

Illuminated pushbutton Ø 16 mm silver contact

82-4152.2124



<https://eao.com/p/82-4152.2124>

Your product:



82-4152.2124

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 illumination: illuminative

Shape of illumination: Ring

Lens colour: Silver

Illumination colour: Blue

Lens shape: flush

Lens material: Stainless steel

Lens optics: opaque

ELECTRICAL CHARACTERISTICS

Electrical lifetime: 50 000 cycles of operation

Contacts: 1 C

**Switching voltage and switching
current:**

according to IEC 60947-5-1 (Silver contacts)

Service categorie AC-15

Voltage

24 VAC

35 VAC

110 VAC

220 VAC

Current

1 A

1 A (M12 version)

1 A

0.5 A

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

0.7 A

0.5 A (M12 version)

0.2 A

0.1 A

according to UL 508 (Silver contacts)

$\cos\phi$ 0,75 ... 0,8

Voltage

120 VAC

240 VAC

24 VAC

Current

5 A

3 A

1 A

Rated insulation voltage U_i:	250 V
Operating voltage:	24 V AC/DC
Thermal current I_{th}:	5 A
Pollution degree:	2, according to EN IEC 60947-1
Rated Operational Voltage U_e:	250 VAC
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground

MECHANICAL CHARACTERISTIC

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

AMBIENT CONDITION

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

Storage temperature: – 40 °C ... + 80 °C

CERTIFICATE

Approbations: CB, CCC, C UL, UL

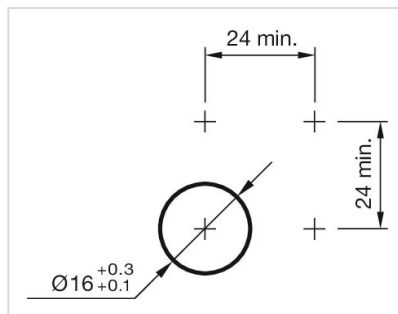
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

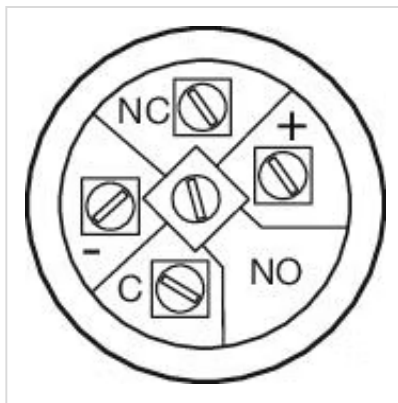
Short Description: Illuminated pushbutton Ø 16 mm silver contact, Maintained, 24 V AC/DC, 1 C, Screw terminal, Stainless steel, Blue, Silver

Kind of illumination: Single-LED

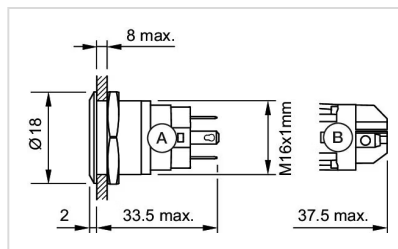
Mounting cut-outs:



Component layouts:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Wiring diagrams:

