

## 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>	according to IEC 60947-5-1 (Silver contacts) Service categorie AC-15 Voltage 24 VAC 35 VAC 110 VAC 220 VAC Switch rating DC service categorie DC-13 (Silver contacts) Voltage 24 VDC 35 VDC 110 VDC 220 VDC		
		Current	1 A
			1 A (M12 versio
			1 A
			0.5 A
		Current	0.7 A
			0.5 A (M12 vers
			0.2 A
			0.1 A
	according to UL 508 (Silver contacts) cosφ 0,75 ... 0,8 Voltage 120 VAC 240 VAC 24 VAC		
		Current	5 A
			3 A
			1 A

**Rated insulation voltage Ui:** 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>IP front protection:</b>	IP65, IP67
<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

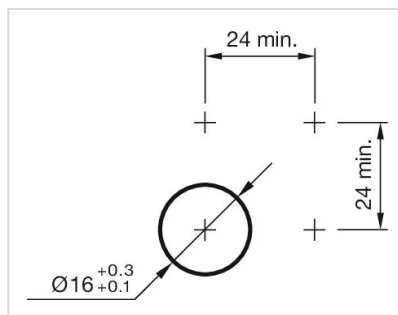
### Kind of illumination:

Single-LED

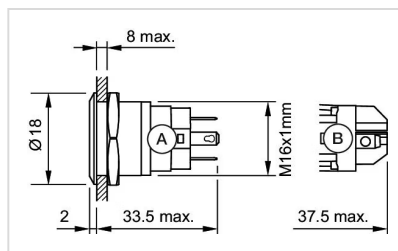
### Short Description:

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

### Mounting cut-outs:



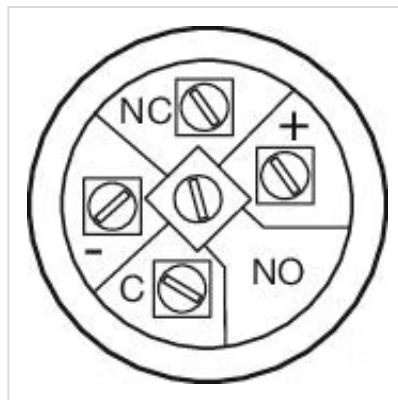
### Dimension drawings:



A = Solder terminal

B = Screw terminal

### Component layouts:



### Wiring diagrams:

