

Pushbutton Ø 19 mm silver contact

82-5552.2000



<https://eao.com/p/82-5552.2000>

Your product:



82-5552.2000

Pushbutton Ø 19 mm silver contact

FRONT

Front bezel shape:	flush
Front bezel material:	Aluminium

MOUNTING

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

Lens optics:	opaque
Lens colour:	Nature
Lens illumination:	non illuminative
Lens shape:	flush
Lens material:	Aluminium

ELECTRICAL CHARACTERISTICS

Rated Operational Voltage U_e :	250 VAC
Thermal current I_{th} :	5 A
Rated insulation voltage U_i :	250 V
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

Contacts:

1 C

Electric strength:

1500 VAC, 50 Hz 1 minute between life terminals and ground

Electrical lifetime:

50 000 cycles of operation

Pollution degree:

2, according to EN IEC 60947-1

MECHANICAL CHARACTERISTIC

Terminal:

Screw terminal

Operating Travel:

ca. 3 mm

Tightening torque:

0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

Contact material:

Silver

Switching action:

Maintained

Mechanical lifetime:

500 000 cycles of operation

Switching system:

Snap-action switching element

Weight:

0.018 kg

Operating force:

4 N ... 7 N

AMBIENT CONDITION

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

Climate resistance:

Damp heat, 21 days according to IEC 60512-11

Operating temperature:

– 30 °C ... + 70 °C

Storage temperature:

– 40 °C ... + 80 °C

CERTIFICATE

Approbations:

CB, CCC, C UL, UL

Conformities:

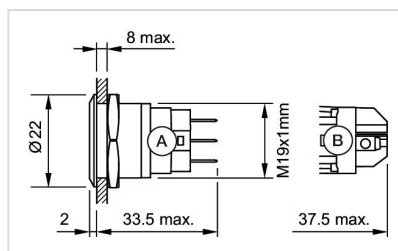
CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

Short Description:

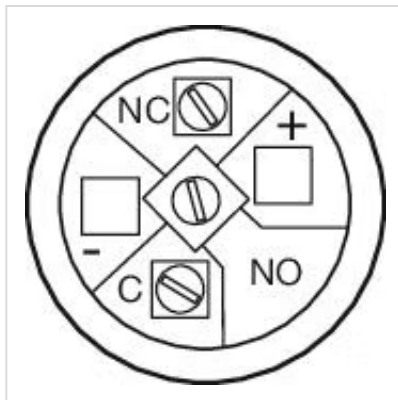
Pushbutton Ø 19 mm silver contact, Maintained, 1 C, Screw terminal, Aluminium, Nature

Dimension drawings:

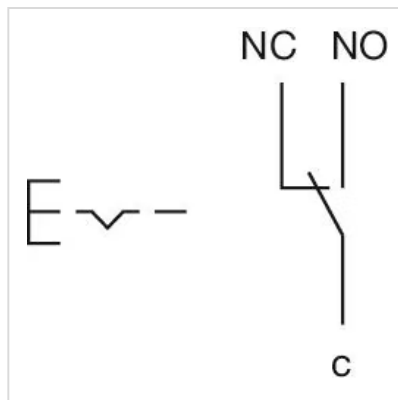


A = Solder terminal
B = Screw terminal

Component layouts:



Wiring diagrams:



Mounting cut-outs:

