

## Pushbutton Ø 19 mm silver contact

82-5161.2000.B002



<https://eao.com/p/82-5161.2000.B002>

Your product:

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82-5161.2000.B002

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

#### ELECTRICAL CHARACTERISTICS

Rated insulation voltage $U_i$ :	250 V
Contacts:	1 C
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Rated Operational Voltage $U_e$ :	250 VAC
Thermal current $I_{th}$ :	5 A
Electrical lifetime:	50 000 cycles of operation
Pollution degree:	2, according to EN IEC 60947-1
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)	
$\cos\phi$ 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>Weight:</b>	0.02 kg
<b>Operating force:</b>	4 N ... 7 N
<b>Contact material:</b>	Silver
<b>Mechanical lifetime:</b>	500 000 cycles of operation
<b>Tightening torque:</b>	0.5 ... 0.6 Nm
<b>Switching action:</b>	Maintained
<b>Operating Travel:</b>	ca. 3 mm

## AMBIENT CONDITION

<b>Operating temperature:</b>	– 30 °C ... + 70 °C
<b>Climate resistance:</b>	Damp heat, 21 days according to IEC 60512-11
<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>Storage temperature:</b>	– 40 °C ... + 80 °C

## CERTIFICATE

<b>Approbations:</b>	CB, CCC, C UL, UL
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**Conformities:**

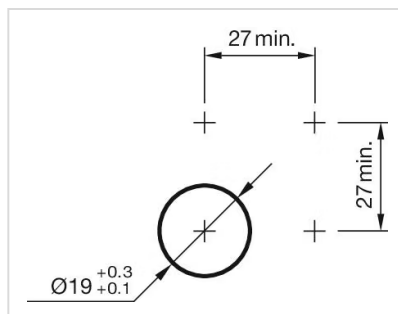
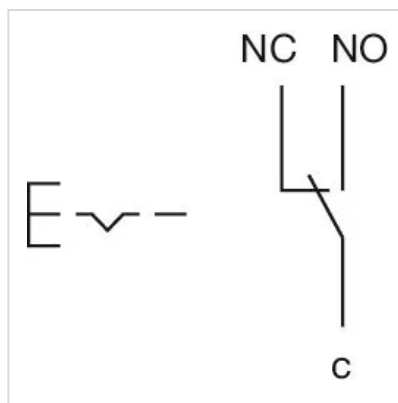
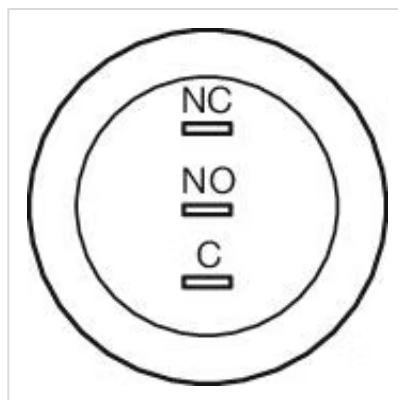
CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

**OTHER****Symbol:**

Standby

**Short Description:**

Pushbutton Ø 19 mm silver contact, Maintained, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Standby, Silver

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

