Illuminated pushbutton Ø 22 mm silver contact

82-6151.2124.B002

Your product:

82-6151.2124.B002 Illuminated 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

Symbol: Standby

Shape of illumination: Ring

Illumination colour: Blue

Lens illumination: illuminative

Lens colour: Silver

Lens shape: flush

Lens material: Stainless steel

ELECTRICAL CHARACTERISTICS

Contacts: 1 C

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

| **Rated insulation voltage Ui:** | 250 V |

| **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 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

| **Operation current:** | 7 mA |

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

| **Thermal current Ith:** | 5 A |

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

| **Operating voltage:** | 24 V AC/DC |

MECHANICAL CHARATERISTIC

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

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

| **Contact material:** | Silver |

| **Switching action:** | Maintained |

| **Operating Travel:** | ca. 3 mm |

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

| **Mechanical lifetime:** | 500 000 cycles of operation |

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

| **Weight:** | 0.018 kg |

AMBIENT CONDITION

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

Vibration resistance:

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

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

IP front protection: IP65, IP67

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

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

CERTIFICATE

RoHS: RoHS compliant

Approbations: CB, CCC, C UL, UL

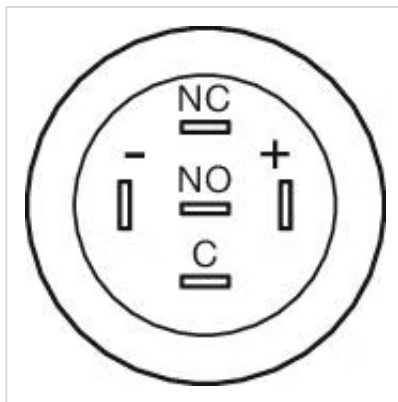**Conformities:**   CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

REACH: REACH compliant
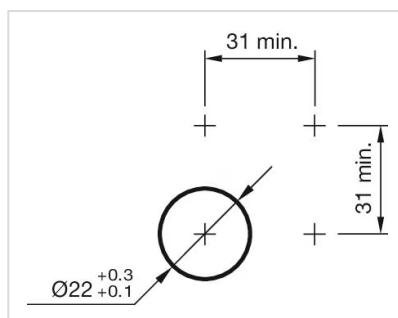
OTHER

Short Description: Illuminated pushbutton Ø 22 mm silver contact, Maintained, 24 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Blue, Standby, Silver
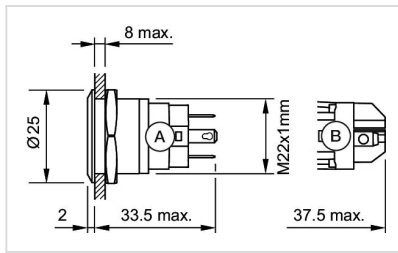
Kind of illlumination: Single-LED

Component layouts:

Mounting cut-outs:

Dimension drawings:

A = Solder terminal
B = Screw terminal

Wiring diagrams: