

Illuminated pushbutton Ø 16 mm silver contact

82-4152.1113



<https://eao.com/p/82-4152.1113>

Your product:



82-4152.1113

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

Lens material: Stainless steel

Lens shape: flush

Lens optics: opaque

Lens illumination: illuminative

Lens colour: Silver

Illumination colour: Red

Shape of illumination: Ring

ELECTRICAL CHARACTERISTICS

Operating voltage: 12 V AC/DC

Thermal current I_{th}: 5 A

**Switching voltage and switching
current:**

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)	
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
Contacts:	1 C
Rated Operational Voltage Ue:	250 VAC
Electrical lifetime:	50 000 cycles of operation
Rated insulation voltage Ui:	250 V
Pollution degree:	2, according to EN IEC 60947-1

MECHANICAL CHARATERISTIC

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

AMBIENT CONDITION

Storage temperature:	– 40 °C ... + 80 °C
Operating temperature:	– 30 °C ... + 70 °C
Climate resistance:	

Damp heat, 21 days according to IEC 60512-11

Vibration resistance: 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

Shock resistance: Max. 500 m / s² as per IEC 60068-2-27

CERTIFICATE

Approbations: CB, CCC, C UL, UL

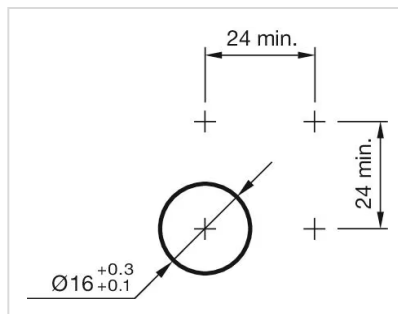
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

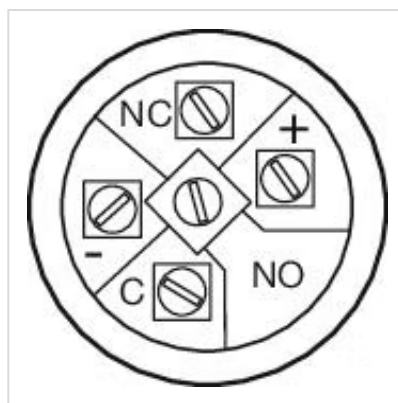
Kind of illumination: Single-LED

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

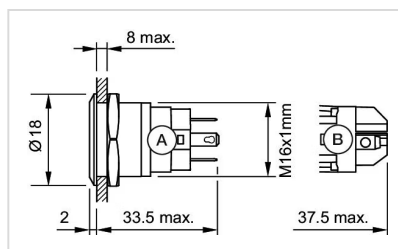
Mounting cut-outs:



Component layouts:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Wiring diagrams:

