

## Illuminated pushbutton Ø 16 mm silver contact

82-4152.1133



<https://eao.com/p/82-4152.1133>

Your product:

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82-4152.1133  
Illuminated pushbutton Ø  
16 mm silver contact

#### FRONT

**Front bezel material:** Stainless steel  
**Front bezel shape:** flush

#### MOUNTING

**Mounting cut-out:** Ø 16 mm

#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

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

<b>Electrical lifetime:</b>	50 000 cycles of operation																				
<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>Rated insulation voltage Ui:</b>	250 V																				

## MECHANICAL CHARACTERISTIC

<b>Contact material:</b>	Silver
<b>Switching action:</b>	Momentary
<b>Switching system:</b>	Snap-action switching element
<b>Tightening torque:</b>	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
<b>Operating Travel:</b>	ca. 3 mm
<b>Mechanical lifetime:</b>	1 Mio. cycles of operation
<b>Terminal:</b>	Screw terminal
<b>Operating force:</b>	4 N ... 7 N
<b>Weight:</b>	0.018 kg

## AMBIENT CONDITION

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

## CERTIFICATE

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

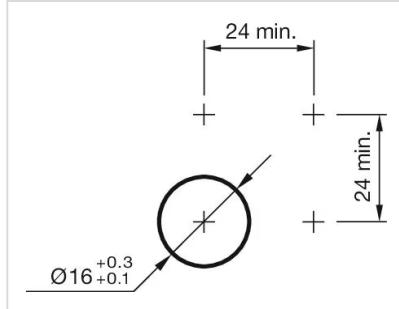
**Conformities:** CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

## OTHER

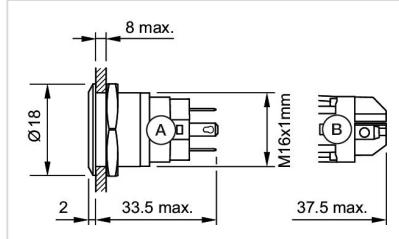
**Kind of illumination:** Single-LED

**Short Description:** Illuminated pushbutton Ø 16 mm silver contact, Momentary, 12 V AC/DC, 1 C, Screw terminal, Stainless steel, Green, Silver

**Mounting cut-outs:**

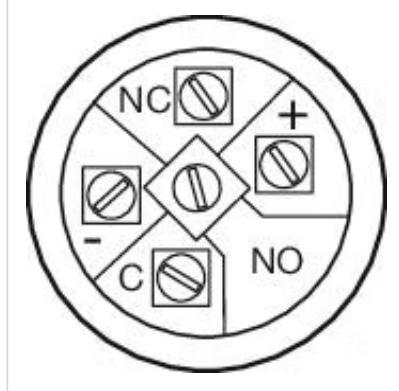


**Dimension drawings:**



A = Solder terminal  
B = Screw terminal

**Component layouts:**



**Wiring diagrams:**

