

## Pushbutton Ø 19 mm silver contact

82-5151.1000.B002



<https://eao.com/p/82-5151.1000.B002>

Your product:

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82-5151.1000.B002

Pushbutton Ø 19 mm silver contact

#### FRONT

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

#### MOUNTING

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

#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

Rated insulation voltage $U_i$ :	250 V
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Thermal current $I_{th}$ :	5 A
Rated Operational Voltage $U_e$ :	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 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

**Pollution degree:**

2, according to EN IEC 60947-1

**Electrical lifetime:**

50 000 cycles of operation

**MECHANICAL CHARACTERISTIC****Weight:**

0.018 kg

**Operating force:**

4 N ... 7 N

**Switching system:**

Snap-action switching element

**Tightening torque:**

0.5 ... 0.6 Nm

**Operating Travel:**

ca. 3 mm

**Switching action:**

Momentary

**Terminal:**

Soldering terminal, 2.8 x 0.5 mm

**Contact material:**

Silver

**Mechanical lifetime:**

1 Mio. cycles of operation

**AMBIENT CONDITION****IP front protection:**

IP65, IP67

**Storage temperature:**

– 40 °C ... + 80 °C

**Vibration resistance:**

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

**Climate resistance:**

Damp heat, 21 days according to IEC 60512-11

**Shock resistance:**

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

**Operating temperature:**

– 30 °C ... + 70 °C

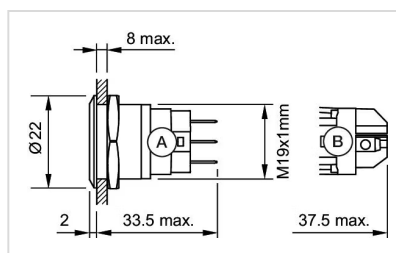
## CERTIFICATE

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

## OTHER

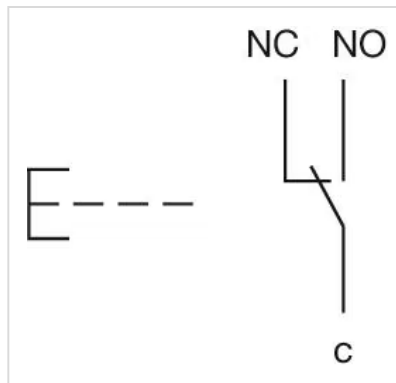
**Short Description:** Pushbutton Ø 19 mm silver contact, Momentary, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Standby, Silver

### Dimension drawings:

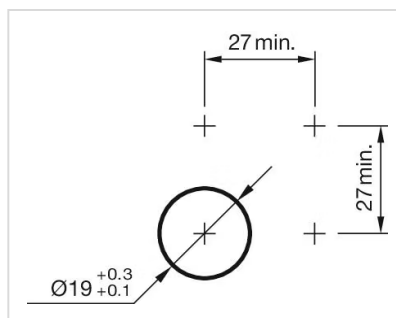


A = Solder terminal  
B = Screw terminal

### Wiring diagrams:



### Mounting cut-outs:



### Component layouts:

