

Illuminated pushbutton Ø 22 mm stainless steel 304, with symbol

82-6151.1A34.B001



<https://eao.com/p/82-6151.1A34.B001>

Your product:



82-6151.1A34.B001
Illuminated pushbutton Ø 22 mm
stainless steel 304, with symbol

FRONT

Front bezel material: Stainless steel

MOUNTING

Mounting cut-out: Ø 22 mm

OPERATING-/INDICATION PART

Lens shape: flush

Lens optics: opaque

Illumination colour: Green

Lens colour: Silver

Lens material: Plastic metalled

Shape of illumination: Symbol

Lens illumination: illuminative

ELECTRICAL CHARACTERISTICS

Contacts: 1 C

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)

$\cos\phi$ 0,75 ... 0,8

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

Operating voltage: 24 V DC

Electrical lifetime: 50 000 cycles of operation

Rated insulation voltage Ui: 250 V

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

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

MECHANICAL CHARACTERISTIC

Switching action: Momentary

Tightening torque: 0.5 ... 0.6 Nm

Operating force: 4 N ... 7 N

Mechanical lifetime: 1 Mio. cycles of operation

Switching system: Snap-action switching element

Weight: 0.025 kg

Contact material: Silver

Operating Travel: ca. 3 mm

Terminal: Soldering terminal, 2.8 x 0.5 mm

AMBIENT CONDITION

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

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

Shock resistance: Max. 500 m / s² as per IEC 60068-2-27

Operating temperature:

– 30 °C ... + 70 °C

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

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, Green, ON/OFF, Silver

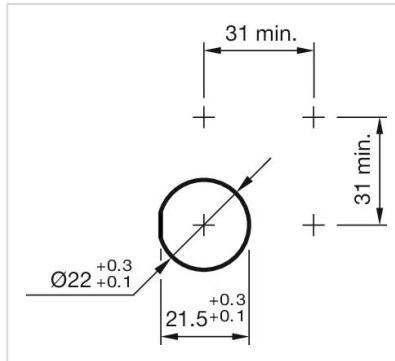
Symbol:

ON/OFF

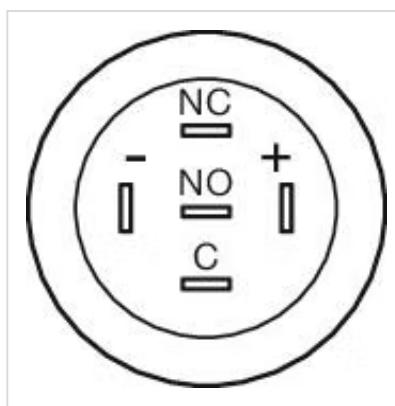
Kind of illumination:

Single-LED

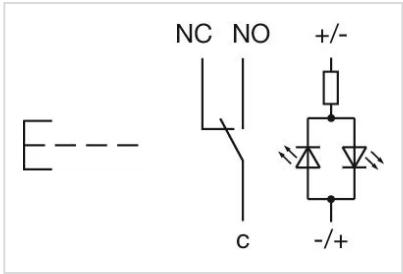
Mounting cut-outs:



Component layouts:



Wiring diagrams:



Dimension drawings:

