

Pushbutton Ø 19 mm silver contact

82-5161.1000.B002



<https://eao.com/p/82-5161.1000.B002>

Your product:



82-5161.1000.B002
Pushbutton Ø 19 mm silver contact

FRONT

Front bezel shape:	flush
Front bezel material:	Stainless steel

MOUNTING

Mounting cut-out:	Ø 19 mm
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OPERATING-/INDICATION PART

Lens optics:	opaque
Lens illumination:	non illuminative
Lens material:	Stainless steel
Lens shape:	raised
Lens colour:	Silver

ELECTRICAL CHARACTERISTICS

Electrical lifetime:	50 000 cycles of operation		
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

120 VAC

240 VAC

24 VAC

Current

5 A

3 A

1 A

Thermal current I_{th}:	5 A
Rated Operational Voltage U_e:	250 VAC
Rated insulation voltage U_i:	250 V
Contacts:	1 C
Pollution degree:	2, according to EN IEC 60947-1
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground

MECHANICAL CHARACTERISTIC

Contact material:	Silver
Weight:	0.02 kg
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Switching action:	Momentary
Operating force:	4 N ... 7 N
Mechanical lifetime:	1 Mio. cycles of operation
Operating Travel:	ca. 3 mm
Tightening torque:	0.5 ... 0.6 Nm
Switching system:	Snap-action switching element

AMBIENT CONDITION

Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Storage temperature:	- 40 °C ... + 80 °C
Operating temperature:	- 30 °C ... + 70 °C
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27

CERTIFICATE

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

OTHER

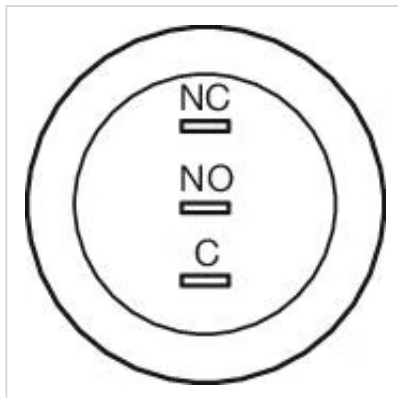
Symbol:

Standby

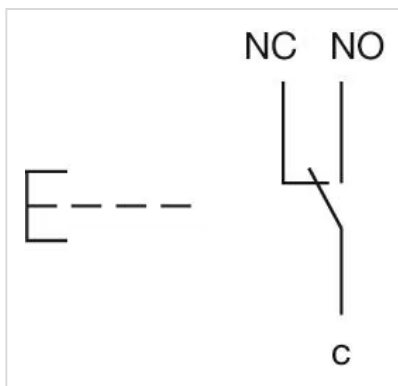
Short Description:

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

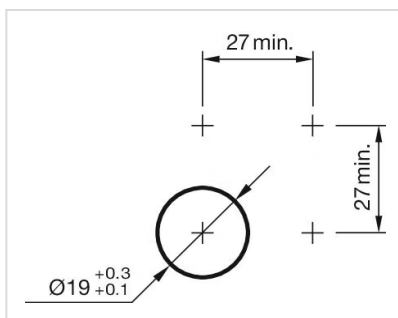
Component layouts:



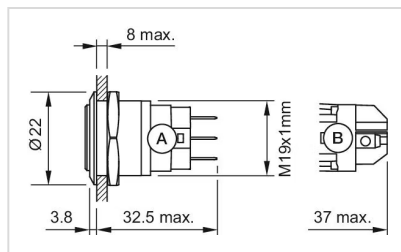
Wiring diagrams:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal