

## Pushbutton Ø 19 mm silver contact

82-5151.1000.B001



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Your product:

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82-5151.1000.B001

Pushbutton Ø 19 mm silver contact

#### FRONT

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

#### MOUNTING

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

#### OPERATING-/INDICATION PART

Lens colour:	Silver
Lens material:	Stainless steel
Lens illumination:	non illuminative
Lens shape:	flush
Lens optics:	opaque
Symbol:	ON/OFF

#### ELECTRICAL CHARACTERISTICS

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

**Rated Operational Voltage  $U_e$ :** 250 VAC

**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

**Thermal current  $I_{th}$ :** 5 A

## MECHANICAL CHARACTERISTIC

**Terminal:** Soldering terminal, 2.8 x 0.5 mm

**Contact material:** Silver

**Switching action:** Momentary

**Switching system:** Snap-action switching element

**Mechanical lifetime:** 1 Mio. cycles of operation

**Operating force:** 4 N ... 7 N

**Operating Travel:** ca. 3 mm

**Tightening torque:** 0.5 ... 0.6 Nm

**Weight:** 0.018 kg

## AMBIENT CONDITION

**IP front protection:** IP65, IP67

**Operating temperature:** - 30 °C ... + 70 °C

**Storage temperature:**

– 40 °C ... + 80 °C

**Shock resistance:**

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

**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

**CERTIFICATE**

**Approbations:**

CB, CCC, C UL, UL

**Conformities:**

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

**REACH:**

REACH compliant

**RoHS:**

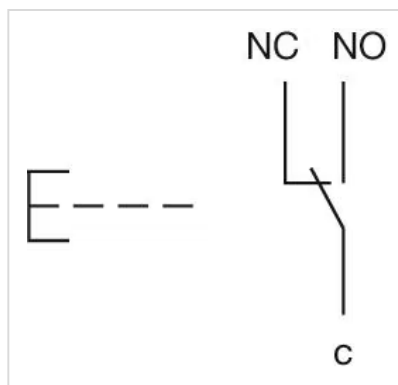
RoHS compliant

**OTHER**

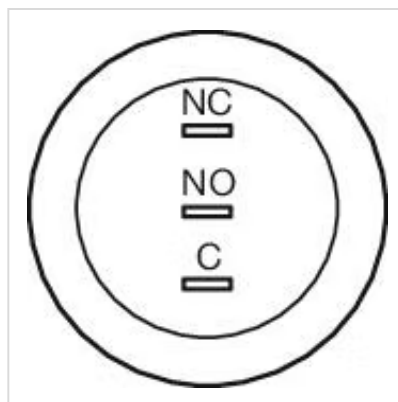
**Short Description:**

Pushbutton Ø 19 mm silver contact, Momentary, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, ON/OFF, Silver

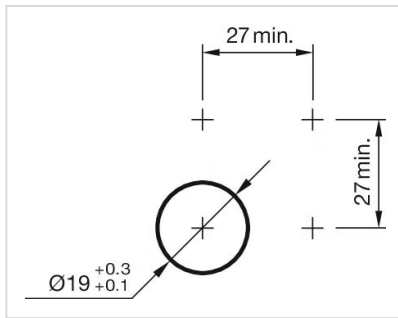
**Wiring diagrams:**



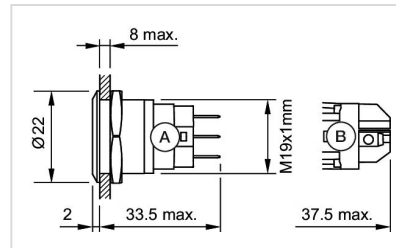
**Component layouts:**



**Mounting cut-outs:**













# **Dimension drawings:**



A = Solder terminal  
B = Screw terminal

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