

## Illuminated pushbutton Ø 22 mm silver contact

82-6152.2113.B002



<https://eao.com/p/82-6152.2113.B002>

Your product:

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Illuminated pushbutton Ø  
22 mm silver contact

#### FRONT

Front bezel shape:	flush
Front bezel material:	Stainless steel
Front dimension:	Ø 25 mm
Front form:	round

#### MOUNTING

Mounting cut-out:	Ø 22 mm
Mounting type:	Panel mounting

#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

Rated insulation voltage $U_i$ :	250 V
Electrical lifetime:	50 000 cycles of operation

**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)	
$\cos\phi$ 0,75 ... 0,8	
Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

<b>Operation current:</b>	7 mA
<b>Electric strength:</b>	1500 VAC, 50 Hz 1 minute between life terminals and ground
<b>Pollution degree:</b>	2, according to EN IEC 60947-1
<b>Rated Operational Voltage Ue:</b>	250 VAC
<b>Operating voltage:</b>	12 V AC/DC
<b>Thermal current Ith:</b>	5 A
<b>Contacts:</b>	1 C

**MECHANICAL CHARACTERISTIC**

<b>Weight:</b>	0.018 kg
<b>Switching action:</b>	Maintained
<b>Terminal:</b>	Screw terminal
<b>Switching system:</b>	Snap-action switching element
<b>Operating force:</b>	4 N ... 7 N
<b>Operating Travel:</b>	ca. 3 mm
<b>Contact material:</b>	Silver
<b>Tightening torque:</b>	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
<b>Mechanical lifetime:</b>	500 000 cycles of operation

**AMBIENT CONDITION**

<b>Operating temperature:</b>	- 30 °C ... + 70 °C
<b>Vibration resistance:</b>	

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

**IP front protection:** IP65, IP67

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

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

## CERTIFICATE

**RoHS:** RoHS compliant

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

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

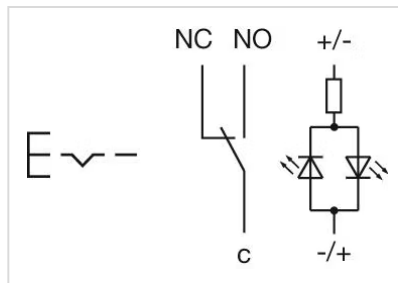
**REACH:** REACH compliant

## OTHER

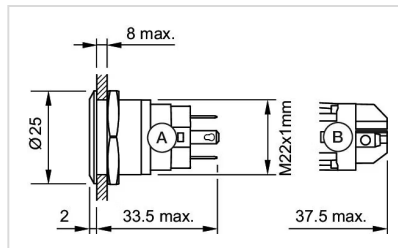
**Kind of illumination:** Single-LED

**Short Description:** Illuminated pushbutton Ø 22 mm silver contact, Maintained, 12 V AC/DC, 1 C, Screw terminal, round, Stainless steel, Red, Standby, Silver

**Wiring diagrams:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal

**Component layouts:**



**Mounting cut-outs:**

