Illuminated pushbutton Ø 22 mm silver contact

82-6552.2113

Your product:

82-6552.2113
Illuminated pushbutton Ø
22 mm silver contact

FRONT

Front bezel shape: flush

Front bezel material: Aluminium

MOUNTING

Mounting cut-out: Ø 22 mm

OPERATING-/INDICATION PART

Lens illumination: illuminative

Shape of illumination: Ring

Lens optics: opaque

Lens shape: flush

Illumination colour: Red

Lens colour: Nature

Lens material: Aluminium

ELECTRICAL CHARACTERISTICS

Rated insulation voltage Ui: 250 V

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

Contacts: 1 C

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

Operating voltage: 12 V AC/DC

Electrical lifetime: 50 000 cycles of operation

Thermal current Ith: 5 A

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 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)
cosφ 0,75 ... 0,8

Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

Rated Operational Voltage Ue: 250 VAC

MECHANICAL CHARATERISTIC

Operating Travel: ca. 3 mm

Mechanical lifetime: 500 000 cycles of operation

Contact material: Silver

Operating force: 4 N ... 7 N

Terminal: Screw terminal

Tightening torque: 0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

Weight: 0.018 kg

Switching system: Snap-action switching element

Switching action: Maintained

AMBIENT CONDITION

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

Storage temperature: – 40 °C ... + 80 °C

Operating temperature: – 30 °C ... + 70 °C

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

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

Approbations: CB, CCC, C UL, UL
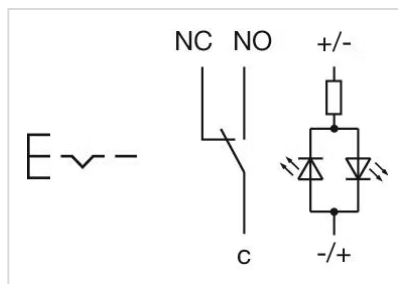
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
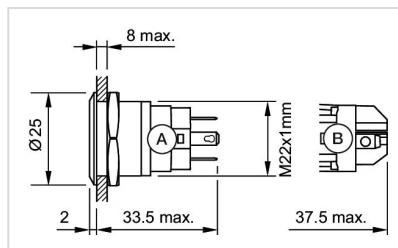
OTHER

Kind of illlumination: Single-LED

Short Description: Illuminated pushbutton Ø 22 mm silver contact, Maintained, 12 V AC/DC, 1 C, Screw terminal, Aluminium, Red, Nature
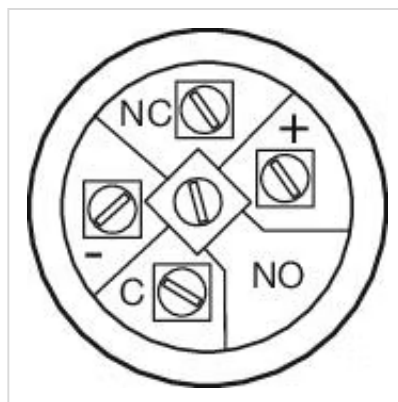
Wiring diagrams:

Dimension drawings:

A = Solder terminal
B = Screw terminal

Component layouts:

Mounting cut-outs:

31 min.

31 min.

Ø22 +0.3 +0.1