

Pushbutton Ø 19 mm silver contact

82-5151.1000



<https://eao.com/p/82-5151.1000>

Your product:



82-5151.1000 Pushbutton Ø 19 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Pollution degree:	2, according to EN IEC 60947-1
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 Ue:	250 VAC
Thermal current Ith:	5 A
Rated insulation voltage Ui:	250 V
Contacts:	1 C
Electrical lifetime:	50 000 cycles of operation
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground

MECHANICAL CHARACTERISTIC

Contact material:	Silver
Operating Travel:	ca. 3 mm
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Tightening torque:	0.5 ... 0.6 Nm
Mechanical lifetime:	1 Mio. cycles of operation
Switching system:	Snap-action switching element
Weight:	0.018 kg
Operating force:	4 N ... 7 N
Switching action:	Momentary

AMBIENT CONDITION

Operating temperature:	- 30 °C ... + 70 °C
IP front protection:	IP65, IP67
Storage temperature:	

- 40 °C ... + 80 °C

Climate resistance: Damp heat, 21 days according to IEC 60512-11

Vibration resistance: 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

Shock resistance: Max. 500 m / s² as per IEC 60068-2-27

CERTIFICATE

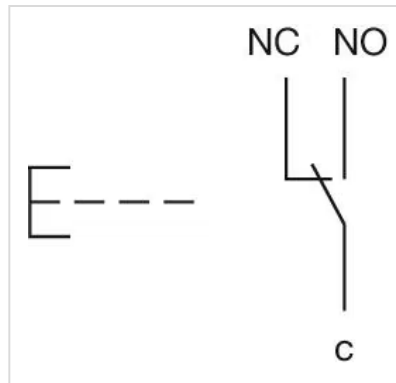
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

Approbations: CB, CCC, C UL, UL

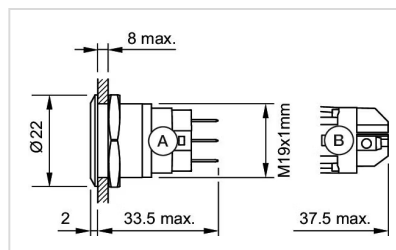
OTHER

Short Description: Pushbutton Ø 19 mm silver contact, Momentary, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Silver

Wiring diagrams:

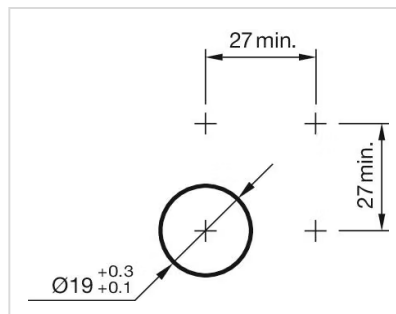


Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:



Component layouts:

