

## Illuminated pushbutton Ø 16 mm silver contact

82-4152.2134



<https://eao.com/p/82-4152.2134>

Your product:

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82-4152.2134  
Illuminated pushbutton Ø  
16 mm silver contact

#### FRONT

<b>Front form:</b>	round
<b>Front dimension:</b>	Ø 18 mm
<b>Front bezel material:</b>	Stainless steel
<b>Front bezel shape:</b>	flush

#### MOUNTING

<b>Mounting cut-out:</b>	Ø 16 mm
<b>Mounting type:</b>	Panel mounting

#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

<b>Rated Operational Voltage Ue:</b>	250 VAC
<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 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)  
 $\cos\phi$  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

**Operation current:** 7 mA

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

**Thermal current  $I_{th}$ :** 5 A

**Operating voltage:** 24 V AC/DC

**Contacts:** 1 C

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

**Rated insulation voltage  $Ui$ :** 250 V

## MECHANICAL CHARACTERISTIC

**Operating Travel:** ca. 3 mm

**Terminal:** Screw terminal

**Switching action:** Maintained

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

**Contact material:** Silver

**Tightening torque:** 0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

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

**Weight:** 0.018 kg

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

## AMBIENT CONDITION

**Operating temperature:**

– 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

**Climate resistance:**

Damp heat, 21 days according to IEC 60512-11

**IP front protection:**

IP65, IP67

**Shock resistance:**

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

## CERTIFICATE

**RoHS:**

RoHS compliant

**REACH:**

REACH compliant

**Approbations:**

CB, CCC, C UL, UL

**Conformities:**

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

## OTHER

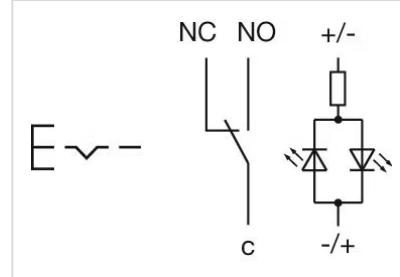
**Kind of illumination:**

Single-LED

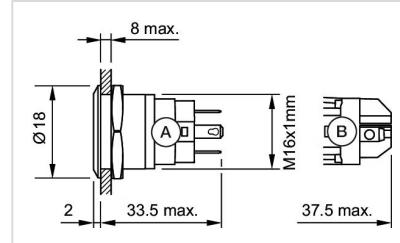
**Short Description:**

Illuminated pushbutton Ø 16 mm silver contact, Maintained, 24 V AC/DC, 1 C, Screw terminal, round, Stainless steel, Green, Silver

**Wiring diagrams:**

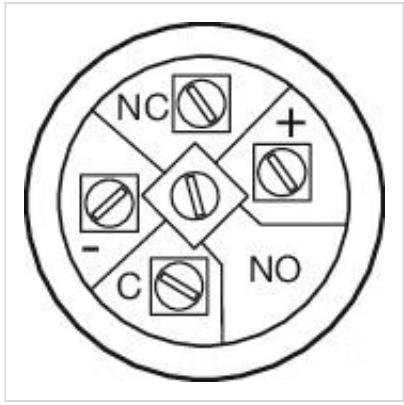


**Dimension drawings:**



A = Solder terminal  
B = Screw terminal

**Component layouts:**



**Mounting cut-outs:**

