Illuminated pushbutton Ø 22 mm stainless steel 304, with symbol

82-6151.1A14.B001

Your product:

82-6151.1A14.B001
Illuminated pushbutton Ø 22 mm
stainless steel 304, with symbol

FRONT

Front bezel material: Stainless steel

Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 22 mm

OPERATING-/INDICATION PART

Illumination colour: Red

Symbol: ON/OFF

Lens material: Plastic metalised

Lens optics: opaque

Lens shape: flush

Lens colour: Silver

Shape of illumination: Symbol

Lens illumination: illuminative

ELECTRICAL CHARACTERISTICS

Operating voltage: 24 V DC

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

Rated insulation voltage Ui: 250 V

Rated Operational Voltage Ue: 250 VAC

Contacts: 1 C

Thermal current Ith:	5 A

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

Electrical lifetime:	50 000 cycles of operation

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

MECHANICAL CHARATERISTIC

Tightening torque:	0.5 ... 0.6 Nm

Switching system:	Snap-action switching element

Terminal:	Soldering terminal, 2.8 x 0.5 mm

Switching action:	Momentary

Operating force:	4 N ... 7 N

Contact material:	Silver

Mechanical lifetime:	1 Mio. cycles of operation

Operating Travel:	ca. 3 mm

Weight:	0.025 kg

AMBIENT CONDITION

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

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

IP front protection:	IP65, IP67

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

Shock resistance:	Max. 500 m / 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

CERTIFICATE

Approbations: CB, CCC, C UL, UL

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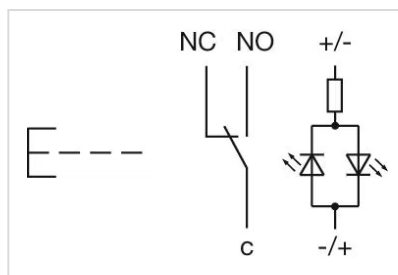
OTHER

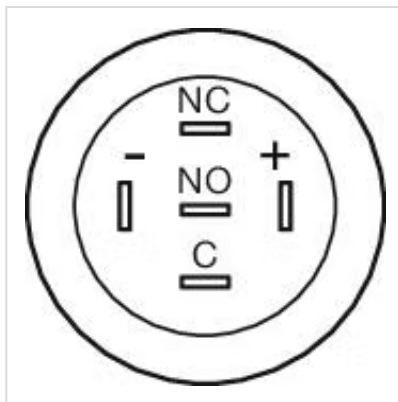**Kind of illlumination:**   Single-LED

Short Description: Illuminated pushbutton Ø 22 mm stainless steel 304, with symbol, Momentary, 24 V DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Red, ON/OFF, Silver
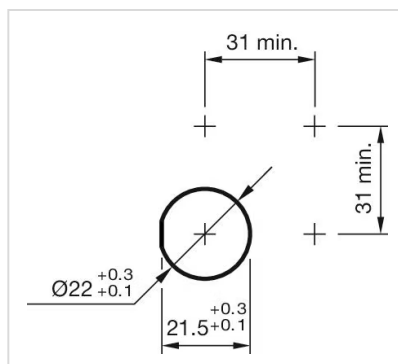
Wiring diagrams:

Component layouts:

Mounting cut-outs:

Dimension drawings: