

Illuminated pushbutton Ø 16 mm silver contact

82-4551.1133



<https://eao.com/p/82-4551.1133>

Your product:



82-4551.1133

Illuminated pushbutton Ø
16 mm silver contact

FRONT

Front dimension: Ø 18 mm

Front bezel material: Aluminium

Front bezel shape: flush

Front form: round

MOUNTING

Mounting cut-out: Ø 16 mm

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens illumination: illuminative

Lens shape: flush

Illumination colour: Green

Shape of illumination: Ring

Lens material: Aluminium

Lens colour: Nature

Lens optics: opaque

ELECTRICAL CHARACTERISTICS

Thermal current I_{th}: 5 A

Contacts: 1 C

Rated insulation voltage U_i: 250 V

Operating voltage:	12 V AC/DC	
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground	
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
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Operation current:	7 mA
Pollution degree:	2, according to EN IEC 60947-1
Rated Operational Voltage Ue:	250 VAC
Electrical lifetime:	50 000 cycles of operation

MECHANICAL CHARATERISTIC

Switching action:	Momentary
Switching system:	Snap-action switching element
Weight:	0.018 kg
Operating force:	4 N ... 7 N
Operating Travel:	ca. 3 mm
Tightening torque:	0.5 ... 0.6 Nm
Mechanical lifetime:	1 Mio. cycles of operation
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Contact material:	Silver

AMBIENT CONDITION

IP front protection:	IP65, IP67
Operating temperature:	– 30 °C ... + 70 °C
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

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

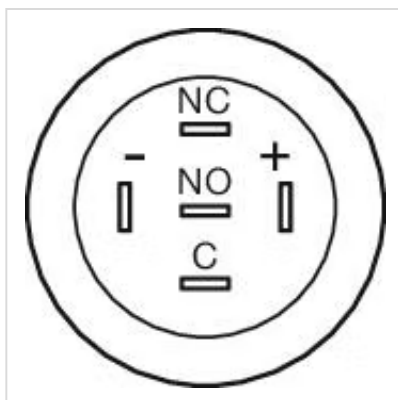
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

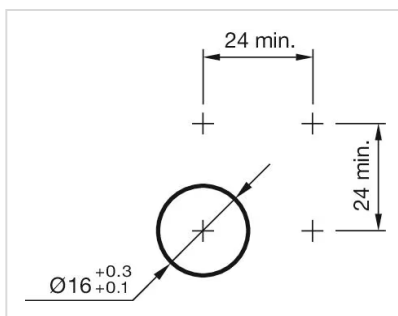
Short Description: Illuminated pushbutton Ø 16 mm silver contact, Momentary, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Aluminium, Green, Nature

Kind of illumination: Single-LED

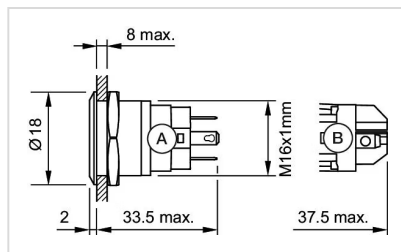
Component layouts:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Wiring diagrams:

