Pushbutton Ø 22 mm silver contact

82-6151.1000.B001

Your product:

82-6151.1000.B001
Pushbutton Ø 22 mm silver contact

FRONT

Front dimension: Ø 25 mm

Front bezel material: Stainless steel

Front bezel shape: flush

Front form: round

MOUNTING

Mounting cut-out: Ø 22 mm

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens optics: opaque

Lens illumination: non illuminative

Lens material: Stainless steel

Lens shape: flush

Lens colour: Silver

Symbol: ON/OFF

ELECTRICAL CHARACTERISTICS

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

Thermal current Ith: 5 A

Rated Operational Voltage Ue: 250 VAC

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)
cosφ 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 insulation voltage Ui: 250 V

Contacts: 1 C

Electrical lifetime: 50 000 cycles of operation

MECHANICAL CHARATERISTIC

Mechanical lifetime: 1 Mio. cycles of operation

Switching system: Snap-action switching element

Switching action: Momentary

Tightening torque: 0.5 … 0.6 Nm

Contact material: Silver

Weight: 0.018 kg

Operating force: 4 N … 7 N

Operating Travel: ca. 3 mm

Terminal: Soldering terminal, 2.8 x 0.5 mm

AMBIENT CONDITION

Shock resistance: Max. 500 m / s^2 as per IEC 60068-2-27

IP front protection: IP65, IP67

Storage temperature: − 40 °C … + 80 °C

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

Operating temperature:

– 30 °C ... + 70 °C

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

CERTIFICATE

REACH: REACH compliant

RoHS: RoHS compliant

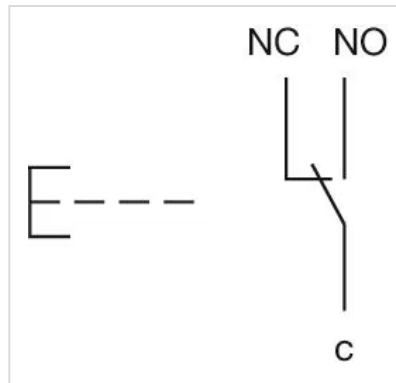**Conformities:**   CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

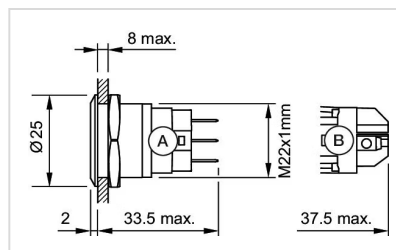**Approbations:**   CB, CCC, C UL, UL

OTHER

Short Description: Pushbutton Ø 22 mm silver contact, Momentary, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, ON/OFF, Silver
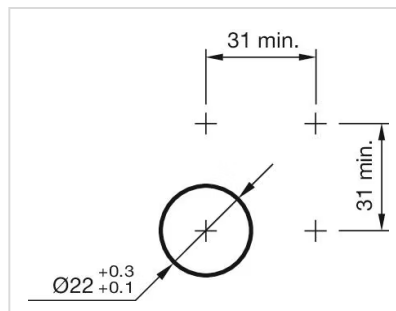
Wiring diagrams:

Dimension drawings:

A = Solder terminal
B = Screw terminal

Mounting cut-outs:

Component layouts: