

## Illuminated pushbutton Ø 19 mm silver contact

82-5152.1114



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

Your product:

---



82-5152.1114  
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 colour:** Silver  
**Lens optics:** opaque  
**Lens material:** Stainless steel  
**Lens shape:** flush  
**Shape of illumination:** Ring  
**Lens illumination:** illuminative  
**Illumination colour:** Red

#### ELECTRICAL CHARACTERISTICS

**Electrical lifetime:** 50 000 cycles of operation  
**Rated Operational Voltage Ue:** 250 VAC  
**Contacts:** 1 C  
**Electric strength:** 1500 VAC, 50 Hz 1 minute between live terminals and ground  
**Pollution degree:** 2, according to EN IEC 60947-1  
**Thermal current Ith:** 5 A

<b>Operating voltage:</b>	24 V DC
<b>Rated insulation voltage Ui:</b>	250 V
<b>Switching voltage and switching current:</b>	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

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

## AMBIENT CONDITION

<b>IP front protection:</b>	IP65, IP67
<b>Vibration resistance:</b>	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
<b>Storage temperature:</b>	- 40 °C ... + 80 °C
<b>Shock resistance:</b>	Max. 500 m / s <sup>2</sup> as per IEC 60068-2-27
<b>Operating temperature:</b>	- 30 °C ... + 70 °C
<b>Climate resistance:</b>	Damp heat, 21 days according to IEC 60512-11

## CERTIFICATE

**Approbations:** CB, CCC, C UL, UL

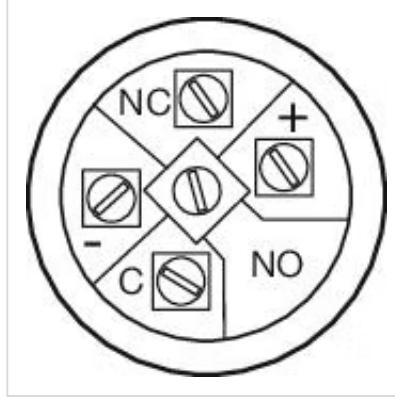
**Conformities:** CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

## OTHER

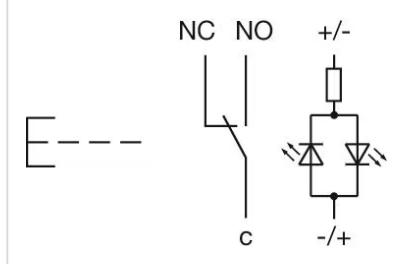
**Kind of illumination:** Single-LED

**Short Description:** Illuminated pushbutton Ø 19 mm silver contact, Momentary, 24 V DC, 1 C, Screw terminal, Stainless steel, Red, Silver

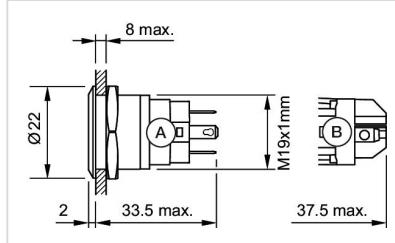
**Component layouts:**



**Wiring diagrams:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal

**Mounting cut-outs:**

