

# Illuminated pushbutton $\emptyset$ 22 mm stainless steel 316L

82-6651.1114







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#### **FRONT**

Front dimension: Ø 25 mm

Front form: Round

Front bezel material: Stainless steel 316L

Front bezel shape: Flush

#### **MOUNTING**

Mounting cut-out: Ø 22 mm

Mounting type: Panel mounting

### **OPERATING-/INDICATION PART**

Lens colour: Silver

**Lens material:** Stainless steel 316L

Lens illumination: Illuminated

Lens shape: Flush

**Lens optics:** opaque

Illumination colour: Red

Shape of illumination: Ring (Tritan)

#### **ELECTRICAL CHARACTERISTICS**

Switching voltage and switching current:

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

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

Contacts: 1 C

**Operating voltage:** 24 V DC (LED)

**Operation current:** 7 mA

Rated Operational Voltage Ue: 250 VAC

Rated insulation voltage Ui: 250 V

**Switching rating:** 36 V AC/DC @ 0,6 A

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

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

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

Thermal current Ith: 5 A

#### **MECHANICAL CHARACTERISTICS**

**Terminal:** Plug-in terminal, 2.8 x 0.5 mm

Contact material: Silver

**Switching action:** Momentary

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

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

**Operating force:**  $4 \text{ N} \dots 7 \text{ N}$ 

**Operating Travel:** ca. 3 mm

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

**Weight:** 0.026 kg

## **AMBIENT CONDITION**

IP front protection: IP65, IP67

**Operating temperature:**  $-30 \, ^{\circ}\text{C} \, ... + 70 \, ^{\circ}\text{C}$ 

Storage temperature:  $-40 \,^{\circ}\text{C} \dots + 80 \,^{\circ}\text{C}$ 

**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

**C**E, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

**REACH:** REACH compliant

RoHS: RoHS compliant

**OTHER** 

Short Description: Illuminated pushbutton Ø 22 mm stainless steel 316L, Momentary, 36 V AC/DC @

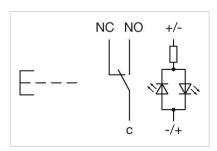
0,6 A, 24 V DC (LED), 1 C, Plug-in terminal, 2.8 x 0.5 mm, Round, Stainless steel

316L, Red, Silver

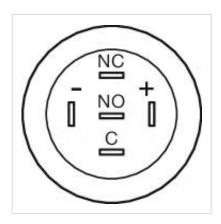
Kind of illlumination: Single-LED

Hints: Switching voltage: max. 36 V AC/1A, max. 36 V DC/0.6

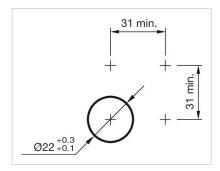
Wiring diagrams:



**Component layouts:** 



Mounting cut-outs:



# Dimension drawings:

