

# Illuminated pushbutton Ø 19 mm silver contact

82-5151.2123.B002



<https://eao.com/p/82-5151.2123.B002>

Your product:

---



## 82-5151.2123.B002

### Illuminated pushbutton Ø 19 mm silver contact

#### FRONT

<b>Front bezel material:</b>	Stainless steel
<b>Front form:</b>	round
<b>Front dimension:</b>	Ø 22 mm
<b>Front bezel shape:</b>	flush

#### MOUNTING

<b>Mounting cut-out:</b>	Ø 19 mm
<b>Mounting type:</b>	Panel mounting

#### OPERATING-/INDICATION PART

<b>Lens shape:</b>	flush
<b>Lens material:</b>	Stainless steel
<b>Symbol:</b>	Standby
<b>Lens optics:</b>	opaque
<b>Lens illumination:</b>	illuminative
<b>Illumination colour:</b>	Blue
<b>Lens colour:</b>	Silver
<b>Shape of illumination:</b>	Ring

#### ELECTRICAL CHARACTERISTICS

<b>Operating voltage:</b>	12 V AC/DC
<b>Contacts:</b>	1 C

<b>Rated Operational Voltage U<sub>e</sub>:</b>	250 VAC	
<b>Operation current:</b>	7 mA	
<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)	
	cosφ 0,75 ... 0,8	
	Voltage	Current
	120 VAC	5 A
	240 VAC	3 A
	24 VAC	1 A

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

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

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

**Rated insulation voltage U<sub>i</sub>:** 250 V

**Thermal current I<sub>th</sub>:** 5 A

### MECHANICAL CHARACTERISTIC

**Contact material:** Silver

**Weight:** 0.018 kg

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

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

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

**Operating Travel:** ca. 3 mm

**Switching action:** Maintained

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

**Mechanical lifetime:** 500 000 cycles of operation

### AMBIENT CONDITION

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

**Shock resistance:**

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

**IP front protection:** IP65, IP67

**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

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

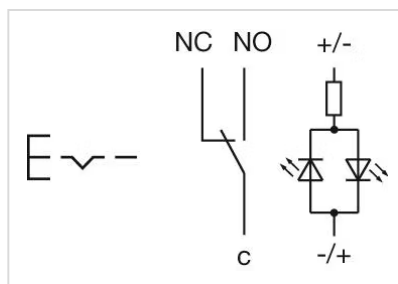
**Approbations:** CB, CCC, C UL, UL

### OTHER

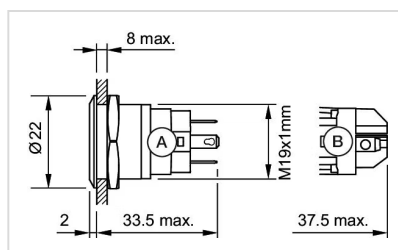
**Short Description:** Illuminated pushbutton Ø 19 mm silver contact, Maintained, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Blue, Standby, Silver

**Kind of illumination:** Single-LED

**Wiring diagrams:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal

**Component layouts:**



**Mounting cut-outs:**

