

Pushbutton Ø 16 mm silver contact

82-4562.1000



<https://eao.com/p/82-4562.1000>

Your product:



82-4562.1000

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

Lens optics:	opaque
Lens material:	Aluminium
Lens illumination:	non illuminative
Lens colour:	Nature
Lens shape:	raised

ELECTRICAL CHARACTERISTICS

Thermal current I _{th} :	5 A
Rated Operational Voltage U _e :	250 VAC
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Rated insulation voltage U _i :	250 V
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

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

MECHANICAL CHARATERISTIC

Tightening torque:	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
Switching system:	Snap-action switching element
Contact material:	Silver
Weight:	0.02 kg
Operating Travel:	ca. 3 mm
Operating force:	4 N ... 7 N
Terminal:	Screw terminal
Mechanical lifetime:	1 Mio. cycles of operation
Switching action:	Momentary

AMBIENT CONDITION

Storage temperature:	– 40 °C ... + 80 °C
Operating temperature:	– 30 °C ... + 70 °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
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)

Approbations:

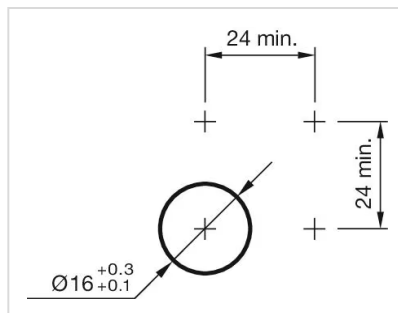
CB, CCC, C UL, UL

OTHER

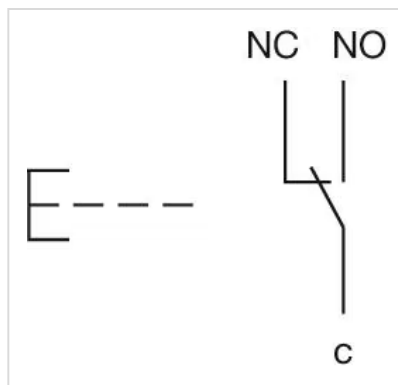
Short Description:

Pushbutton Ø 16 mm silver contact, Momentary, 1 C, Screw terminal, Aluminium, Nature

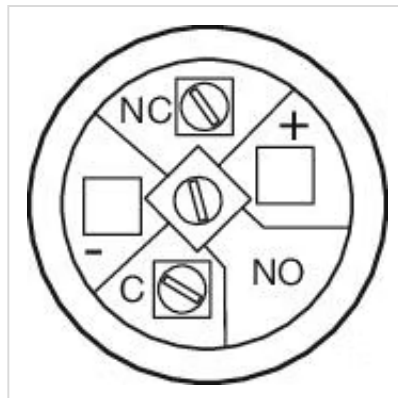
Mounting cut-outs:



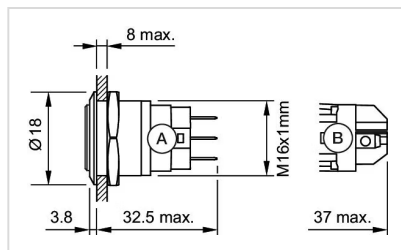
Wiring diagrams:



Component layouts:



Dimension drawings:



A = Solder terminal
B = Screw terminal