

## Illuminated pushbutton Ø 22 mm silver contact

82-6151.2113.B002



<https://eao.com/p/82-6151.2113.B002>

Your product:

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82-6151.2113.B002

Illuminated pushbutton Ø  
22 mm silver contact

#### FRONT

Front bezel shape:	flush
Front bezel material:	Stainless steel

#### MOUNTING

Mounting cut-out:	Ø 22 mm
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#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

Electrical lifetime:	50 000 cycles of operation
Contacts:	1 C
Switching voltage and switching current:	

according to IEC 60947-5-1 (Silver contacts)

Service categorie AC-15

Voltage

24 VAC

35 VAC

110 VAC

220 VAC

Current

1 A

1 A (M12 version)

1 A

0.5 A

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

0.7 A

0.5 A (M12 version)

0.2 A

0.1 A

according to UL 508 (Silver contacts)

$\cos\phi$  0,75 ... 0,8

Voltage

120 VAC

240 VAC

24 VAC

Current

5 A

3 A

1 A

<b>Electric strength:</b>	1500 VAC, 50 Hz 1 minute between life terminals and ground
<b>Rated insulation voltage <math>U_i</math>:</b>	250 V
<b>Thermal current <math>I_{th}</math>:</b>	5 A
<b>Pollution degree:</b>	2, according to EN IEC 60947-1
<b>Operating voltage:</b>	12 V AC/DC
<b>Rated Operational Voltage <math>U_e</math>:</b>	250 VAC

## MECHANICAL CHARACTERISTIC

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

## AMBIENT CONDITION

<b>Climate resistance:</b>	Damp heat, 21 days according to IEC 60512-11
<b>Storage temperature:</b>	- 40 °C ... + 80 °C
<b>Operating temperature:</b>	

– 30 °C ... + 70 °C

**Vibration resistance:**

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

**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**

**Kind of illumination:**

Single-LED

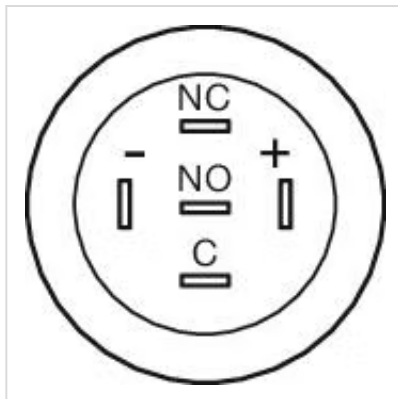
**Symbol:**

Standby

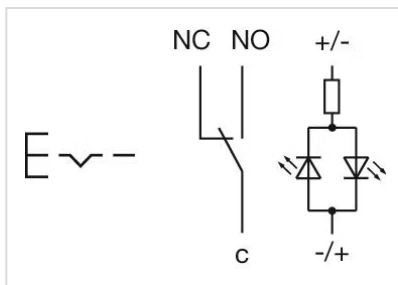
**Short Description:**

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, Standby, Silver

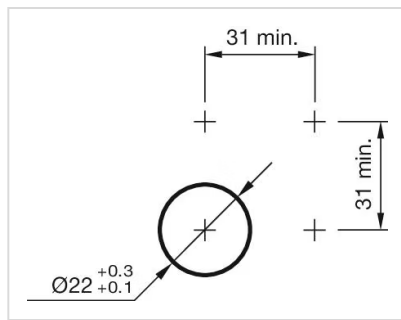
**Component layouts:**



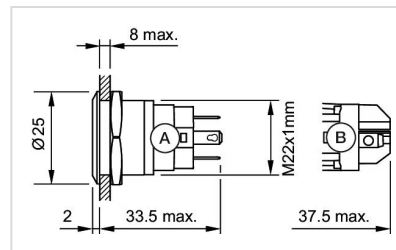
**Wiring diagrams:**



**Mounting cut-outs:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal