

## Illuminated pushbutton Ø 19 mm silver contact

82-5152.1114.B001



<https://eao.com/p/82-5152.1114.B001>

Your product:

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82-5152.1114.B001  
Illuminated pushbutton Ø  
19 mm silver contact

#### FRONT

**Front bezel shape:** flush  
**Front bezel material:** Stainless steel

#### MOUNTING

**Mounting cut-out:** Ø 19 mm

#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

**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

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

**Rated insulation voltage Ui:** 250 V

**Operating voltage:** 24 V DC

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

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

**Rated Operational Voltage Ue:** 250 VAC

**Thermal current Ith:** 5 A

## MECHANICAL CHARACTERISTIC

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

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

**Operating Travel:** ca. 3 mm

**Weight:** 0.018 kg

**Terminal:** Screw terminal

**Contact material:** Silver

**Switching action:** Momentary

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

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

## AMBIENT CONDITION

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

**Shock resistance:**

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

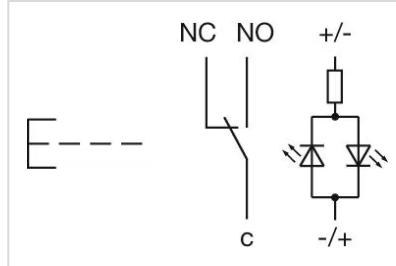
<b>Climate resistance:</b>	Damp heat, 21 days according to IEC 60512-11
<b>Storage temperature:</b>	- 40 °C ... + 80 °C
<b>Operating temperature:</b>	- 30 °C ... + 70 °C

## CERTIFICATE

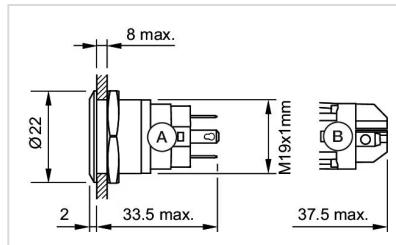
<b>Approbations:</b>	CB, CCC, C UL, UL
<b>Conformities:</b>	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

## OTHER

<b>Kind of illumination:</b>	Single-LED
<b>Short Description:</b>	Illuminated pushbutton Ø 19 mm silver contact, Momentary, 24 V DC, 1 C, Screw terminal, Stainless steel, Red, ON/OFF, Silver
<b>Symbol:</b>	ON/OFF
<b>Wiring diagrams:</b>	

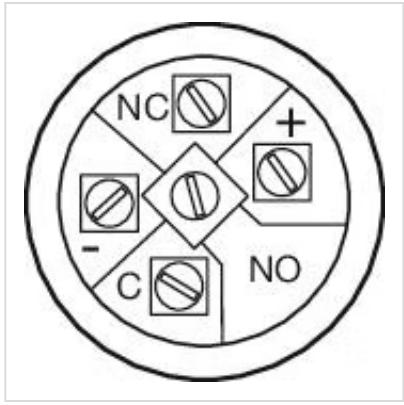


## Dimension drawings:



A = Solder terminal  
B = Screw terminal

## Component layouts:



**Mounting cut-outs:**

