

Pushbutton Ø 16 mm silver contact

82-4171.2000



<https://eao.com/p/82-4171.2000>

Your product:



82-4171.2000
Pushbutton Ø 16 mm silver contact

FRONT

Front bezel shape:	flush
Front bezel material:	Stainless steel

MOUNTING

Mounting cut-out:	Ø 16 mm
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OPERATING-/INDICATION PART

Lens material:	Stainless steel
Lens shape:	convex
Lens illumination:	non illuminative
Lens colour:	Silver
Lens optics:	opaque

ELECTRICAL CHARACTERISTICS

Thermal current Ith:	5 A
Electrical lifetime:	50 000 cycles of operation
Rated Operational Voltage Ue:	250 VAC
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)

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

Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

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

Rated insulation voltage Ui: 250 V

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

Contacts: 1 C

MECHANICAL CHARACTERISTIC

Contact material: Silver

Weight: 0.019 kg

Operating Travel: ca. 3 mm

Terminal: Soldering terminal, 2.8 x 0.5 mm

Mechanical lifetime: 500 000 cycles of operation

Tightening torque: 0.5 ... 0.6 Nm

Switching system: Snap-action switching element

Operating force: 4 N ... 7 N

Switching action: Maintained

AMBIENT CONDITION

Climate resistance: Damp heat, 21 days according to IEC 60512-11

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

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

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

Shock resistance:

Max. 500 m / s² as per IEC 60068-2-27

CERTIFICATE

Conformities:

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

Approbations:

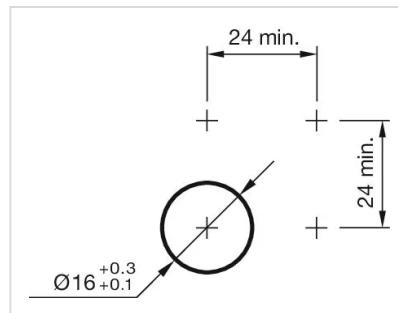
CB, CCC, C UL, UL

OTHER

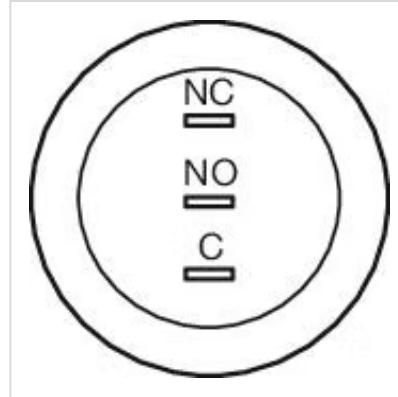
Short Description:

Pushbutton Ø 16 mm silver contact, Maintained, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Silver

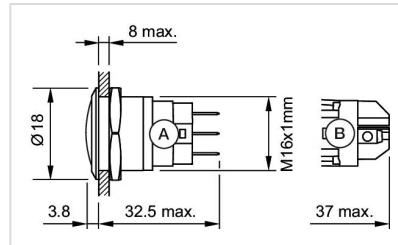
Mounting cut-outs:



Component layouts:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Wiring diagrams:

