

## 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	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	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 Ui:</b>	250 V
<b>Rated Operational Voltage Ue:</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

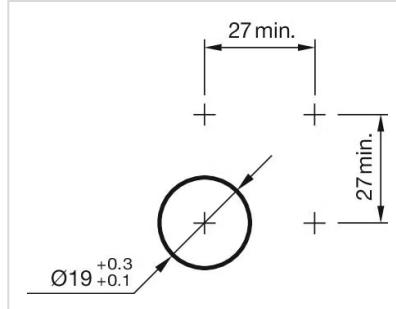
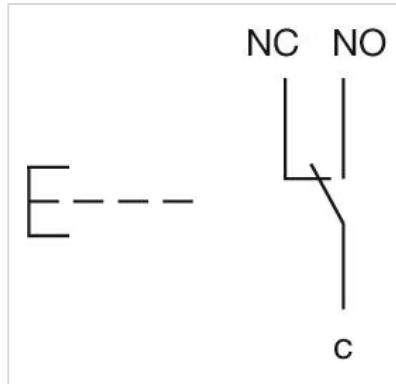
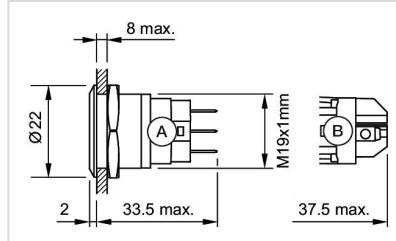
### CERTIFICATE

<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:**