

## Pushbutton Ø 19 mm silver contact

82-5161.2000.B001



<https://eao.com/p/82-5161.2000.B001>

Your product:

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82-5161.2000.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 shape:** raised

**Lens optics:** opaque

**Lens colour:** Silver

**Lens material:** Stainless steel

#### ELECTRICAL CHARACTERISTICS

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

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

**Rated insulation voltage  $U_i$ :** 250 V

**Electrical lifetime:** 50 000 cycles of operation

**Rated Operational Voltage  $U_e$ :** 250 VAC

**Thermal current  $I_{th}$ :** 5 A

**Contacts:** 1 C

**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

## MECHANICAL CHARACTERISTIC

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

## AMBIENT CONDITION

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

## CERTIFICATE

<b>Conformities:</b>	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
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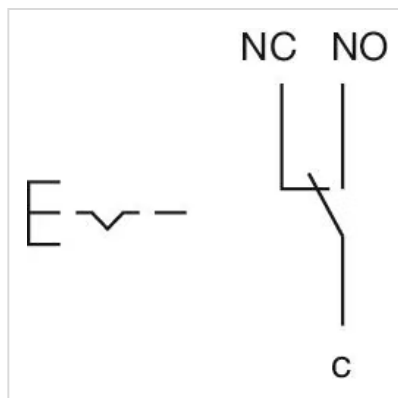
**Approbations:** CB, CCC, C UL, UL

## OTHER

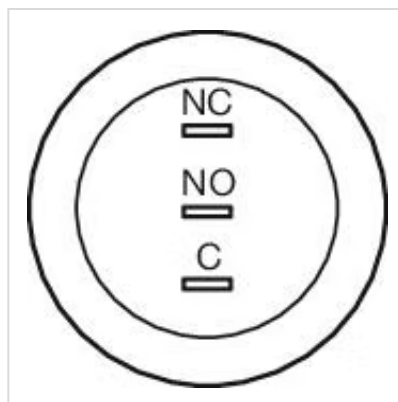
**Short Description:** Pushbutton Ø 19 mm silver contact, Maintained, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, ON/OFF, Silver

**Symbol:** ON/OFF

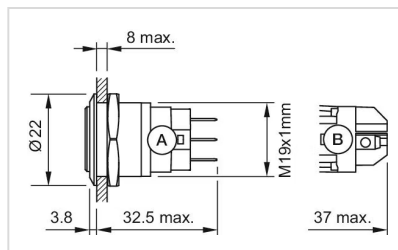
**Wiring diagrams:**



**Component layouts:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal

**Mounting cut-outs:**

