

Pushbutton Ø 16 mm silver contact

82-4552.1000



<https://eao.com/p/82-4552.1000>

Your product:



82-4552.1000 Pushbutton Ø 16 mm silver contact

FRONT

Front bezel material: Aluminium

MOUNTING

Mounting cut-out: Ø 16 mm

OPERATING-/INDICATION PART

Lens illumination: non illuminative

Lens optics: opaque

Lens colour: Nature

Lens material: Aluminium

Lens shape: flush

ELECTRICAL CHARACTERISTICS

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

Rated Operational Voltage U_e: 250 VAC

Contacts: 1 C

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

24 VAC

35 VAC

110 VAC

220 VAC

Current

1 A

1 A (M12 version)

1 A

0.5 A

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

0.7 A

0.5 A (M12 version)

0.2 A

0.1 A

according to UL 508 (Silver contacts)

$\cos\phi$ 0,75 ... 0,8

Voltage

120 VAC

240 VAC

24 VAC

Current

5 A

3 A

1 A

MECHANICAL CHARACTERISTIC

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

AMBIENT CONDITION

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

CERTIFICATE

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

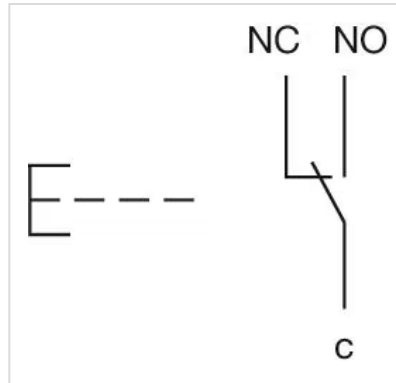
CB, CCC, C UL, UL

OTHER

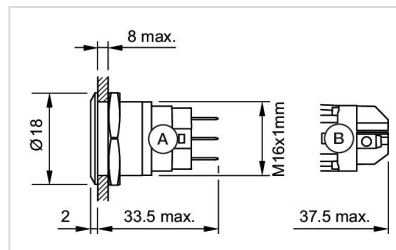
Short Description:

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

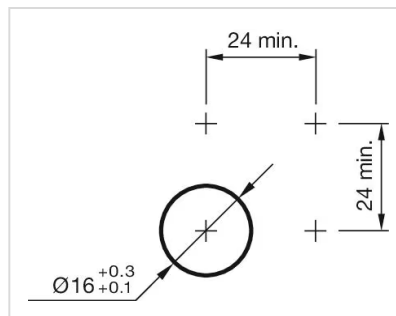
Wiring diagrams:



Dimension drawings:



Mounting cut-outs:



Component layouts:

