

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
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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)

$\cos\phi$ 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 CHARATERISTIC

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 / s² 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

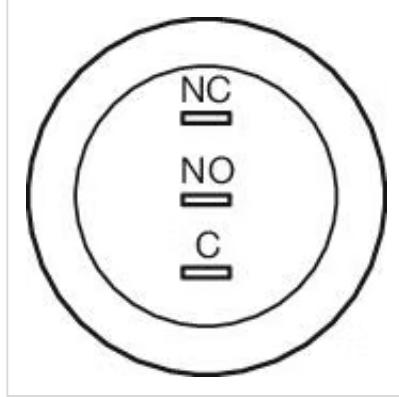
Short Description:

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

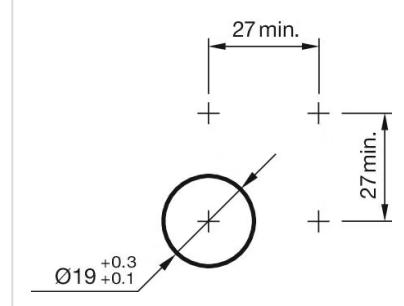
Symbol:

ON/OFF

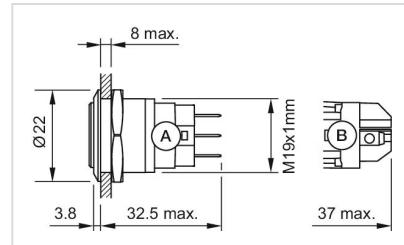
Component layouts:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Wiring diagrams:

