

# Illuminated pushbutton $\emptyset$ 22 mm silver contact

82-6151.1133.B002







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Front bezel material: Stainless steel

Front bezel shape: flush

#### **MOUNTING**

Mounting cut-out: Ø 22 mm

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

Lens optics: opaque

Shape of illumination: Ring

Lens illumination: illuminative

Illumination colour: Green

Lens material: Stainless steel

Lens colour: Silver

Lens shape: flush

Symbol: Standby

#### **ELECTRICAL CHARACTERISTICS**

Thermal current Ith: 5 A

Rated Operational Voltage Ue: 250 VAC

Operating voltage: 12 V AC/DC

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

Switching voltage and switching

current:

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)

 $\cos \phi \ 0.75 \dots 0.8$ 

 Voltage
 Current

 120 VAC
 5 A

 240 VAC
 3 A

 24 VAC
 1 A

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

Contacts: 1 C

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

Rated insulation voltage Ui: 250 V

#### **MECHANICAL CHARATERISTIC**

Switching action: Momentary

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

Contact material: Silver

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

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

**Weight:** 0.018 kg

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

Operating Travel: ca. 3 mm

Switching system: Snap-action switching element

#### **AMBIENT CONDITION**

**Shock resistance:** Max.  $500 \text{ m} / \text{s}^2$  as per IEC 60068-2-27

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

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

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

Climate resistance:

IP front protection: IP65, IP67

#### **CERTIFICATE**

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

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

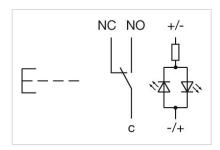
#### **OTHER**

**Short Description:** Illuminated pushbutton Ø 22 mm silver contact, Momentary, 12 V AC/DC, 1 C,

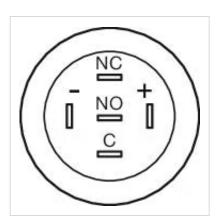
Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Green, Standby, Silver

Kind of illlumination: Single-LED

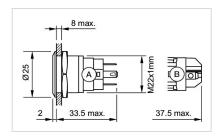
Wiring diagrams:



**Component layouts:** 



**Dimension drawings:** 



A = Solder terminal B = Screw terminal

### Mounting cut-outs:

