

Illuminated pushbutton Ø 22 mm stainless steel 304, with symbol

82-6151.1A14.B002



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Illuminated pushbutton Ø 22 mm  
stainless steel 304, with symbol

#### FRONT

**Front bezel material:** Stainless steel

#### MOUNTING

**Mounting cut-out:** Ø 22 mm

#### OPERATING-/INDICATION PART

**Illumination colour:** Red

**Lens colour:** Silver

**Lens optics:** opaque

**Shape of illumination:** Symbol

**Lens illumination:** illuminative

**Lens shape:** flush

**Lens material:** Plastic metalised

#### ELECTRICAL CHARACTERISTICS

**Thermal current Ith:** 5 A

**Operating voltage:** 24 V DC

**Rated Operational Voltage Ue:** 250 VAC

**Contacts:** 1 C

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

**Rated insulation voltage Ui:** 250 V

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

<b>Electric strength:</b>	1500 VAC, 50 Hz 1 minute between life terminals and ground		
<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		

## MECHANICAL CHARACTERISTIC

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

## AMBIENT CONDITION

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

## CERTIFICATE

**Approbations:**

CB, CCC, C UL, UL

**Conformities:**

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

**OTHER****Symbol:**

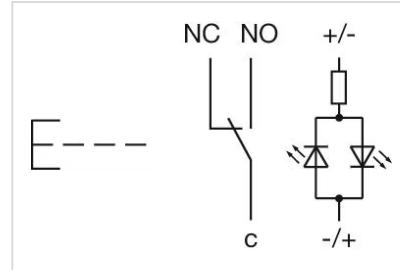
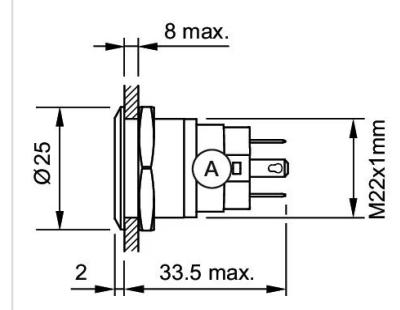
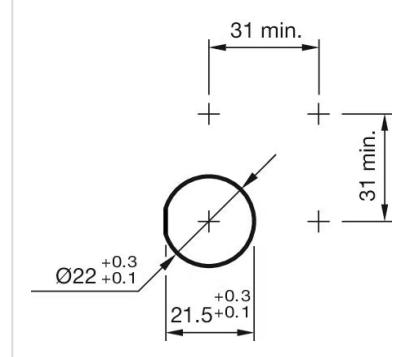
Standby

**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, Red, Standby, Silver

**Wiring diagrams:****Dimension drawings:****Mounting cut-outs:****Component layouts:**

