

Illuminated pushbutton Ø 16 mm silver contact

82-4551.2123



<https://eao.com/p/82-4551.2123>

Your product:



82-4551.2123

Illuminated pushbutton Ø
16 mm silver contact

FRONT

Front bezel material: Aluminium

MOUNTING

Mounting cut-out: Ø 16 mm

OPERATING-/INDICATION PART

Lens material: Aluminium

Lens optics: opaque

Lens shape: flush

Shape of illumination: Ring

Lens colour: Nature

Illumination colour: Blue

Lens illumination: illuminative

ELECTRICAL CHARACTERISTICS

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

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)

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

Voltage

120 VAC

240 VAC

24 VAC

Current

5 A

3 A

1 A

Rated Operational Voltage U_e:	250 VAC
Thermal current I_{th}:	5 A
Contacts:	1 C
Operating voltage:	12 V AC/DC
Pollution degree:	2, according to EN IEC 60947-1
Rated insulation voltage U_i:	250 V
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Electrical lifetime:	50 000 cycles of operation

MECHANICAL CHARACTERISTIC

Mechanical lifetime:	500 000 cycles of operation
Operating Travel:	ca. 3 mm
Switching action:	Maintained
Contact material:	Silver
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Tightening torque:	0.5 ... 0.6 Nm
Weight:	0.018 kg
Switching system:	Snap-action switching element
Operating force:	4 N ... 7 N

AMBIENT CONDITION

Storage temperature:	- 40 °C ... + 80 °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 / s ² as per IEC 60068-2-27
Operating temperature:	- 30 °C ... + 70 °C

CERTIFICATE

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

CB, CCC, C UL, UL

OTHER

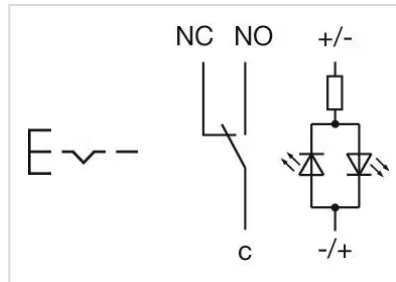
Short Description:

Illuminated pushbutton Ø 16 mm silver contact, Maintained, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Aluminium, Blue, Nature

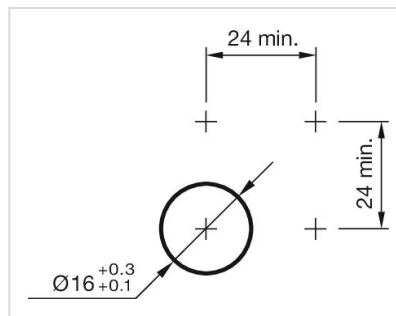
Kind of illumination:

Single-LED

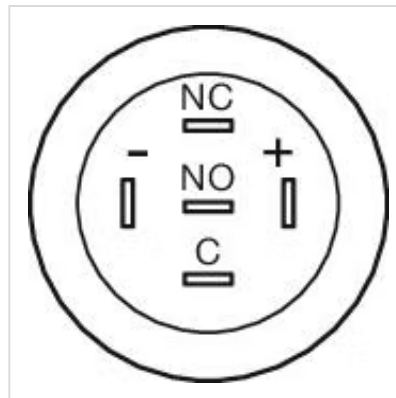
Wiring diagrams:



Mounting cut-outs:



Component layouts:



Dimension drawings:

