

Illuminated pushbutton Ø 16 mm silver contact

82-4551.2124



<https://eao.com/p/82-4551.2124>

Your product:



82-4551.2124
Illuminated pushbutton Ø
16 mm silver contact

FRONT

Front bezel material: Aluminium
Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 16 mm

OPERATING-/INDICATION PART

Lens colour: Nature
Lens material: Aluminium
Shape of illumination: Ring
Lens shape: flush
Lens illumination: illuminative
Lens optics: opaque
Illumination colour: Blue

ELECTRICAL CHARACTERISTICS

Pollution degree: 2, according to EN IEC 60947-1
Contacts: 1 C
Rated insulation voltage Ui: 250 V
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)

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

Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

Electrical lifetime: 50 000 cycles of operation

Thermal current I_{th} : 5 A

Rated Operational Voltage U_e : 250 VAC

Operating voltage: 24 V AC/DC

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

MECHANICAL CHARACTERISTIC

Operating force: 4 N ... 7 N

Operating Travel: ca. 3 mm

Switching action: Maintained

Tightening torque: 0.5 ... 0.6 Nm

Terminal: Soldering terminal, 2.8 x 0.5 mm

Weight: 0.018 kg

Switching system: Snap-action switching element

Mechanical lifetime: 500 000 cycles of operation

Contact material: Silver

AMBIENT CONDITION

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

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

Storage temperature:

– 40 °C ... + 80 °C

Operating temperature:

– 30 °C ... + 70 °C

CERTIFICATE

Conformities:

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

Approbations:

CB, CCC, C UL, UL

OTHER

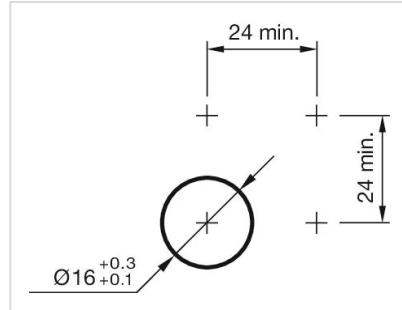
Kind of illumination:

Single-LED

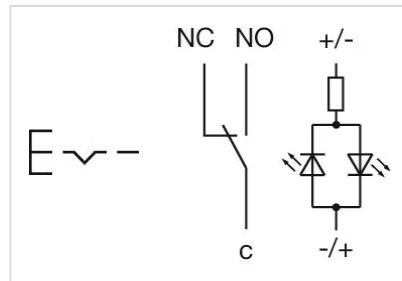
Short Description:

Illuminated pushbutton Ø 16 mm silver contact, Maintained, 24 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Aluminium, Blue, Nature

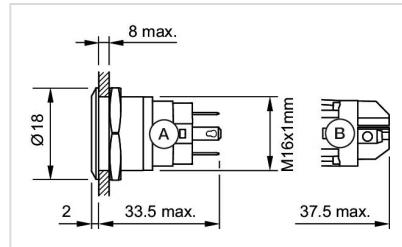
Mounting cut-outs:



Wiring diagrams:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Component layouts:

