

Illuminated pushbutton Ø 16 mm silver contact

82-4552.2124



<https://eao.com/p/82-4552.2124>

Your product:



82-4552.2124

Illuminated pushbutton Ø
16 mm silver contact

FRONT

Front bezel material: Aluminium

Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 16 mm

OPERATING-/INDICATION PART

Lens colour: Nature

Lens material: Aluminium

Shape of illumination: Ring

Illumination colour: Blue

Lens optics: opaque

Lens shape: flush

Lens illumination: illuminative

ELECTRICAL CHARACTERISTICS

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

Operating voltage: 24 V AC/DC

Rated Operational Voltage Ue: 250 VAC

Thermal current Ith: 5 A

Contacts: 1 C

Rated insulation voltage Ui: 250 V

Electrical lifetime:	50 000 cycles of operation		
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 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)		
	$\cos\phi$ 0,75 ... 0,8		
	Voltage	Current	
	120 VAC	5 A	
	240 VAC	3 A	
	24 VAC	1 A	

MECHANICAL CHARATERISTIC

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

AMBIENT CONDITION

Operating temperature:	– 30 °C ... + 70 °C
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
Storage temperature:	– 40 °C ... + 80 °C
Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27

CERTIFICATE

Approbations:

CB, CCC, C UL, UL

Conformities:

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

OTHER

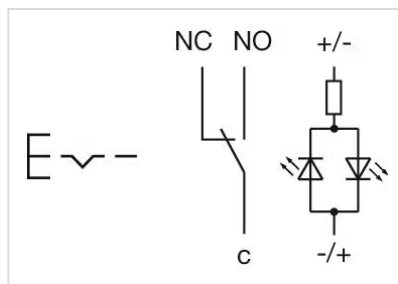
Kind of illumination:

Single-LED

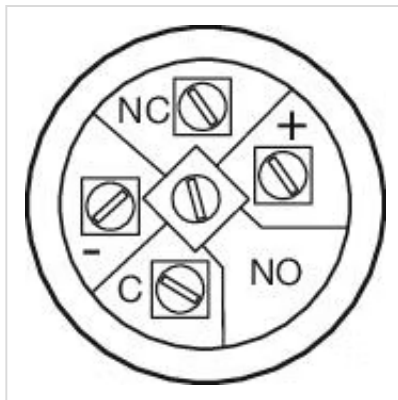
Short Description:

Illuminated pushbutton Ø 16 mm silver contact, Maintained, 24 V AC/DC, 1 C, Screw terminal, Aluminium, Blue, Nature

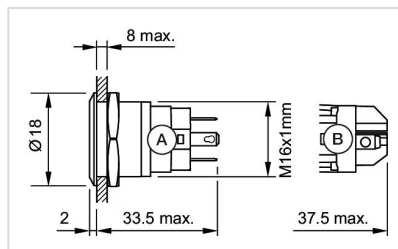
Wiring diagrams:



Component layouts:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:

