

Illuminated pushbutton Ø 16 mm silver contact

82-4152.2133



<https://eao.com/p/82-4152.2133>

Your product:



82-4152.2133
Illuminated pushbutton Ø
16 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

Lens optics:	opaque
Lens shape:	flush
Shape of illumination:	Ring
Lens colour:	Silver
Lens illumination:	illuminative
Lens material:	Stainless steel
Illumination colour:	Green

ELECTRICAL CHARACTERISTICS

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

Rated Operational Voltage Ue: 250 VAC

Electrical lifetime: 50 000 cycles of operation

Operating voltage: 12 V AC/DC

Thermal current Ith: 5 A

Rated insulation voltage Ui: 250 V

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

Contacts: 1 C

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

Operation current: 7 mA

MECHANICAL CHARACTERISTIC

Operating force: 4 N ... 7 N

Terminal: Screw terminal

Contact material: Silver

Operating Travel: ca. 3 mm

Mechanical lifetime: 500 000 cycles of operation

Weight: 0.018 kg

Switching action: Maintained

Tightening torque: 0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

Switching system: Snap-action switching element

AMBIENT CONDITION

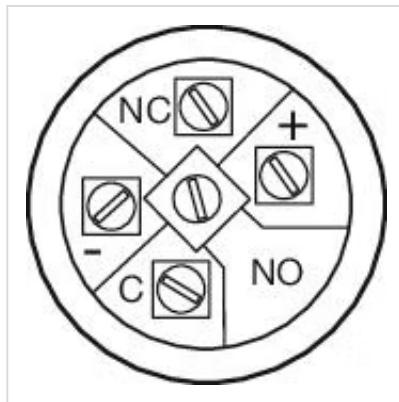
Storage temperature:	- 40 °C ... + 80 °C
Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Operating temperature:	- 30 °C ... + 70 °C
IP front protection:	IP65, IP67
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

CERTIFICATE

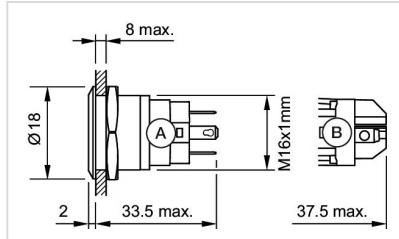
Conformities:	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
REACH:	REACH compliant
Approbations:	CB, CCC, C UL, UL
RoHS:	RoHS compliant

OTHER

Short Description:	Illuminated pushbutton Ø 16 mm silver contact, Maintained, 12 V AC/DC, 1 C, Screw terminal, round, Stainless steel, Green, Silver
Kind of illumination:	Single-LED
Component layouts:	

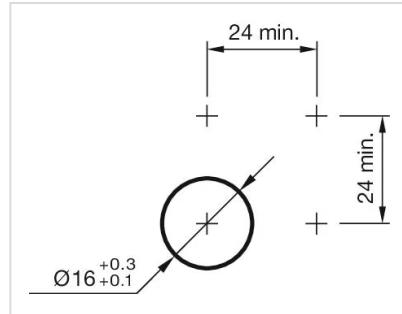


Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:



Wiring diagrams:

