

## Pushbutton Ø 19 mm silver contact

82-5152.1000.B001



<https://eao.com/p/82-5152.1000.B001>

Your product:

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82-5152.1000.B001

Pushbutton Ø 19 mm silver contact

#### FRONT

Front bezel shape:	flush
Front bezel material:	Stainless steel

#### MOUNTING

Mounting cut-out:	Ø 19 mm
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#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

Rated insulation voltage $U_i$ :	250 V
Electrical lifetime:	50 000 cycles of operation
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Pollution degree:	2, according to EN IEC 60947-1
Rated Operational Voltage $U_e$ :	250 VAC
Thermal current $I_{th}$ :	5 A
Switching voltage and switching current:	

according to IEC 60947-5-1 (Silver contacts)

Service categorie AC-15

Voltage

24 VAC

35 VAC

110 VAC

220 VAC

Current

1 A

1 A (M12 version)

1 A

0.5 A

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

0.7 A

0.5 A (M12 version)

0.2 A

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

## MECHANICAL CHARACTERISTIC

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

## AMBIENT CONDITION

<b>Storage temperature:</b>	- 40 °C ... + 80 °C
<b>Shock resistance:</b>	Max. 500 m / s <sup>2</sup> as per IEC 60068-2-27
<b>Operating temperature:</b>	- 30 °C ... + 70 °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

## CERTIFICATE

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

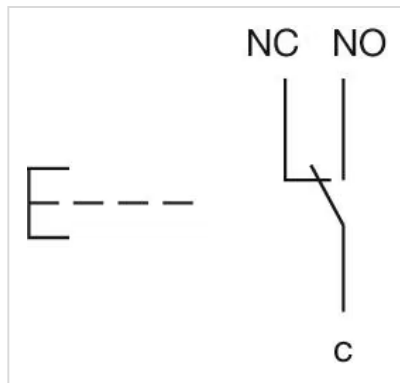
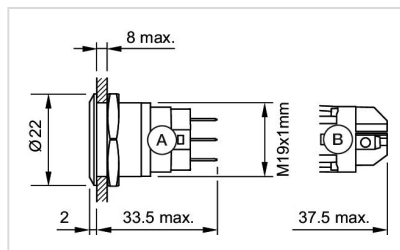
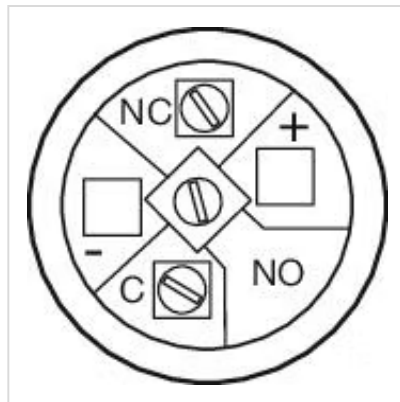
CB, CCC, C UL, UL

**OTHER****Short Description:**

Pushbutton Ø 19 mm silver contact, Momentary, Screw terminal, Stainless steel, ON/OFF, Silver

**Symbol:**

ON/OFF

**Wiring diagrams:****Dimension drawings:**A = Solder terminal  
B = Screw terminal**Component layouts:****Mounting cut-outs:**

