

Illuminated pushbutton Ø 16 mm silver contact

82-4552.2133



<https://eao.com/p/82-4552.2133>

Your product:



82-4552.2133
Illuminated pushbutton Ø
16 mm silver contact

FRONT

Front dimension:	Ø 18 mm
Front form:	round
Front bezel shape:	flush
Front bezel material:	Aluminium

MOUNTING

Mounting type:	Panel mounting
Mounting cut-out:	Ø 16 mm

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

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	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

Operating voltage:	12 V AC/DC
Rated insulation voltage Ui:	250 V
Rated Operational Voltage Ue:	250 VAC
Contacts:	1 C
Thermal current Ith:	5 A
Operation current:	7 mA
Electrical lifetime:	50 000 cycles of operation
Pollution degree:	2, according to EN IEC 60947-1

MECHANICAL CHARACTERISTIC

Contact material:	Silver
Switching system:	Snap-action switching element
Mechanical lifetime:	500 000 cycles of operation
Operating Travel:	ca. 3 mm
Weight:	0.018 kg
Tightening torque:	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
Operating force:	4 N ... 7 N
Terminal:	Screw terminal
Switching action:	Maintained

AMBIENT CONDITION

IP front protection:

IP65, IP67

Climate resistance: Damp heat, 21 days according to IEC 60512-11

Operating temperature: $-30^{\circ}\text{C} \dots +70^{\circ}\text{C}$

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

Storage temperature: $-40^{\circ}\text{C} \dots +80^{\circ}\text{C}$

Vibration resistance: 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

CERTIFICATE

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

Approbations: CB, CCC, C UL, UL

REACH: REACH compliant

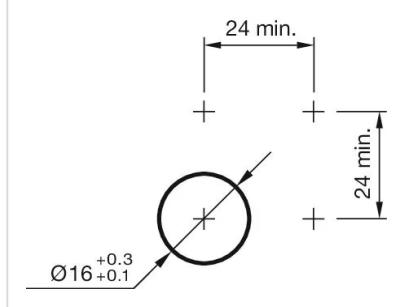
RoHS: RoHS compliant

OTHER

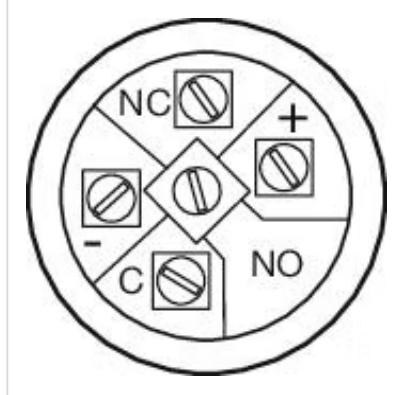
Short Description: Illuminated pushbutton Ø 16 mm silver contact, Maintained, 12 V AC/DC, 1 C, Screw terminal, round, Aluminium, Green, Nature

Kind of illumination: Single-LED

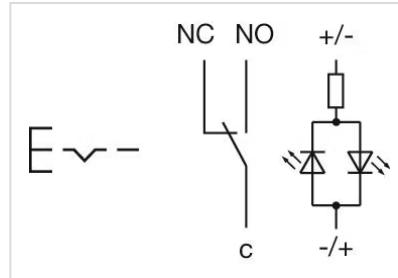
Mounting cut-outs:



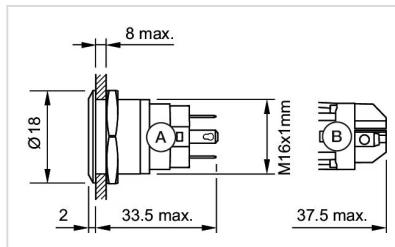
Component layouts:



Wiring diagrams:



Dimension drawings:



A = Solder terminal
B = Screw terminal