

Pushbutton Ø 19 mm silver contact

82-5561.2000



<https://eao.com/p/82-5561.2000>

Your product:



82-5561.2000

Pushbutton Ø 19 mm silver contact

FRONT

Front bezel material: Aluminium

Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 19 mm

OPERATING-/INDICATION PART

Lens colour: Nature

Lens illumination: non illuminative

Lens optics: opaque

Lens shape: raised

Lens material: Aluminium

ELECTRICAL CHARACTERISTICS

Contacts: 1 C

Pollution degree: 2, according to EN IEC 60947-1

Thermal current I_{th}: 5 A

Rated insulation voltage U_i: 250 V

Rated Operational Voltage U_e: 250 VAC

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 version) |
| 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 version) |
| 110 VDC | 0.2 A |
| 220 VDC | 0.1 A |

| | |
|---------------------------------------|---------|
| according to UL 508 (Silver contacts) | |
| cosφ 0,75 ... 0,8 | |
| Voltage | Current |
| 120 VAC | 5 A |
| 240 VAC | 3 A |
| 24 VAC | 1 A |

| | |
|-----------------------------|--|
| Electric strength: | 1500 VAC, 50 Hz 1 minute between life terminals and ground |
| Electrical lifetime: | 50 000 cycles of operation |

MECHANICAL CHARATERISTIC

| | |
|-----------------------------|----------------------------------|
| Contact material: | Silver |
| Switching action: | Maintained |
| Switching system: | Snap-action switching element |
| Operating Travel: | ca. 3 mm |
| Tightening torque: | 0.5 ... 0.6 Nm |
| Operating force: | 4 N ... 7 N |
| Terminal: | Soldering terminal, 2.8 x 0.5 mm |
| Weight: | 0.02 kg |
| Mechanical lifetime: | 500 000 cycles of operation |

AMBIENT CONDITION

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

CERTIFICATE

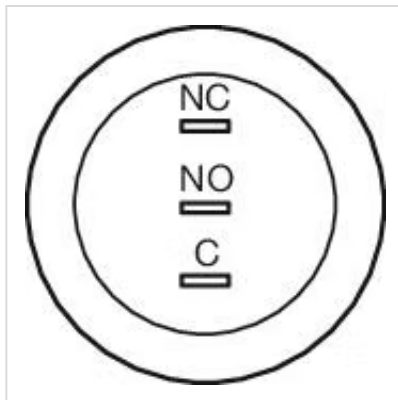
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

Approbations: CB, CCC, C UL, UL

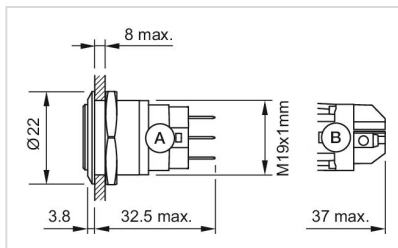
OTHER

Short Description: Pushbutton Ø 19 mm silver contact, Maintained, 1 C, Soldering terminal, 2.8 x 0.5 mm, Aluminium, Nature

Component layouts:

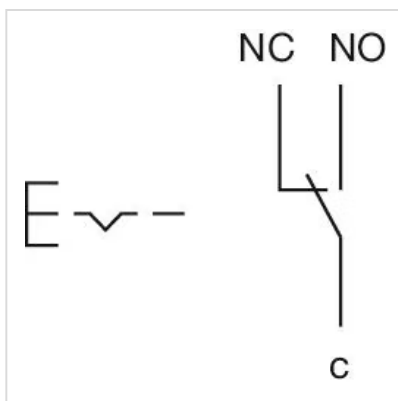


Dimension drawings:



A = Solder terminal
B = Screw terminal

Wiring diagrams:



Mounting cut-outs:

