

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

82-6151.1A24.B006



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Your product:

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82-6151.1A24.B006  
Illuminated pushbutton Ø 22 mm  
stainless steel 304, with symbol

#### FRONT

<b>Front bezel shape:</b>	flush
<b>Front bezel material:</b>	Stainless steel

#### MOUNTING

<b>Mounting cut-out:</b>	Ø 22 mm
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#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

<b>Rated insulation voltage Ui:</b>	250 V
<b>Thermal current Ith:</b>	5 A
<b>Operating voltage:</b>	24 V DC
<b>Contacts:</b>	1 C
<b>Switching voltage and switching current:</b>	

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)

$\cos\phi$  0,75 ... 0,8

Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

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

**Rated Operational Voltage Ue:** 250 VAC

**Electric strength:** 1500 VAC, 50 Hz 1 minute between life terminals and ground

**Electrical lifetime:** 50 000 cycles of operation

## MECHANICAL CHARATERISTIC

**Mechanical lifetime:** 1 Mio. cycles of operation

**Contact material:** Silver

**Tightening torque:** 0.5 ... 0.6 Nm

**Switching action:** Momentary

**Operating force:** 4 N ... 7 N

**Switching system:** Snap-action switching element

**Weight:** 0.025 kg

**Operating Travel:** ca. 3 mm

**Terminal:** Soldering terminal, 2.8 x 0.5 mm

## AMBIENT CONDITION

**Storage temperature:** - 40 °C ... + 80 °C

**Operating temperature:** - 30 °C ... + 70 °C

**Climate resistance:** Damp heat, 21 days according to IEC 60512-11

**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

**IP front protection:**

IP65, IP67

## CERTIFICATE

**Conformities:**

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

**Approbations:**

CB, CCC, C UL, UL

## OTHER

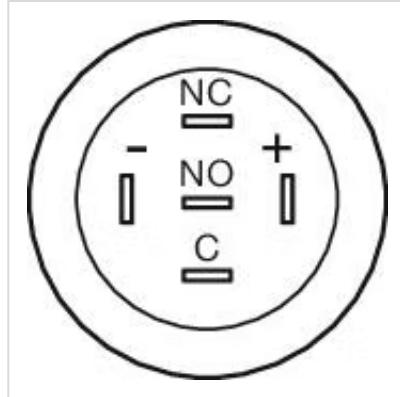
**Kind of illumination:**

Single-LED

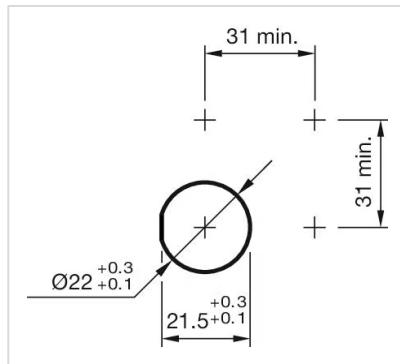
**Short Description:**

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

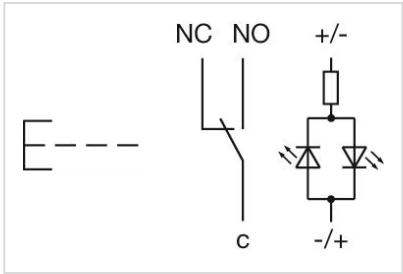
**Component layouts:**



**Mounting cut-outs:**



**Wiring diagrams:**



Dimension drawings:

