

## Pushbutton Ø 19 mm silver contact

82-5161.2000



<https://eao.com/p/82-5161.2000>

Your product:

---



82-5161.2000  
Pushbutton Ø 19 mm silver contact

#### FRONT

<b>Front bezel material:</b>	Stainless steel
<b>Front bezel shape:</b>	flush

#### MOUNTING

<b>Mounting cut-out:</b>	Ø 19 mm
--------------------------	---------

#### OPERATING-/INDICATION PART

<b>Lens material:</b>	Stainless steel
<b>Lens illumination:</b>	non illuminative
<b>Lens shape:</b>	raised
<b>Lens optics:</b>	opaque
<b>Lens colour:</b>	Silver

#### ELECTRICAL CHARACTERISTICS

<b>Rated Operational Voltage Ue:</b>	250 VAC
<b>Contacts:</b>	1 C
<b>Thermal current Ith:</b>	5 A
<b>Pollution degree:</b>	2, according to EN IEC 60947-1
<b>Electrical lifetime:</b>	50 000 cycles of operation
<b>Rated insulation voltage Ui:</b>	250 V
<b>Electric strength:</b>	1500 VAC, 50 Hz 1 minute between life terminals and ground
<b>Switching voltage and switching current:</b>	

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

## MECHANICAL CHARACTERISTIC

<b>Operating Travel:</b>	ca. 3 mm
<b>Tightening torque:</b>	0.5 ... 0.6 Nm
<b>Switching system:</b>	Snap-action switching element
<b>Mechanical lifetime:</b>	500 000 cycles of operation
<b>Operating force:</b>	4 N ... 7 N
<b>Weight:</b>	0.02 kg
<b>Contact material:</b>	Silver
<b>Switching action:</b>	Maintained
<b>Terminal:</b>	Soldering terminal, 2.8 x 0.5 mm

## AMBIENT CONDITION

<b>Vibration resistance:</b>	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
<b>Storage temperature:</b>	- 40 °C ... + 80 °C
<b>Operating temperature:</b>	- 30 °C ... + 70 °C
<b>Shock resistance:</b>	Max. 500 m / s <sup>2</sup> as per IEC 60068-2-27
<b>Climate resistance:</b>	Damp heat, 21 days according to IEC 60512-11

## CERTIFICATE

<b>Conformities:</b>	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
----------------------	---

**Approbations:**

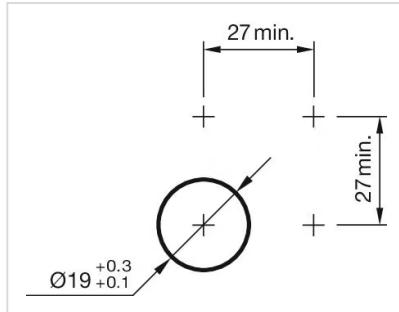
CB, CCC, C UL, UL

## OTHER

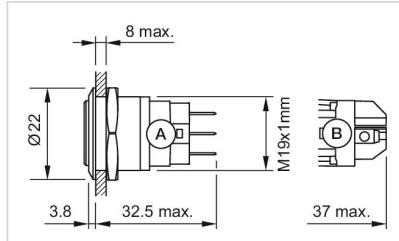
### Short Description:

Pushbutton Ø 19 mm silver contact, Maintained, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Silver

### Mounting cut-outs:

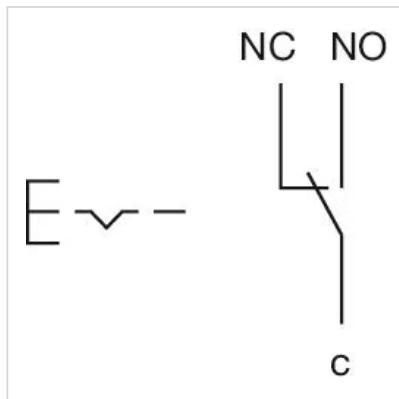


### Dimension drawings:



A = Solder terminal  
B = Screw terminal

### Wiring diagrams:



### Component layouts:

