

## Pushbutton Ø 19 mm silver contact

82-5151.1000.B002



<https://eao.com/p/82-5151.1000.B002>

Your product:

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82-5151.1000.B002

Pushbutton Ø 19 mm silver contact

#### FRONT

|                       |                 |
|-----------------------|-----------------|
| Front bezel shape:    | flush           |
| Front bezel material: | Stainless steel |

#### MOUNTING

|                   |         |
|-------------------|---------|
| Mounting cut-out: | Ø 19 mm |
|-------------------|---------|

#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

|                                          |                                                            |
|------------------------------------------|------------------------------------------------------------|
| Rated insulation voltage $U_i$ :         | 250 V                                                      |
| Electric strength:                       | 1500 VAC, 50 Hz 1 minute between life terminals and ground |
| Thermal current $I_{th}$ :               | 5 A                                                        |
| 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     |

|                             |                                |
|-----------------------------|--------------------------------|
| <b>Pollution degree:</b>    | 2, according to EN IEC 60947-1 |
| <b>Electrical lifetime:</b> | 50 000 cycles of operation     |

## MECHANICAL CHARATERISTIC

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

## AMBIENT CONDITION

|                               |                                                                |
|-------------------------------|----------------------------------------------------------------|
| <b>Storage temperature:</b>   | – 40 °C ... + 80 °C                                            |
| <b>Vibration resistance:</b>  | 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6 |
| <b>Climate resistance:</b>    | Damp heat, 21 days according to IEC 60512-11                   |
| <b>Shock resistance:</b>      | Max. 500 m / s² as per IEC 60068-2-27                          |
| <b>Operating temperature:</b> | – 30 °C ... + 70 °C                                            |

## CERTIFICATE

### Approbations:

CB, CCC, C UL, UL

### Conformities:

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

## OTHER

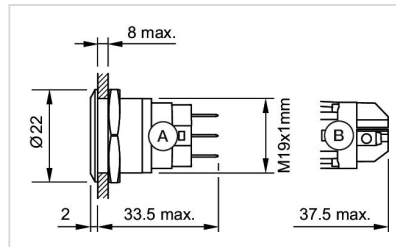
### Symbol:

Standby

### Short Description:

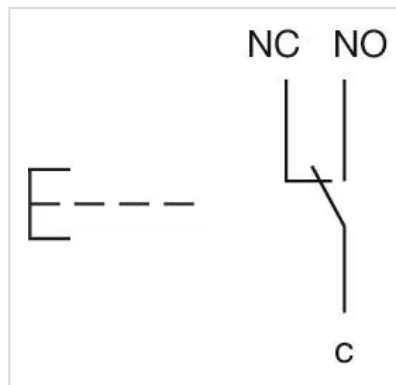
Pushbutton Ø 19 mm silver contact, Momentary, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Standby, Silver

### Dimension drawings:

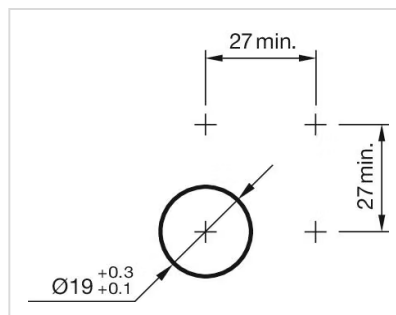


A = Solder terminal  
B = Screw terminal

### Wiring diagrams:



### Mounting cut-outs:



### Component layouts:

