

Illuminated pushbutton Ø 16 mm silver contact

82-4151.1114



<https://eao.com/p/82-4151.1114>

Your product:



82-4151.1114

Illuminated pushbutton Ø 16 mm silver contact

FRONT

Front bezel material: Stainless steel

MOUNTING

Mounting cut-out: Ø 16 mm

OPERATING-/INDICATION PART

Lens colour: Silver

Lens optics: opaque

Shape of illumination: Ring

Illumination colour: Red

Lens material: Stainless steel

Lens shape: flush

Lens illumination: illuminative

ELECTRICAL CHARACTERISTICS

Operating voltage: 24 V AC/DC

Thermal current I_{th}: 5 A

Electric strength: 1500 VAC, 50 Hz 1 minute between life terminals and ground

Rated insulation voltage U_i: 250 V

Electrical lifetime: 50 000 cycles of operation

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

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 Operational Voltage Ue: 250 VAC

Contacts: 1 C

MECHANICAL CHARACTERISTIC

Operating force: 4 N ... 7 N

Operating Travel: ca. 3 mm

Mechanical lifetime: 1 Mio. cycles of operation

Weight: 0.018 kg

Terminal: Soldering terminal, 2.8 x 0.5 mm

Tightening torque: 0.5 ... 0.6 Nm

Contact material: Silver

Switching system: Snap-action switching element

Switching action: Momentary

AMBIENT CONDITION

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

Operating temperature: - 30 °C ... + 70 °C

Climate resistance: Damp heat, 21 days according to IEC 60512-11

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

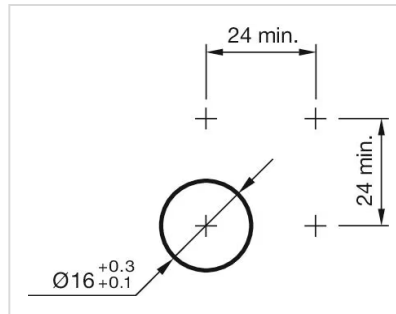
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

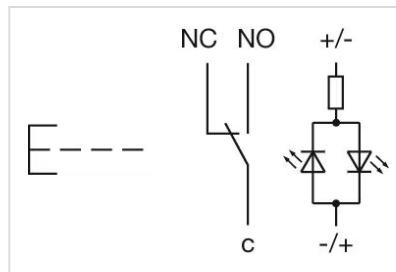
Short Description: Illuminated pushbutton \varnothing 16 mm silver contact, Momentary, 24 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Red, Silver

Kind of illumination: Single-LED

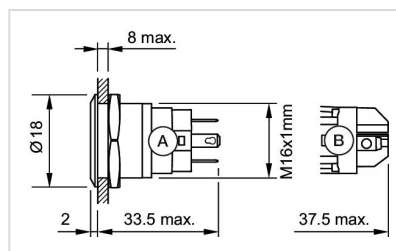
Mounting cut-outs:



Wiring diagrams:



Dimension drawings:



Component layouts:

