

Illuminated pushbutton Ø 16 mm silver contact

82-4551.1134



<https://eao.com/p/82-4551.1134>

Your product:



82-4551.1134

Illuminated pushbutton Ø 16 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Electrical lifetime:	50 000 cycles of operation
Pollution degree:	2, according to EN IEC 60947-1
Contacts:	1 C

Rated Operational Voltage Ue:	250 VAC	
Thermal current Ith:	5 A	
Operation current:	7 mA	
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 versio
	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 vers
	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
Operating voltage:	24 V AC/DC	
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground	
Rated insulation voltage Ui:	250 V	

MECHANICAL CHARACTERISTIC

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

AMBIENT CONDITION

IP front protection:	IP65, IP67
Operating temperature:	- 30 °C ... + 70 °C
Shock resistance:	

Max. 500 m / s² as per IEC 60068-2-27

Storage temperature: - 40 °C ... + 80 °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

CERTIFICATE

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

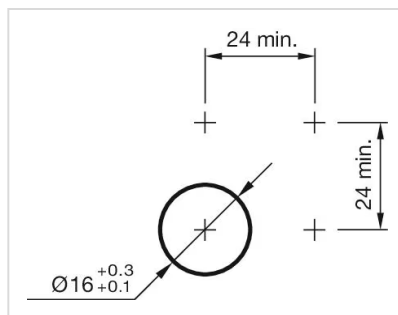
Approbations: CB, CCC, C UL, UL

OTHER

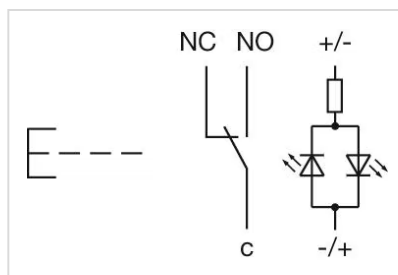
Kind of illumination: Single-LED

Short Description: Illuminated pushbutton Ø 16 mm silver contact, Momentary, 24 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Aluminium, Green, Nature

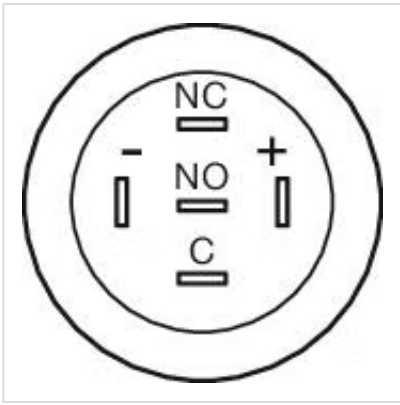
Mounting cut-outs:



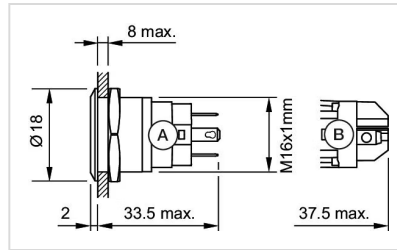
Wiring diagrams:



Component layouts:



Dimension drawings:



A = Solder terminal
 B = Screw terminal