

Pushbutton Ø 16 mm silver contact

82-4561.1000



<https://eao.com/p/82-4561.1000>

Your product:



82-4561.1000

Pushbutton Ø 16 mm silver contact

FRONT

Front dimension: Ø 18 mm

Front bezel material: Aluminium

Front form: round

Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 16 mm

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens material: Aluminium

Lens optics: opaque

Lens shape: raised

Lens colour: Nature

Lens illumination: non illuminative

ELECTRICAL CHARACTERISTICS

Contacts: 1 C

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

Rated Operational Voltage U_e : 250 VAC

Electrical lifetime: 50 000 cycles of operation

Rated insulation voltage U_i : 250 V

Thermal current I_{th} : 5 A

Electric strength: 1500 VAC, 50 Hz 1 minute between life terminals and ground

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

MECHANICAL CHARACTERISTIC

Weight: 0.02 kg

Operating Travel: ca. 3 mm

Contact material: Silver

Switching action: Momentary

Switching system: Snap-action switching element

Terminal: Soldering terminal, 2.8 x 0.5 mm

Operating force: 4 N ... 7 N

Mechanical lifetime: 1 Mio. cycles of operation

Tightening torque: 0.5 ... 0.6 Nm

AMBIENT CONDITION

Shock resistance: Max. 500 m / s² as per IEC 60068-2-27

IP front protection: IP65, IP67

Climate resistance:

Damp heat, 21 days according to IEC 60512-11

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

Operating temperature: - 30 °C ... + 70 °C

Vibration resistance: 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

CERTIFICATE

Approbations: CB, CCC, C UL, UL

RoHS: RoHS compliant

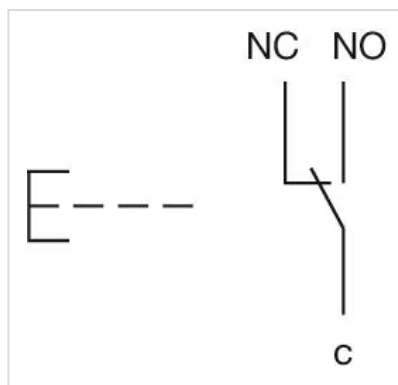
REACH: REACH compliant

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

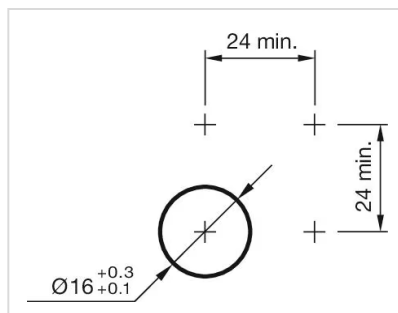
OTHER

Short Description: Pushbutton Ø 16 mm silver contact, Momentary, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Aluminium, Nature

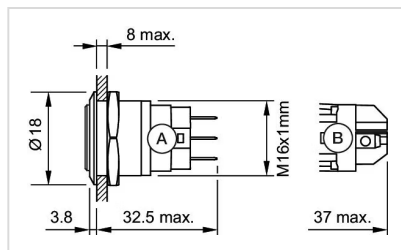
Wiring diagrams:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Component layouts:

