

Pushbutton Ø 16 mm silver contact

82-4151.2000.B002



<https://eao.com/p/82-4151.2000.B002>

Your product:



82-4151.2000.B002

Pushbutton Ø 16 mm silver contact

FRONT

Front bezel material: Stainless steel

Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 16 mm

OPERATING-/INDICATION PART

Lens optics: opaque

Lens material: Stainless steel

Lens colour: Silver

Lens illumination: non illuminative

Lens shape: flush

ELECTRICAL CHARACTERISTICS

Rated insulation voltage U_i : 250 V

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	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

Electrical lifetime:	50 000 cycles of operation
Thermal current Ith:	5 A
Pollution degree:	2, according to EN IEC 60947-1

MECHANICAL CHARACTERISTIC

Operating force:	4 N ... 7 N
Switching system:	Snap-action switching element
Mechanical lifetime:	500 000 cycles of operation
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Switching action:	Maintained
Tightening torque:	0.5 ... 0.6 Nm
Operating Travel:	ca. 3 mm
Contact material:	Silver
Weight:	0.018 kg

AMBIENT CONDITION

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

CERTIFICATE

Approbations:

CB, CCC, C UL, UL

Conformities:

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

OTHER

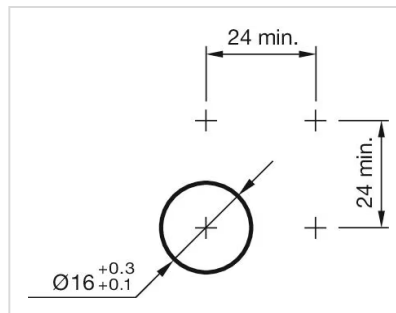
Short Description:

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

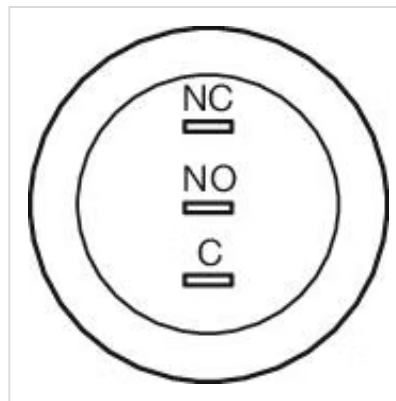
Symbol:

Standby

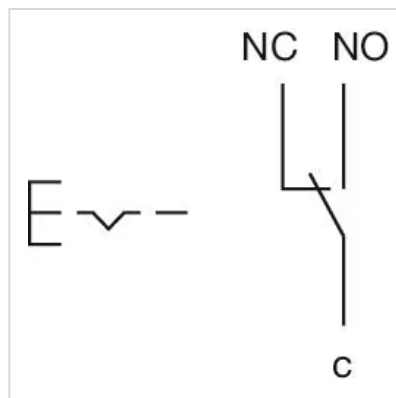
Mounting cut-outs:



Component layouts:



Wiring diagrams:



Dimension drawings:

