

## Illuminated pushbutton Ø 19 mm silver contact

82-5152.1134.B001



<https://eao.com/p/82-5152.1134.B001>

Your product:

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82-5152.1134.B001  
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

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

#### ELECTRICAL CHARACTERISTICS

**Pollution degree:** 2, according to EN IEC 60947-1  
**Rated Operational Voltage Ue:** 250 VAC  
**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

**Thermal current  $I_{th}$ :** 5 A

**Electrical lifetime:** 50 000 cycles of operation

**Operating voltage:** 24 V DC

**Rated insulation voltage  $Ui$ :** 250 V

## MECHANICAL CHARACTERISTIC

**Weight:** 0.018 kg

**Tightening torque:** 0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

**Operating Travel:** ca. 3 mm

**Terminal:** Screw terminal

**Switching system:** Snap-action switching element

**Mechanical lifetime:** 1 Mio. cycles of operation

**Contact material:** Silver

**Switching action:** Momentary

**Operating force:** 4 N ... 7 N

## AMBIENT CONDITION

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

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

**Shock resistance:** Max. 500 m / s<sup>2</sup> as per IEC 60068-2-27

**Climate resistance:**

Damp heat, 21 days according to IEC 60512-11

**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**

**Kind of illumination:**

Single-LED

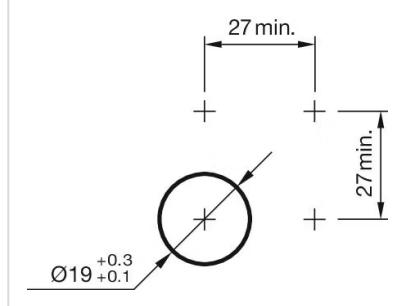
**Symbol:**

ON/OFF

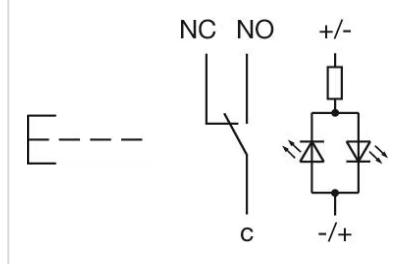
**Short Description:**

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

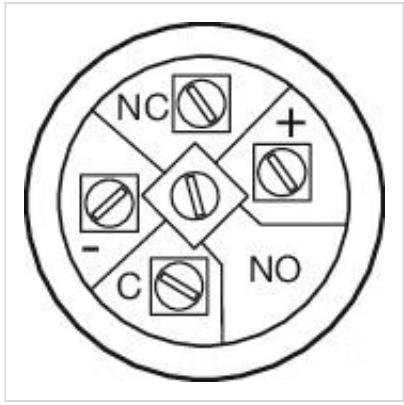
**Mounting cut-outs:**



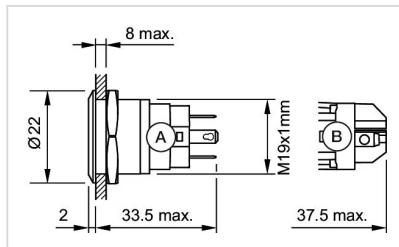
**Wiring diagrams:**



**Component layouts:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal