

Pushbutton Ø 19 mm silver contact

82-5151.2000



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Your product:



82-5151.2000

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: 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 / s² 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:

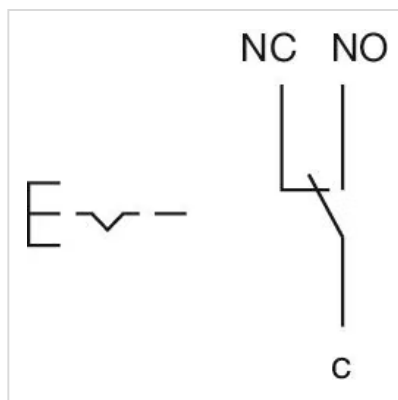
RoHS compliant

OTHER

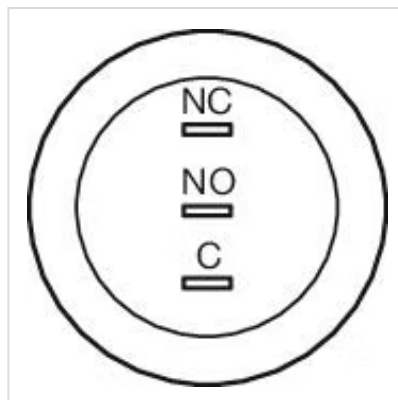
Short Description:

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

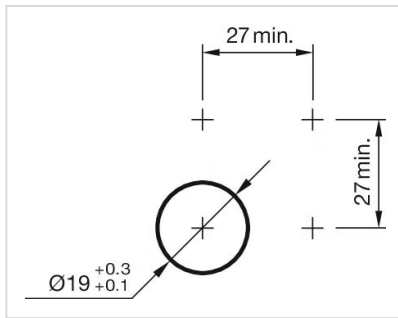
Wiring diagrams:



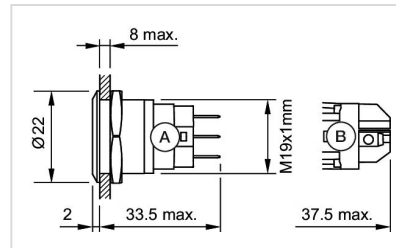
Component layouts:



Mounting cut-outs:













Dimension drawings:



A = Solder terminal
B = Screw terminal

Where to Buy

	Distributor	Quantity in Stock	
	DigiKey	562 in stock	Buy 
	RS UK	243 in stock	Buy 
	Distrelec	156 in stock	Buy 
	Mouser Electronics	130 in stock	Buy 
	TME	31 in stock	Buy 

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