Your Expert Partner for **Human Machine Interfaces**

Pushbutton Ø 19 mm silver contact

82-5161.1000

https://eao.com/p/82-5161.1000

Your product:

82-5161.1000
Pushbutton Ø 19 mm silver contact

FRONT

Front bezel material:	Stainless steel

MOUNTING

Mounting cut-out:	Ø 19 mm

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Contacts:	1 C
Rated insulation voltage Ui:	250 V
Electrical lifetime:	50 000 cycles of operation
Rated Operational Voltage Ue:	250 VAC
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Thermal current Ith:	5 A
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

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

MECHANICAL CHARATERISTIC

Operating Travel: ca. 3 mm

Tightening torque: 0.5 ... 0.6 Nm

Switching action: Momentary

Terminal: Soldering terminal, 2.8 x 0.5 mm

Mechanical lifetime: 1 Mio. cycles of operation

Switching system: Snap-action switching element

Contact material: Silver

Weight: 0.02 kg

Operating force: 4 N ... 7 N

AMBIENT CONDITION

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

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

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

Shock resistance: Max. 500 m / s^2 as per IEC 60068-2-27

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

CERTIFICATE

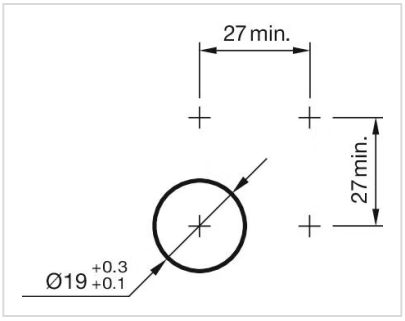
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

Approbations: CB, CCC, C UL, UL

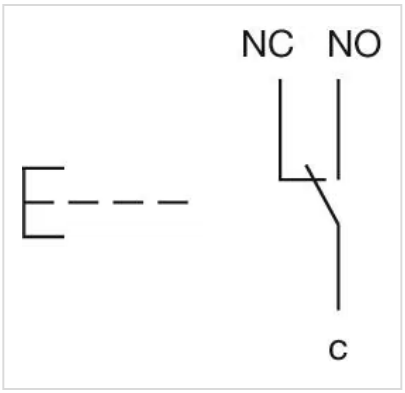
OTHER

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

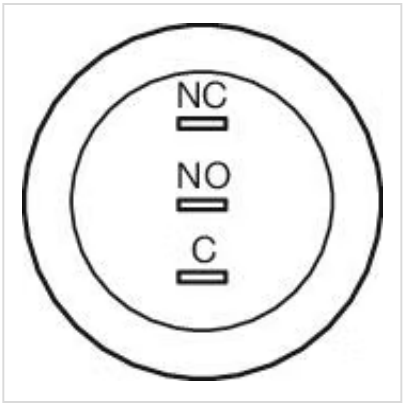
Mounting cut-outs:



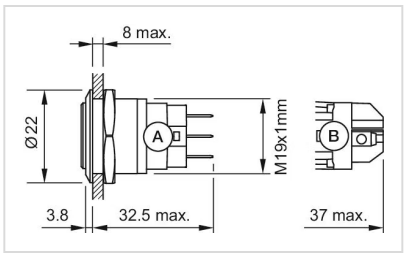
Wiring diagrams:



Component layouts:



Dimension drawings:


8 max.
Ø22
A
M19x1mm
B
3.8
32.5 max.
37 max.