

## Pushbutton Ø 19 mm silver contact

82-5152.1000



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Your product:

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## 82-5152.1000

### 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

#### ELECTRICAL CHARACTERISTICS

Contacts:	1 C
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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:** Screw terminal

**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, Screw terminal 0.1 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:**

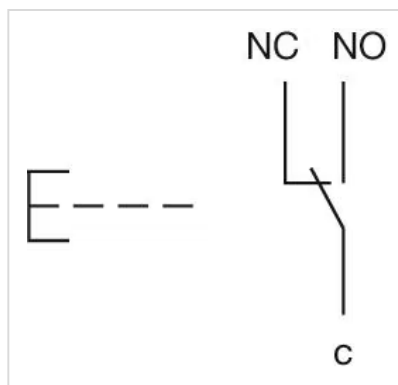
RoHS compliant

**OTHER**

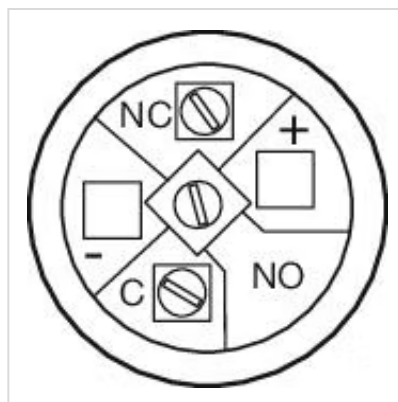
**Short Description:**

Pushbutton Ø 19 mm silver contact, Momentary, 1 C, Screw terminal, round, Stainless steel, Silver

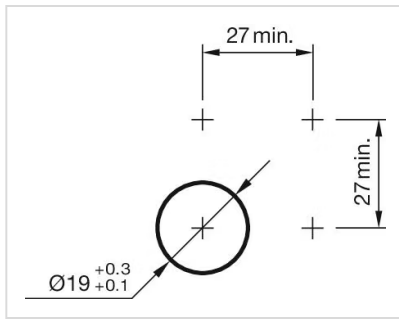
**Wiring diagrams:**



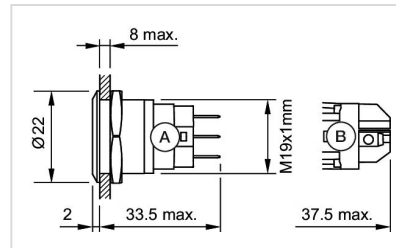
**Component layouts:**



**Mounting cut-outs:**













# **Dimension drawings:**



A = Solder terminal  
B = Screw terminal

Where to Buy

Distributor		Quantity in Stock		
	Farnell UK	339 in stock	Buy	
	element14 Singapore	339 in stock	Buy	
	Mouser Electronics	37 in stock	Buy	
	RS UK	14 in stock	Buy	
	DigiKey	12 in stock	Buy	

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