

## Pushbutton Ø 19 mm silver contact

82-5162.2000



<https://eao.com/p/82-5162.2000>

Your product:

---



82-5162.2000

Pushbutton Ø 19 mm silver contact

#### FRONT

Front bezel material:	Stainless steel
Front bezel shape:	flush
Front dimension:	Ø 22 mm
Front form:	round

#### MOUNTING

Mounting cut-out:	Ø 19 mm
Mounting type:	Panel mounting

#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

Thermal current I <sub>th</sub> :	5 A
Rated Operational Voltage U <sub>e</sub> :	250 VAC
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

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

## MECHANICAL CHARACTERISTIC

<b>Switching system:</b>	Snap-action switching element
<b>Tightening torque:</b>	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
<b>Mechanical lifetime:</b>	500 000 cycles of operation
<b>Contact material:</b>	Silver
<b>Terminal:</b>	Screw terminal
<b>Operating Travel:</b>	ca. 3 mm
<b>Weight:</b>	0.02 kg
<b>Switching action:</b>	Maintained
<b>Operating force:</b>	4 N ... 7 N

## AMBIENT CONDITION

<b>IP front protection:</b>	IP65, IP67
<b>Storage temperature:</b>	– 40 °C ... + 80 °C
<b>Climate resistance:</b>	Damp heat, 21 days according to IEC 60512-11
<b>Vibration resistance:</b>	

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

**Operating temperature:** - 30 °C ... + 70 °C

**Shock resistance:** Max. 500 m / s<sup>2</sup> as per IEC 60068-2-27

## CERTIFICATE

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

**Approbations:** CB, CCC, C UL, UL

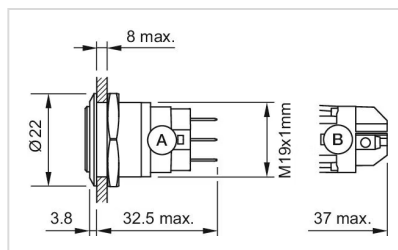
**REACH:** REACH compliant

**RoHS:** RoHS compliant

## OTHER

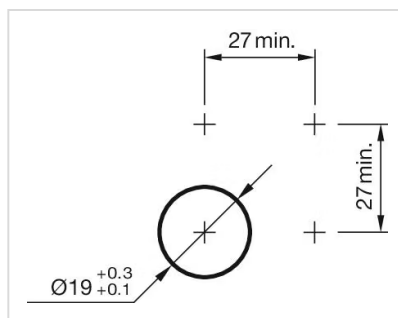
**Short Description:** Pushbutton Ø 19 mm silver contact, Maintained, 1 C, Screw terminal, round, Stainless steel, Silver

**Dimension drawings:**

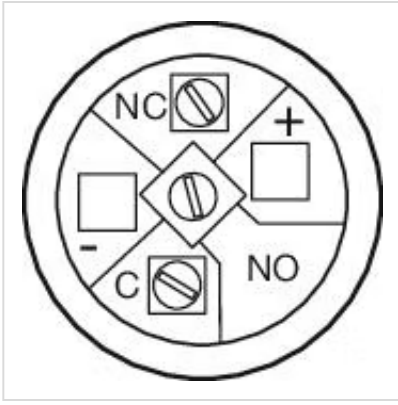


A = Solder terminal  
B = Screw terminal

**Mounting cut-outs:**



**Component layouts:**



**Wiring diagrams:**

