

## Illuminated pushbutton Ø 22 mm silver contact

82-6152.2123.B001



<https://eao.com/p/82-6152.2123.B001>

Your product:

---



82-6152.2123.B001  
Illuminated pushbutton Ø  
22 mm silver contact

#### FRONT

Front bezel shape:	flush
Front bezel material:	Stainless steel

#### MOUNTING

Mounting cut-out:	Ø 22 mm
-------------------	---------

#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

Rated Operational Voltage U <sub>e</sub> :	250 VAC
Rated insulation voltage U <sub>i</sub> :	250 V
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)	
cosφ 0,75 ... 0,8	
Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

<b>Operating voltage:</b>	12 V AC/DC
<b>Pollution degree:</b>	2, according to EN IEC 60947-1
<b>Contacts:</b>	1 C
<b>Electrical lifetime:</b>	50 000 cycles of operation
<b>Thermal current Ith:</b>	5 A
<b>Electric strength:</b>	1500 VAC, 50 Hz 1 minute between life terminals and ground

## MECHANICAL CHARACTERISTIC

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

## AMBIENT CONDITION

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

– 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

## CERTIFICATE

**Conformities:**

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

**Approbations:**

CB, CCC, C UL, UL

## OTHER

**Kind of illumination:**

Single-LED

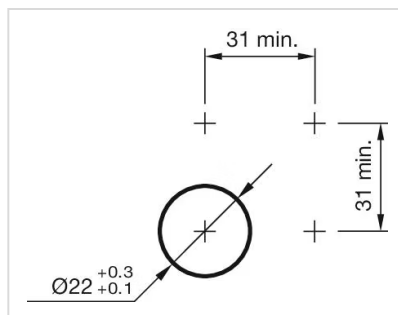
**Short Description:**

Illuminated pushbutton Ø 22 mm silver contact, Maintained, 12 V AC/DC, 1 C, Screw terminal, Stainless steel, Blue, ON/OFF, Silver

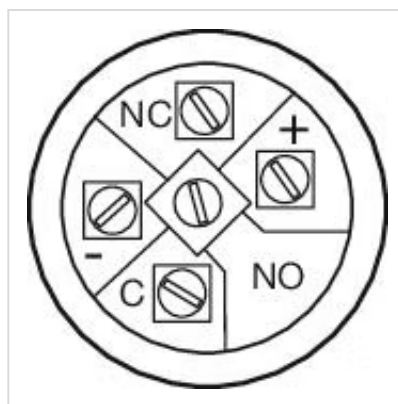
**Symbol:**

ON/OFF

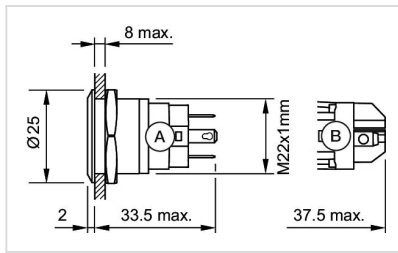
**Mounting cut-outs:**



**Component layouts:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal

### Wiring diagrams:

