

# Illuminated push button Ø 19 mm silver contact

Distribution by  
Mouser



82-5152.1134.B002



<https://mouser.eao.com/component/82-5152.1134...>

Your product:

---



## 82-5152.1134.B002 Illuminated push button Ø 19 mm silver contact

*Loading . . .*

### FRONT

|                              |                 |
|------------------------------|-----------------|
| <b>Front dimension:</b>      | Ø 22 mm         |
| <b>Front form:</b>           | Round           |
| <b>Front bezel material:</b> | Stainless steel |
| <b>Front bezel shape:</b>    | Flush           |

### MOUNTING

|                          |                |
|--------------------------|----------------|
| <b>Mounting cut-out:</b> | Ø 19 mm        |
| <b>Mounting type:</b>    | Panel mounting |

### OPERATING-/INDICATION PART

|                               |                 |
|-------------------------------|-----------------|
| <b>Lens colour:</b>           | Silver          |
| <b>Lens material:</b>         | Stainless steel |
| <b>Lens illumination:</b>     | Illuminated     |
| <b>Lens shape:</b>            | Flush           |
| <b>Lens optics:</b>           | opaque          |
| <b>Symbol:</b>                | Standby         |
| <b>Illumination colour:</b>   | Green           |
| <b>Shape of illumination:</b> | Ring            |

### ELECTRICAL CHARACTERISTICS

**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

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

1 A

1 A (M12 version)

1 A

0.5 A

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

|  |  |
|--|--|
| <b>Contacts:</b>                           | 1 C  |
| <b>Operating voltage:</b>                  | 24 V DC  |
| <b>Operation current:</b>                  | 7 mA   |
| <b>Rated Operational Voltage Ue:</b>       | 250 VAC  |
| <b>Rated insulation voltage Ui:</b>        | 250 V  |
| <b>Short circuit protective device:</b>    | fuse / 500 V / 5 A / gG                                    |
| <b>Rated short-circuit current caused:</b> | AC: 1 kA<br>DC: 1 kA                                       |
| <b>Switching rating:</b>                   | 240 V  |
| <b>Electrical lifetime:</b>                | 50 000 cycles of operation                                 |
| <b>Electric strength:</b>                  | 1500 VAC, 50 Hz 1 minute between life terminals and ground |
| <b>Pollution degree:</b>                   | 2, according to EN IEC 60947-1                             |
| <b>Thermal current Ith:</b>                | 5 A  |

## MECHANICAL CHARACTERISTICS

|                             |                               |
|-----------------------------|-------------------------------|
| <b>Terminal:</b>            | Screw terminal                |
| <b>Contact material:</b>    | Silver                        |
| <b>Switching action:</b>    | Momentary                     |
| <b>Switching system:</b>    | Snap-action switching element |
| <b>Mechanical lifetime:</b> | 1 Mil. cycles of operation    |
| <b>Operating force:</b>     | 4 N ... 7 N                   |
| <b>Operating Travel:</b>    | ca. 3 mm                      |

**Tightening torque:** 0.5 ... 0.6 Nm, Screw terminal 0.1 Nm  
**Weight:** 0.018 kg

### AMBIENT CONDITION

**IP front protection:** IP65, IP67  
**Operating temperature:** - 30 °C ... + 70 °C  
**Storage temperature:** - 40 °C ... + 80 °C  
**Shock resistance:** Max. 500 m / s<sup>2</sup> as per IEC 60068-2-27  
**Vibration resistance:** 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6  
**Climate resistance:** Damp heat, 21 days according to IEC 60512-11

### CERTIFICATE

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

### OTHER

**Short Description:** Illuminated push button Ø 19 mm silver contact, Momentary, 240 V, 24 V DC, 1 C, Screw terminal, Round, Stainless steel, Green, Standby, Silver  
**Kind of illumination:** Single-LED  
**Housing size:** 19 mm  
**Wiring diagrams:**



**Component layouts:**



**Mounting cut-outs:**



**Dimension drawings:**



A = Solder terminal  
 B = Screw terminal