

# Illuminated pushbutton Ø 22 mm stainless steel 304, with symbol

82-6151.1AA4.B006



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Illuminated pushbutton Ø 22 mm  
stainless steel 304, with symbol

#### FRONT

|                              |                 |
|------------------------------|-----------------|
| <b>Front dimension:</b>      | Ø 25 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 22 mm        |
| <b>Mounting type:</b>    | Panel mounting |

#### OPERATING-/INDICATION PART

|                               |                   |
|-------------------------------|-------------------|
| <b>Lens colour:</b>           | Silver            |
| <b>Lens material:</b>         | Plastic metalised |
| <b>Lens illumination:</b>     | illuminative      |
| <b>Lens shape:</b>            | flush             |
| <b>Lens optics:</b>           | opaque            |
| <b>Symbol:</b>                | Door open         |
| <b>Illumination colour:</b>   | Red/Green         |
| <b>Shape of illumination:</b> | Symbol            |

#### ELECTRICAL CHARACTERISTICS

|                           |         |
|---------------------------|---------|
| <b>Contacts:</b>          | 1 C     |
| <b>Operating voltage:</b> | 24 V DC |

|   |   |                 |
|---|---|-----------------|
| <b>Operation current:</b>                       | 7 mA  |                 |
| <b>Switching voltage and switching current:</b> | according to IEC 60947-5-1 (Silver contacts)<br>Service categorie AC-15 |                 |
|   | Voltage   | Current         |
|   | 24 VAC  | 1 A             |
|   | 35 VAC  | 1 A (M12 versio |
|   | 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 vers |
|   | 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>Rated Operational Voltage Ue:</b> | 250 VAC  |
| <b>Rated insulation voltage Ui:</b>  | 250 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 CHARACTERISTIC

|                             |                                  |
|-----------------------------|----------------------------------|
| <b>Terminal:</b>            | Soldering terminal, 2.8 x 0.5 mm |
| <b>Contact material:</b>    | Silver                           |
| <b>Switching action:</b>    | Momentary                        |
| <b>Switching system:</b>    | Snap-action switching element    |
| <b>Mechanical lifetime:</b> | 1 Mio. cycles of operation       |
| <b>Operating force:</b>     | 4 N ... 7 N                      |
| <b>Operating Travel:</b>    | ca. 3 mm                         |
| <b>Tightening torque:</b>   | 0.5 ... 0.6 Nm                   |
| <b>Weight:</b>              | 0.025 kg                         |

## AMBIENT CONDITION

|                               |            |
|-------------------------------|------------|
| <b>IP front protection:</b>   | IP65, IP67 |
| <b>Operating temperature:</b> |            |

- 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

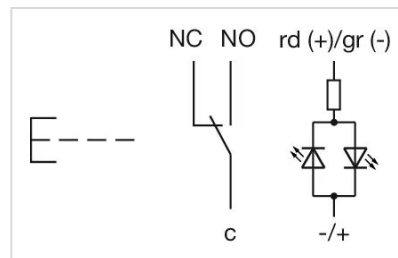
**Short Description:**

Illuminated pushbutton Ø 22 mm stainless steel 304, with symbol, Momentary, 24 V DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Red/Green, Door open, Silver

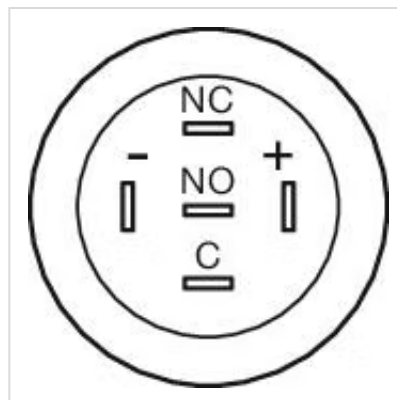
**Kind of illumination:**

Bi-colour-LED

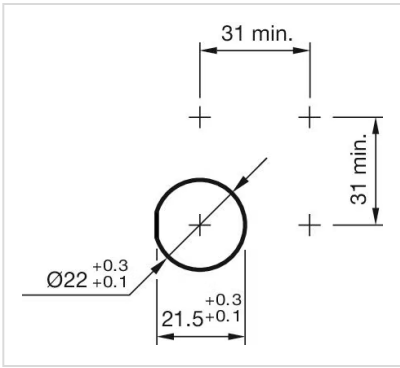
**Wiring diagrams:**



**Component layouts:**



**Mounting cut-outs:**



Dimension drawings:

