

Illuminated pushbutton Ø 16 mm silver contact

82-4551.2133



<https://eao.com/p/82-4551.2133>

Your product:



82-4551.2133

Illuminated pushbutton Ø
16 mm silver contact

FRONT

Front bezel shape:	flush
Front bezel material:	Aluminium

MOUNTING

Mounting cut-out:	Ø 16 mm
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OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Pollution degree:	2, according to EN IEC 60947-1
Rated Operational Voltage U_e :	250 VAC
Operating voltage:	12 V AC/DC
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	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)	
cosφ 0,75 ... 0,8	
Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

Rated insulation voltage Ui:	250 V
Thermal current Ith:	5 A
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground

MECHANICAL CHARACTERISTIC

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

AMBIENT CONDITION

Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
IP front protection:	IP65, IP67
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Storage temperature:	- 40 °C ... + 80 °C
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)

Approbations:

CB, CCC, C UL, UL

OTHER

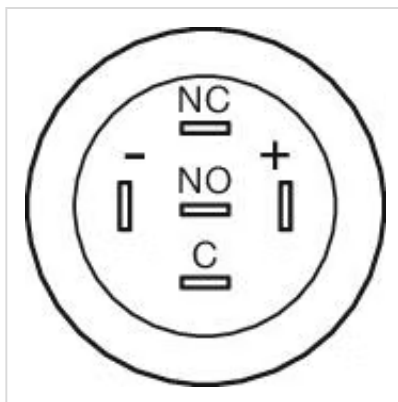
Kind of illumination:

Single-LED

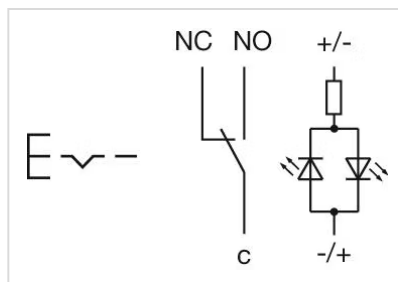
Short Description:

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

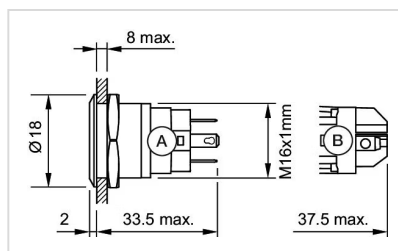
Component layouts:



Wiring diagrams:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:

