Illuminated pushbutton Ø 22 mm stainless steel 304, with symbol

82-6151.1A54.B015

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FRONT

Front bezel material:	Stainless steel

MOUNTING

Mounting cut-out:	Ø 22 mm

OPERATING-/INDICATION PART

Shape of illumination:	Symbol
Lens colour:	Silver
Lens illumination:	illuminative
Lens shape:	flush
Lens material:	Plastic metalised
Lens optics:	opaque
Illumination colour:	White

ELECTRICAL CHARACTERISTICS

Operating voltage:	24 V DC
Rated insulation voltage Ui:	250 V
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

Rated Operational Voltage Ue: 250 VAC

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

Contacts: 1 C

Thermal current Ith: 5 A

Electrical lifetime: 50 000 cycles of operation

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

MECHANICAL CHARATERISTIC

Switching system: Snap-action switching element

Tightening torque: 0.5 … 0.6 Nm

Operating force: 4 N … 7 N

Mechanical lifetime: 1 Mio. cycles of operation

Operating Travel: ca. 3 mm

Switching action: Momentary

Weight: 0.025 kg

Terminal: Soldering terminal, 2.8 x 0.5 mm

Contact material: Silver

AMBIENT CONDITION

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

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

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

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

CERTIFICATE

Approbations: CB, CCC, C UL, UL

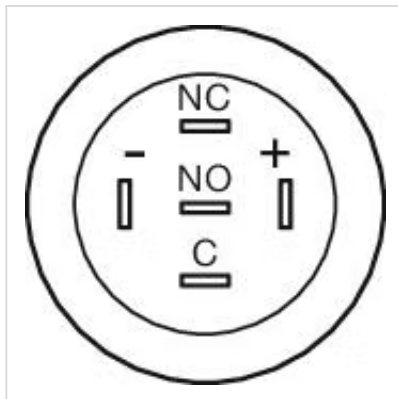**Conformities:** CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

Short Description: Illuminated pushbutton Ø 22 mm stainless steel 304, with symbol, Momentary, 24 V DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, White, SOS, Silver
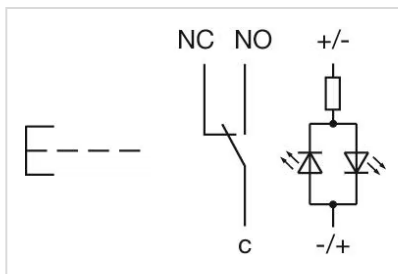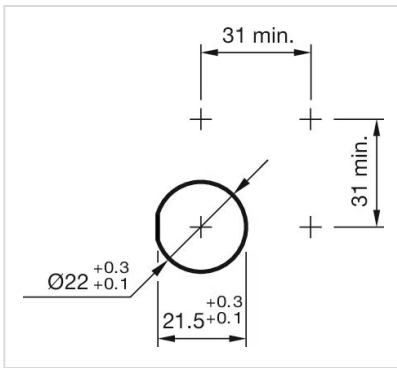
Kind of illlumination: Single-LED

Symbol: SOS

Component layouts:

Wiring diagrams:

Mounting cut-outs:

Dimension drawings: