

## Pushbutton Ø 19 mm silver contact

82-5552.1000



<https://eao.com/p/82-5552.1000>

Your product:



82-5552.1000  
Pushbutton Ø 19 mm silver contact

FRONT

Front bezel material: Aluminium

MOUNTING

Mounting cut-out: Ø 19 mm

OPERATING-/INDICATION PART

Lens optics: opaque

Lens material: Aluminium

Lens illumination: non illuminative

Lens colour: Nature

Lens shape: flush

ELECTRICAL CHARACTERISTICS

Electrical lifetime: 50 000 cycles of operation

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 versio
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 vers
110 VDC	0.2 A
220 VDC	0.1 A

according to UL 508 (Silver contacts)

cos $\phi$  0,75 ... 0,8

Voltage

120 VAC

240 VAC

24 VAC

Current

5 A

3 A

1 A

<b>Electric strength:</b>	1500 VAC, 50 Hz 1 minute between life terminals and ground
<b>Contacts:</b>	1 C
<b>Pollution degree:</b>	2, according to EN IEC 60947-1
<b>Rated insulation voltage <math>U_i</math>:</b>	250 V
<b>Rated Operational Voltage <math>U_e</math>:</b>	250 VAC

## MECHANICAL CHARACTERISTIC

<b>Mechanical lifetime:</b>	1 Mio. cycles of operation
<b>Switching system:</b>	Snap-action switching element
<b>Operating Travel:</b>	ca. 3 mm
<b>Contact material:</b>	Silver
<b>Weight:</b>	0.018 kg
<b>Operating force:</b>	4 N ... 7 N
<b>Terminal:</b>	Screw terminal
<b>Tightening torque:</b>	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
<b>Switching action:</b>	Momentary

## AMBIENT CONDITION

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

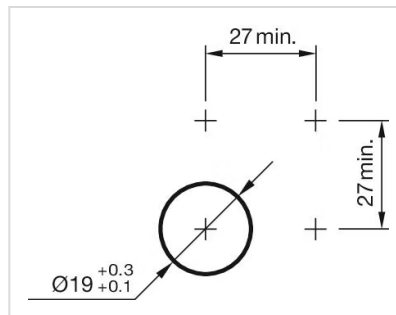
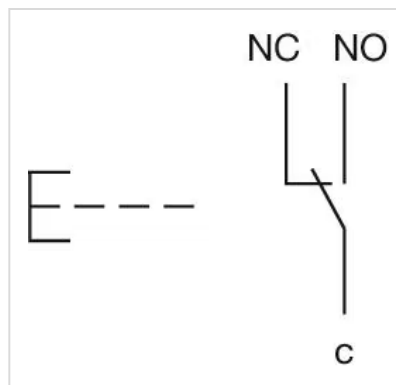
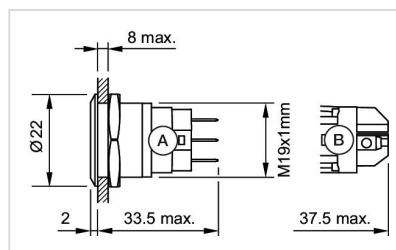
## CERTIFICATE

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

## OTHER

**Short Description:**

Pushbutton Ø 19 mm silver contact, Momentary, 1 C, Screw terminal, Aluminium, Nature

**Mounting cut-outs:****Wiring diagrams:****Dimension drawings:****Component layouts:**