

## Illuminated pushbutton Ø 19 mm silver contact

82-5152.2114



<https://eao.com/p/82-5152.2114>

Your product:

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82-5152.2114

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

**Illumination colour:** Red

**Lens shape:** flush

**Shape of illumination:** Ring

**Lens illumination:** illuminative

**Lens optics:** opaque

**Lens colour:** Silver

**Lens material:** Stainless steel

#### ELECTRICAL CHARACTERISTICS

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

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

**Operating voltage:** 24 V DC

**Rated Operational Voltage  $U_e$ :** 250 VAC

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

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

**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)

cosφ 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

**Contacts:**

1 C

**MECHANICAL CHARACTERISTIC****Operating force:**

4 N ... 7 N

**Switching action:**

Maintained

**Switching system:**

Snap-action switching element

**Operating Travel:**

ca. 3 mm

**Mechanical lifetime:**

500 000 cycles of operation

**Weight:**

0.018 kg

**Contact material:**

Silver

**Tightening torque:**

0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

**Terminal:**

Screw terminal

**AMBIENT CONDITION****Storage temperature:**

– 40 °C ... + 80 °C

**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

**Operating temperature:**

– 30 °C ... + 70 °C

**Shock resistance:**

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

## CERTIFICATE

### Conformities:

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

### Approbations:

CB, CCC, C UL, UL

## OTHER

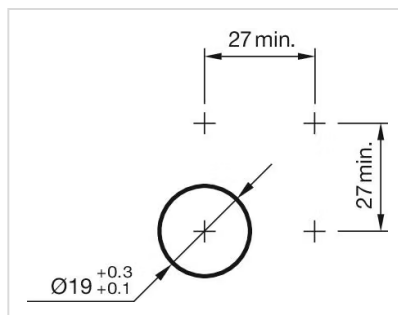
### Short Description:

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

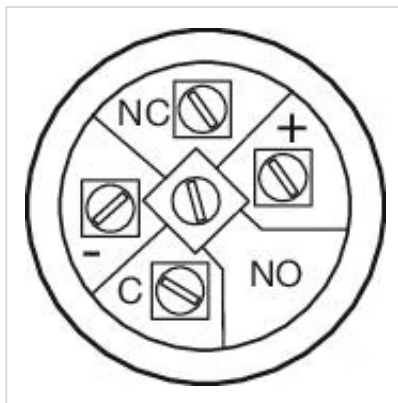
### Kind of illumination:

Single-LED

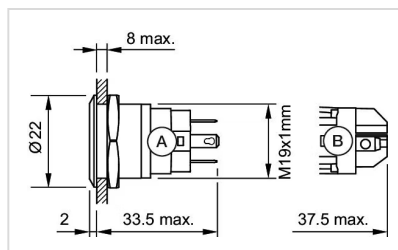
### Mounting cut-outs:



### Component layouts:



### Dimension drawings:



A = Solder terminal  
B = Screw terminal

### Wiring diagrams:

