

# Push button Ø 19 mm silver contact

Distribution by  
Mouser



82-5151.2000.B002



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Your product:

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82-5151.2000.B002  
Push button 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 illuminated
Lens shape:	Flush
Lens optics:	opaque
Symbol:	Standby

#### ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:	
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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

**Rated Operational Voltage Ue:** 250 VAC

**Rated insulation voltage Ui:** 250 V

**Switching rating:** 240 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 Ith:** 5 A

## MECHANICAL CHARACTERISTICS

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

**Contact material:** Silver

**Switching action:** Maintained

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

**Mechanical lifetime:** 500 000 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)

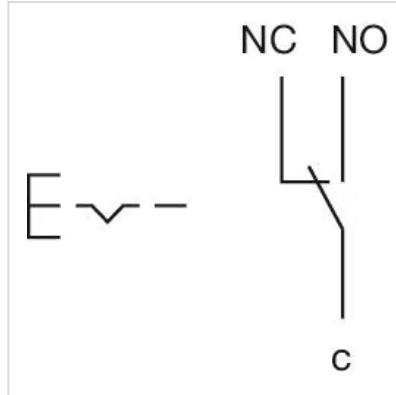
**REACH:** REACH compliant

**RoHS:** RoHS compliant

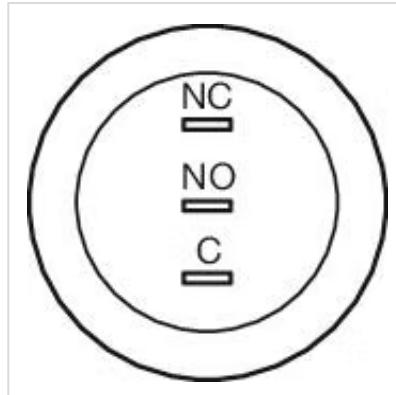
## OTHER

**Short Description:** Push button Ø 19 mm silver contact, Maintained, 240 V, Soldering terminal, 2.8 x 0.5 mm, Round, Stainless steel, Standby, Silver

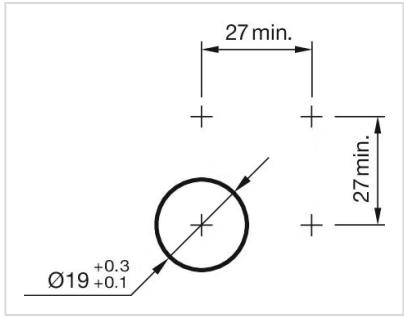
**Wiring diagrams:**



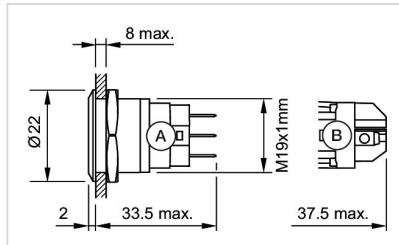
**Component layouts:**



**Mounting cut-outs:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal