

Pushbutton Ø 19 mm silver contact

82-5152.1000.B001



<https://www.eao.com/p/82-5152.1000.B001>

Your product:



82-5152.1000.B001

Pushbutton Ø 19 mm silver contact

FRONT

Front dimension:	Ø 22 mm
Front form:	Round
Front bezel material:	Stainless steel
Front bezel shape:	Flush

MOUNTING

Mounting cut-out:	Ø 19 mm
Mounting type:	Panel mounting

OPERATING-/INDICATION PART

Lens colour:	Silver
Lens material:	Stainless steel
Lens illumination:	Non illuminated
Lens shape:	Flush
Lens optics:	opaque
Symbol:	ON/OFF

ELECTRICAL CHARACTERISTICS

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

Rated insulation voltage U_i : 250 V

Switching rating: 240 V

Electrical lifetime: 50 000 cycles of operation

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

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

Thermal current I_{th} : 5 A

MECHANICAL CHARACTERISTICS

Terminal: Screw terminal

Contact material: Silver

Switching action: Momentary

Switching system: Snap-action switching element

Mechanical lifetime: 1 Mil. cycles of operation

Operating force: 4 N ... 7 N

Operating Travel: ca. 3 mm

Tightening torque: 0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

Weight: 0.018 kg

AMBIENT CONDITION

IP front protection: IP65, IP67

Operating temperature:

– 30 °C ... + 70 °C

Storage temperature:

– 40 °C ... + 80 °C

Shock resistance:

Max. 500 m / s² 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

CERTIFICATE

Approbations:

CB, CCC, C UL, UL

Conformities:

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

REACH:

REACH compliant

RoHS:

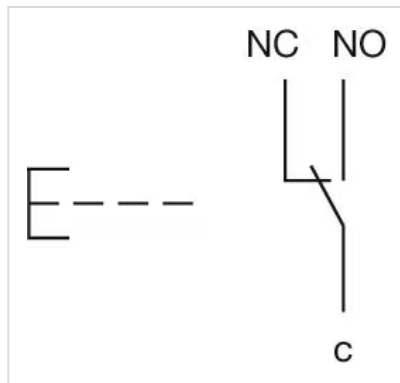
RoHS compliant

OTHER

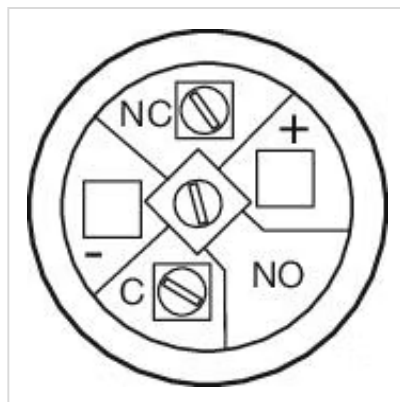
Short Description:

Pushbutton Ø 19 mm silver contact, Momentary, 240 V, Screw terminal, Round, Stainless steel, ON/OFF, Silver

Wiring diagrams:



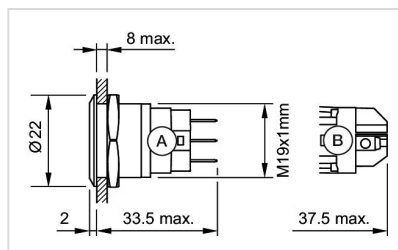
Component layouts:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal