

## Illuminated pushbutton Ø 19 mm silver contact

82-5551.1113



<https://eao.com/p/82-5551.1113>

Your product:

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82-5551.1113  
Illuminated pushbutton Ø  
19 mm silver contact

#### FRONT

**Front bezel material:** Aluminium

#### MOUNTING

**Mounting cut-out:** Ø 19 mm

#### OPERATING-/INDICATION PART

**Shape of illumination:** Ring

**Lens colour:** Nature

**Lens illumination:** illuminative

**Illumination colour:** Red

**Lens shape:** flush

**Lens optics:** opaque

**Lens material:** Aluminium

#### ELECTRICAL CHARACTERISTICS

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

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

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

**Thermal current Ith:** 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 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

**Rated insulation voltage Ui:** 250 V

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

**Contacts:** 1 C

**Rated Operational Voltage Ue:** 250 VAC

## MECHANICAL CHARATERISTIC

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

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

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

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

**Operating Travel:** ca. 3 mm

**Contact material:** Silver

**Switching action:** Momentary

**Weight:** 0.018 kg

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

## AMBIENT CONDITION

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

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

**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

## CERTIFICATE

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

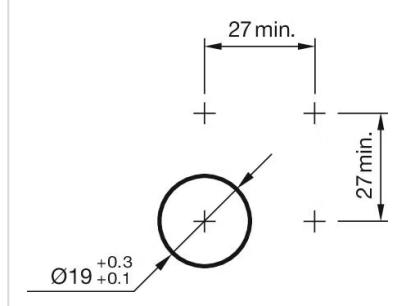
**Conformities:** CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

## OTHER

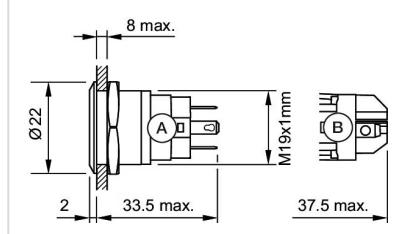
**Kind of illumination:** Single-LED

**Short Description:** Illuminated pushbutton Ø 19 mm silver contact, Momentary, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Aluminium, Red, Nature

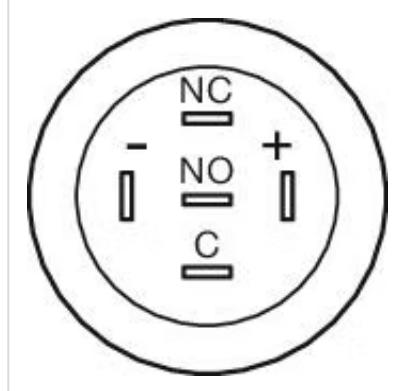
**Mounting cut-outs:**



**Dimension drawings:**



**Component layouts:**



**Wiring diagrams:**

