

Pushbutton Ø 19 mm silver contact

82-5161.1000.B001



<https://eao.com/p/82-5161.1000.B001>

Your product:



82-5161.1000.B001

Pushbutton Ø 19 mm silver contact

FRONT

Front bezel material: Stainless steel

Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 19 mm

OPERATING-/INDICATION PART

Lens illumination: non illuminative

Lens colour: Silver

Lens shape: raised

Lens optics: opaque

Lens material: Stainless steel

ELECTRICAL CHARACTERISTICS

Thermal current I_{th}: 5 A

Electrical lifetime: 50 000 cycles of operation

Rated insulation voltage U_i: 250 V

Contacts: 1 C

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

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

Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Rated Operational Voltage Ue:	250 VAC

MECHANICAL CHARACTERISTIC

Weight:	0.02 kg
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Operating force:	4 N ... 7 N
Mechanical lifetime:	1 Mio. cycles of operation
Switching action:	Momentary
Switching system:	Snap-action switching element
Contact material:	Silver
Operating Travel:	ca. 3 mm
Tightening torque:	0.5 ... 0.6 Nm

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
Operating temperature:	– 30 °C ... + 70 °C
Storage temperature:	– 40 °C ... + 80 °C
Climate resistance:	Damp heat, 21 days according to IEC 60512-11

CERTIFICATE

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

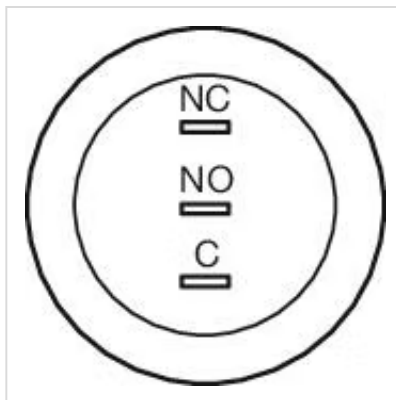
Approbations: CB, CCC, C UL, UL

OTHER

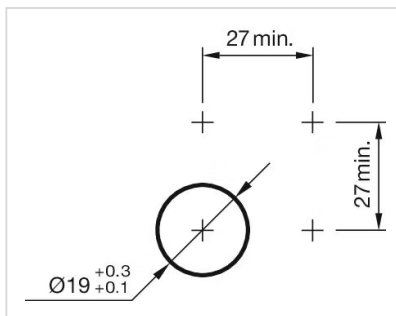
Short Description: Pushbutton Ø 19 mm silver contact, Momentary, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, ON/OFF, Silver

Symbol: ON/OFF

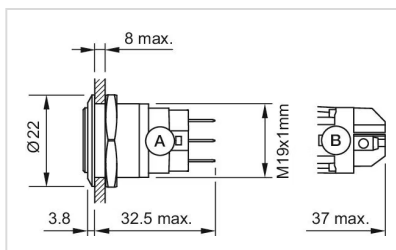
Component layouts:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Wiring diagrams:

