

Illuminated pushbutton Ø 16 mm silver contact

82-4551.2123



<https://eao.com/p/82-4551.2123>

Your product:



82-4551.2123

Illuminated pushbutton Ø
16 mm silver contact

FRONT

Front dimension: Ø 18 mm

Front bezel material: Aluminium

Front form: round

Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 16 mm

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens material: Aluminium

Lens optics: opaque

Lens shape: flush

Shape of illumination: Ring

Lens colour: Nature

Illumination colour: Blue

Lens illumination: illuminative

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)	
cosφ 0,75 ... 0,8	
Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

Rated Operational Voltage Ue:	250 VAC
Operation current:	7 mA
Thermal current Ith:	5 A
Contacts:	1 C
Operating voltage:	12 V AC/DC
Pollution degree:	2, according to EN IEC 60947-1
Rated insulation voltage Ui:	250 V
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Electrical lifetime:	50 000 cycles of operation

MECHANICAL CHARATERISTIC

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

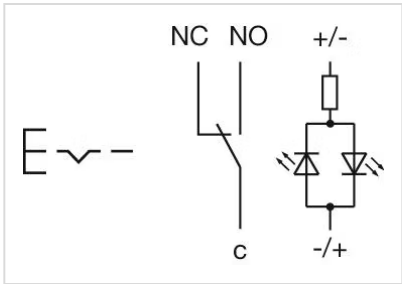
AMBIENT CONDITION

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

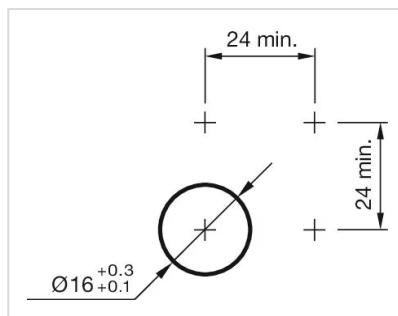
CERTIFICATE

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

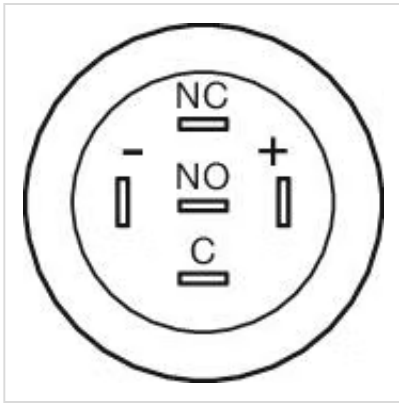
OTHER

Short Description:	Illuminated pushbutton Ø 16 mm silver contact, Maintained, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Aluminium, Blue, Nature
Kind of illumination:	Single-LED
Wiring diagrams:	

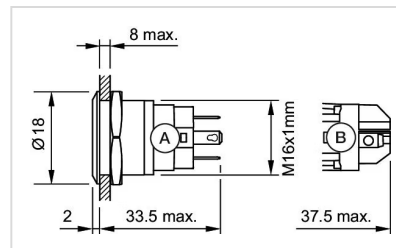
Mounting cut-outs:



Component layouts:



Dimension drawings:



A = Solder terminal
B = Screw terminal