

Illuminated pushbutton Ø 16 mm silver contact

82-4151.2133



<https://eao.com/p/82-4151.2133>

Your product:



82-4151.2133

Illuminated pushbutton Ø 16 mm silver contact

FRONT

Front bezel material: Stainless steel

MOUNTING

Mounting cut-out: Ø 16 mm

OPERATING-/INDICATION PART

Lens material: Stainless steel

Lens illumination: illuminative

Lens colour: Silver

Lens optics: opaque

Lens shape: flush

Illumination colour: Green

Shape of illumination: Ring

ELECTRICAL CHARACTERISTICS

Thermal current I_{th}: 5 A

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

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

Rated Operational Voltage U_e: 250 VAC

Contacts: 1 C

Electrical lifetime: 50 000 cycles of operation

Rated insulation voltage U_i: 250 V

Operating voltage:	12 V AC/DC	
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 versio
	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 vers
	110 VDC	0.2 A
	220 VDC	0.1 A
	according to UL 508 (Silver contacts)	
	cosφ 0,75 ... 0,8	
	Voltage	Current
	120 VAC	5 A
	240 VAC	3 A
	24 VAC	1 A

MECHANICAL CHARACTERISTIC

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

AMBIENT CONDITION

Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Storage temperature:	- 40 °C ... + 80 °C
Operating temperature:	- 30 °C ... + 70 °C

CERTIFICATE

Approbations: CB, CCC, C UL, UL

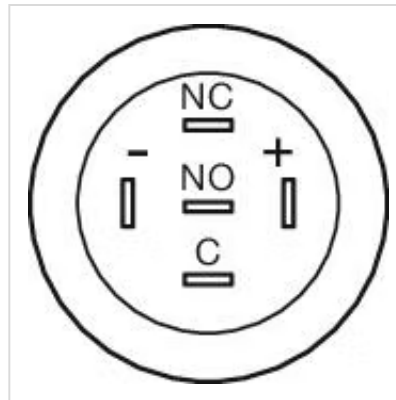
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

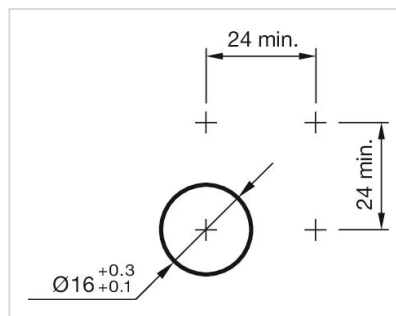
Kind of illumination: Single-LED

Short Description: Illuminated pushbutton Ø 16 mm silver contact, Maintained, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Green, Silver

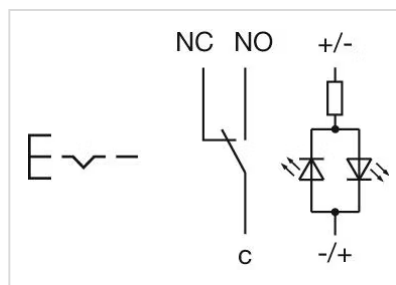
Component layouts:



Mounting cut-outs:



Wiring diagrams:



Dimension drawings:

