

## Illuminated pushbutton Ø 19 mm silver contact

82-5152.2124.B001



<https://eao.com/p/82-5152.2124.B001>

Your product:

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82-5152.2124.B001  
Illuminated pushbutton Ø  
19 mm silver contact

#### FRONT

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

#### MOUNTING

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

#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

<b>Operating voltage:</b>	24 V DC
<b>Operation current:</b>	7 mA

<b>Pollution degree:</b>	2, according to EN IEC 60947-1																				
<b>Contacts:</b>	1 C																				
<b>Rated Operational Voltage Ue:</b>	250 VAC																				
<b>Electric strength:</b>	1500 VAC, 50 Hz 1 minute between life terminals and ground																				
<b>Electrical lifetime:</b>	50 000 cycles of operation																				
<b>Rated insulation voltage Ui:</b>	250 V																				
<b>Switching voltage and switching current:</b>	<p>according to IEC 60947-5-1 (Silver contacts)  Service categorie AC-15</p> <table> <tr> <td>Voltage</td> <td>Current</td> </tr> <tr> <td>24 VAC</td> <td>1 A</td> </tr> <tr> <td>35 VAC</td> <td>1 A (M12 versio</td> </tr> <tr> <td>110 VAC</td> <td>1 A</td> </tr> <tr> <td>220 VAC</td> <td>0.5 A</td> </tr> </table> <p>Switch rating DC service categorie DC-13 (Silver contacts)</p> <table> <tr> <td>Voltage</td> <td>Current</td> </tr> <tr> <td>24 VDC</td> <td>0.7 A</td> </tr> <tr> <td>35 VDC</td> <td>0.5 A (M12 vers</td> </tr> <tr> <td>110 VDC</td> <td>0.2 A</td> </tr> <tr> <td>220 VDC</td> <td>0.1 A</td> </tr> </table>	Voltage	Current	24 VAC	1 A	35 VAC	1 A (M12 versio	110 VAC	1 A	220 VAC	0.5 A	Voltage	Current	24 VDC	0.7 A	35 VDC	0.5 A (M12 vers	110 VDC	0.2 A	220 VDC	0.1 A
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	according to UL 508 (Silver contacts) $\cos\phi$ 0,75 ... 0,8																				
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<b>Thermal current Ith:</b>	5 A																				

### MECHANICAL CHARACTERISTIC

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

### AMBIENT CONDITION

<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>Storage temperature:</b>	- 40 °C ... + 80 °C
<b>Vibration resistance:</b>	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
<b>Climate resistance:</b>	Damp heat, 21 days according to IEC 60512-11
<b>IP front protection:</b>	IP65, IP67

## CERTIFICATE

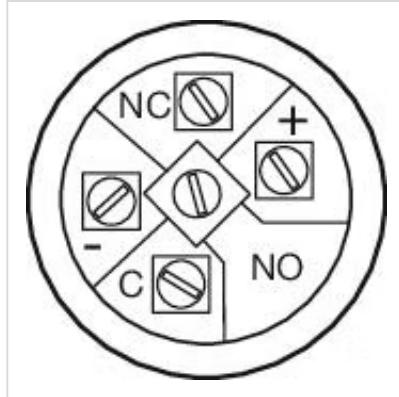
<b>REACH:</b>	REACH compliant
<b>RoHS:</b>	RoHS compliant
<b>Conformities:</b>	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
<b>Approbations:</b>	CB, CCC, C UL, UL

## OTHER

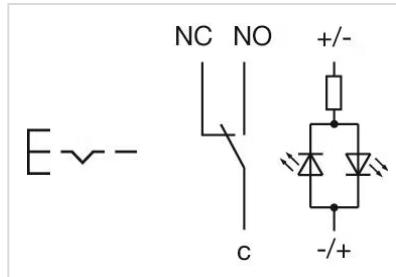
**Short Description:** Illuminated pushbutton Ø 19 mm silver contact, Maintained, 24 V DC, 1 C, Screw terminal, round, Stainless steel, Blue, ON/OFF, Silver

**Kind of illumination:** Single-LED

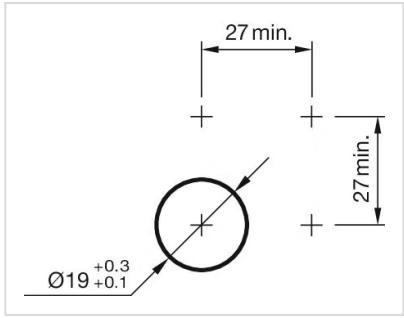
**Component layouts:**



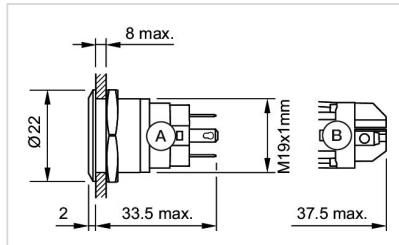
**Wiring diagrams:**



**Mounting cut-outs:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal