

## Illuminated pushbutton Ø 22 mm silver contact

82-6151.2113



<https://eao.com/p/82-6151.2113>

Your product:

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82-6151.2113  
Illuminated pushbutton Ø  
22 mm silver contact

#### FRONT

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

#### MOUNTING

**Mounting cut-out:** Ø 22 mm

#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

**Electric strength:** 1500 VAC, 50 Hz 1 minute between life terminals and ground  
**Contacts:** 1 C  
**Operating voltage:** 12 V AC/DC  
**Thermal current Ith:** 5 A  
**Rated insulation voltage Ui:** 250 V  
**Rated Operational Voltage Ue:** 250 VAC

<b>Pollution degree:</b>	2, according to EN IEC 60947-1
<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 CHARACTERISTICS

<b>Mechanical lifetime:</b>	500 000 cycles of operation
<b>Switching action:</b>	Maintained
<b>Terminal:</b>	Soldering terminal, 2.8 x 0.5 mm
<b>Switching system:</b>	Snap-action switching element
<b>Contact material:</b>	Silver
<b>Operating force:</b>	4 N ... 7 N
<b>Weight:</b>	0.018 kg
<b>Operating Travel:</b>	ca. 3 mm
<b>Tightening torque:</b>	0.5 ... 0.6 Nm

## AMBIENT CONDITION

<b>Climate resistance:</b>	Damp heat, 21 days according to IEC 60512-11
<b>Operating temperature:</b>	– 30 °C ... + 70 °C
<b>Shock resistance:</b>	Max. 500 m / s <sup>2</sup> as per IEC 60068-2-27
<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

## CERTIFICATE

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

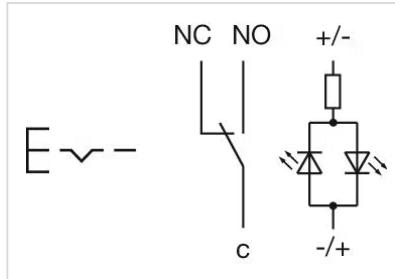
**Conformities:** CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

## OTHER

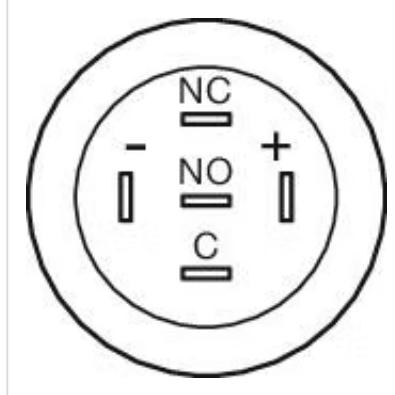
**Kind of illumination:** Single-LED

**Short Description:** Illuminated pushbutton Ø 22 mm silver contact, Maintained, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Red, Silver

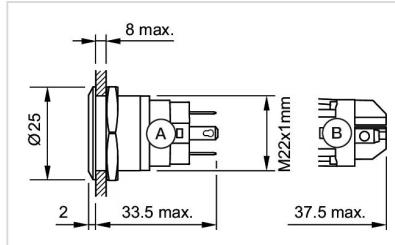
**Wiring diagrams:**



**Component layouts:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal

**Mounting cut-outs:**

