

Illuminated pushbutton Ø 16 mm silver contact

82-4552.1124



<https://eao.com/p/82-4552.1124>

Your product:

coming soon

82-4552.1124

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

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

ELECTRICAL CHARACTERISTICS

Contacts:	1 C
Rated Operational Voltage U _e :	250 VAC
Electrical lifetime:	50 000 cycles of operation
Thermal current I _{th} :	5 A
Rated insulation voltage U _i :	250 V
Pollution degree:	2, according to EN IEC 60947-1

Operating voltage:	24 V AC/DC		
Electric strength:	1500 VAC, 50 Hz 1 minute between live 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 CHARACTERISTIC

Tightening torque:	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
Operating force:	4 N ... 7 N
Contact material:	Silver
Switching system:	Snap-action switching element
Switching action:	Momentary
Weight:	0.018 kg
Mechanical lifetime:	1 Mio. cycles of operation
Operating Travel:	ca. 3 mm
Terminal:	Screw terminal

AMBIENT CONDITION

Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Storage temperature:	– 40 °C ... + 80 °C
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Operating temperature:	– 30 °C ... + 70 °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

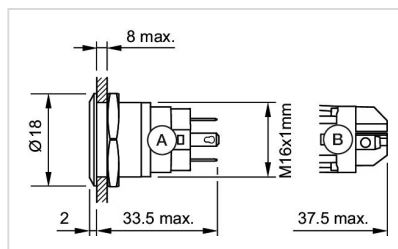
Short Description:

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

Kind of illumination:

Single-LED

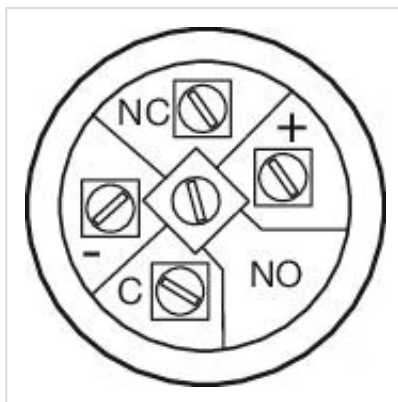
Dimension drawings:



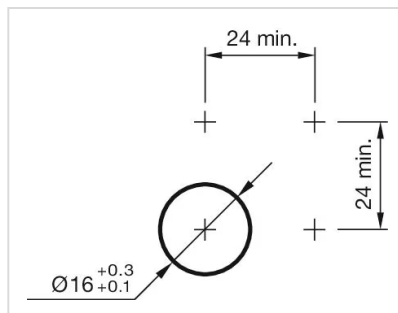
A = Solder terminal

B = Screw terminal

Component layouts:



Mounting cut-outs:



Wiring diagrams:

