

Lens optics: opaque

Lens illumination: illuminative

Lens colour: Silver

Shape of illumination: Ring

Lens shape: flush

ELECTRICAL CHARACTERISTICS

Rated insulation voltage U_i : 250 V

Electrical lifetime: 50 000 cycles of operation

Operating voltage: 24 V DC

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

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) | |
| cosφ 0,75 ... 0,8 | |
| Voltage | Current |
| 120 VAC | 5 A |
| 240 VAC | 3 A |
| 24 VAC | 1 A |

| | |
|--------------------------------------|--------------------------------|
| Rated Operational Voltage Ue: | 250 VAC |
| Contacts: | 1 C |
| Thermal current Ith: | 5 A |
| Pollution degree: | 2, according to EN IEC 60947-1 |

MECHANICAL CHARATERISTIC

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

AMBIENT CONDITION

| | |
|-------------------------------|--|
| Shock resistance: | Max. 500 m / s² as per IEC 60068-2-27 |
| Operating temperature: | – 30 °C ... + 70 °C |
| IP front protection: | IP65, IP67 |
| Vibration resistance: | 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6 |
| Storage temperature: | |

– 40 °C ... + 80 °C

Climate resistance:

Damp heat, 21 days according to IEC 60512-11

CERTIFICATE

Approbations:

CB, CCC, C UL, UL

Conformities:

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

OTHER

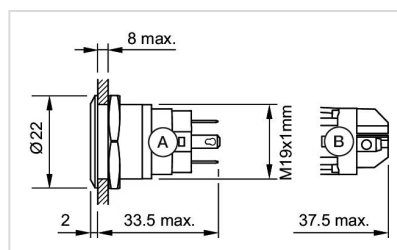
Kind of illumination:

Single-LED

Short Description:

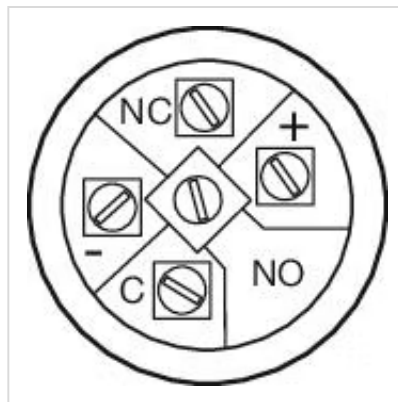
Illuminated pushbutton Ø 19 mm silver contact, Momentary, 24 V DC, 1 C, Screw terminal, Stainless steel, Green, Silver

Dimension drawings:

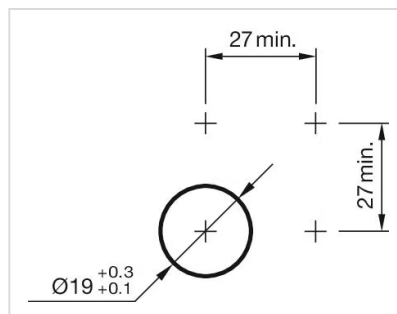


A = Solder terminal
B = Screw terminal

Component layouts:



Mounting cut-outs:



Wiring diagrams:

