

Illuminated pushbutton Ø 22 mm stainless steel 304, with symbol

82-6151.2AA4.B001



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Your product:

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Illuminated pushbutton Ø 22 mm  
stainless steel 304, with symbol

#### FRONT

Front bezel shape:	flush
Front dimension:	Ø 25 mm
Front bezel material:	Stainless steel
Front form:	round

#### MOUNTING

Mounting cut-out:	Ø 22 mm
Mounting type:	Panel mounting

#### OPERATING-/INDICATION PART

Illumination colour:	Red/Green
Symbol:	ON/OFF
Shape of illumination:	Symbol
Lens shape:	flush
Lens illumination:	illuminative
Lens colour:	Silver
Lens material:	Plastic metalised
Lens optics:	opaque

#### ELECTRICAL CHARACTERISTICS

Operating voltage:	24 V DC
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground

<b>Rated Operational Voltage Ue:</b>	250 VAC
<b>Operation current:</b>	7 mA
<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 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) $\cos\phi$ 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
<b>Contacts:</b>	1 C
<b>Rated insulation voltage Ui:</b>	250 V
<b>Thermal current Ith:</b>	5 A

### MECHANICAL CHARACTERISTIC

<b>Contact material:</b>	Silver
<b>Terminal:</b>	Soldering terminal, 2.8 x 0.5 mm
<b>Weight:</b>	0.025 kg
<b>Operating Travel:</b>	ca. 3 mm
<b>Mechanical lifetime:</b>	500 000 cycles of operation
<b>Operating force:</b>	4 N ... 7 N
<b>Tightening torque:</b>	0.5 ... 0.6 Nm
<b>Switching action:</b>	Maintained
<b>Switching system:</b>	Snap-action switching element

### AMBIENT CONDITION

<b>Storage temperature:</b>	- 40 °C ... + 80 °C
<b>Operating temperature:</b>	

– 30 °C ... + 70 °C

**Vibration resistance:** 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

**IP front protection:** IP65, IP67

**Shock resistance:** Max. 500 m / s<sup>2</sup> as per IEC 60068-2-27

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

## CERTIFICATE

**Approbations:** CB, CCC, C UL, UL

**RoHS:** RoHS compliant

**REACH:** REACH compliant

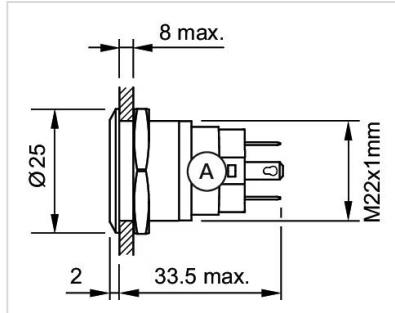
**Conformities:** CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

## OTHER

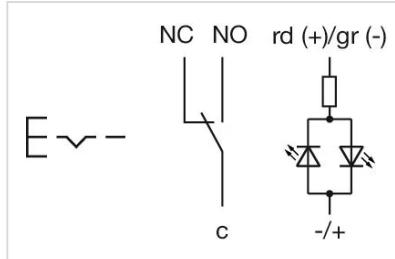
**Short Description:** Illuminated pushbutton Ø 22 mm stainless steel 304, with symbol, Maintained, 24 V DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Red/Green, ON/OFF, Silver

**Kind of illumination:** Bi-colour-LED

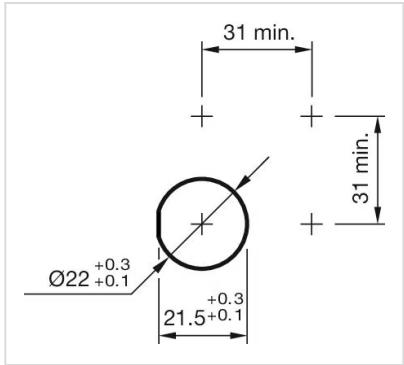
**Dimension drawings:**



**Wiring diagrams:**



**Mounting cut-outs:**



**Component layouts:**

