

Illuminated pushbutton Ø 16 mm silver contact

82-4151.2134



<https://eao.com/p/82-4151.2134>

Your product:



82-4151.2134

Illuminated pushbutton Ø
16 mm silver contact

FRONT

Front bezel material: Stainless steel

MOUNTING

Mounting cut-out: Ø 16 mm

OPERATING-/INDICATION PART

Illumination colour: Green

Lens shape: flush

Lens optics: opaque

Lens material: Stainless steel

Lens illumination: illuminative

Shape of illumination: Ring

Lens colour: Silver

ELECTRICAL CHARACTERISTICS

Rated insulation voltage U_i : 250 V

Contacts: 1 C

Electrical lifetime: 50 000 cycles of operation

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

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

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
Weight:	0.018 kg
Tightening torque:	0.5 ... 0.6 Nm
Operating force:	4 N ... 7 N
Terminal:	Soldering terminal, 2.8 x 0.5 mm

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
Storage temperature:	

- 40 °C ... + 80 °C

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

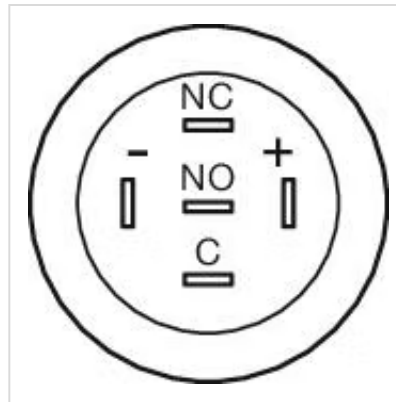
Short Description:

Illuminated pushbutton Ø 16 mm silver contact, Maintained, 24 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Green, Silver

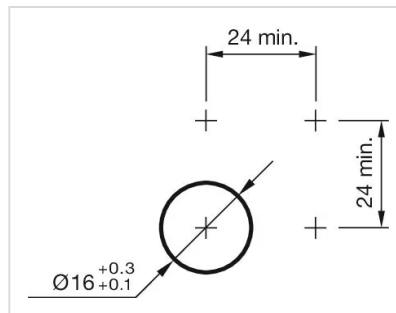
Kind of illumination:

Single-LED

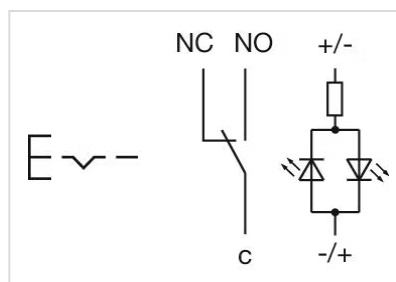
Component layouts:



Mounting cut-outs:



Wiring diagrams:



Dimension drawings:

