

## Illuminated pushbutton Ø 19 mm silver contact

82-5151.2113.B002



<https://eao.com/p/82-5151.2113.B002>

Your product:

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82-5151.2113.B002  
Illuminated pushbutton Ø  
19 mm silver contact

#### FRONT

<b>Front bezel shape:</b>	flush
<b>Front bezel material:</b>	Stainless steel

#### MOUNTING

<b>Mounting cut-out:</b>	Ø 19 mm
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#### OPERATING-/INDICATION PART

<b>Lens shape:</b>	flush
<b>Illumination colour:</b>	Red
<b>Lens optics:</b>	opaque
<b>Lens material:</b>	Stainless steel
<b>Lens illumination:</b>	illuminative
<b>Lens colour:</b>	Silver
<b>Shape of illumination:</b>	Ring

#### ELECTRICAL CHARACTERISTICS

<b>Pollution degree:</b>	2, according to EN IEC 60947-1
<b>Thermal current <math>I_{th}</math>:</b>	5 A
<b>Contacts:</b>	1 C
<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 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

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

**Rated insulation voltage Ui:** 250 V

**Rated Operational Voltage Ue:** 250 VAC

**Operating voltage:** 12 V AC/DC

## MECHANICAL CHARACTERISTIC

**Weight:** 0.018 kg

**Switching action:** Maintained

**Mechanical lifetime:** 500 000 cycles of operation

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

**Terminal:** Soldering terminal, 2.8 x 0.5 mm

**Tightening torque:** 0.5 ... 0.6 Nm

**Contact material:** Silver

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

**Operating Travel:** ca. 3 mm

## AMBIENT CONDITION

**Climate resistance:** Damp heat, 21 days according to IEC 60512-11

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

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

**Operating temperature:**

– 30 °C ... + 70 °C

**Shock resistance:**

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

## CERTIFICATE

**Approbations:**

CB, CCC, C UL, UL

**Conformities:**

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

## OTHER

**Short Description:**

Illuminated pushbutton Ø 19 mm silver contact, Maintained, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Red, Standby, Silver

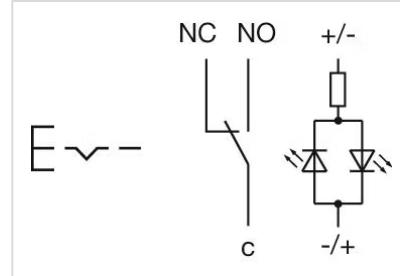
**Symbol:**

Standby

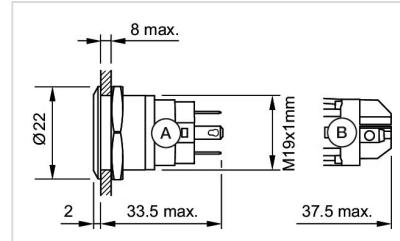
**Kind of illumination:**

Single-LED

**Wiring diagrams:**

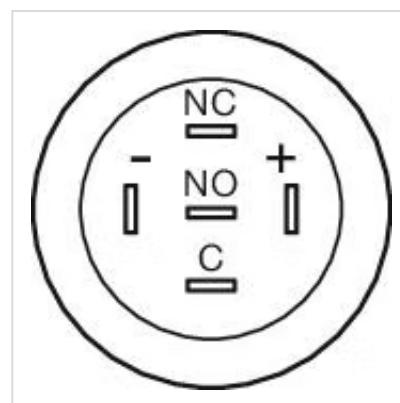


**Dimension drawings:**



A = Solder terminal  
B = Screw terminal

**Component layouts:**



**Mounting cut-outs:**

