

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 metalised

Shape of illumination: Symbol

Lens illumination: illuminative

ELECTRICAL CHARACTERISTICS

Contacts: 1 C

Thermal current I_{th}: 5 A

Rated Operational Voltage U_e: 250 VAC

Switching voltage and switching current:

according to IEC 60947-5-1 (Silver contacts)

Service categorie AC-15

Voltage

24 VAC

35 VAC

110 VAC

220 VAC

Current

1 A

1 A (M12 version)

1 A

0.5 A

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

0.7 A

0.5 A (M12 version)

0.2 A

0.1 A

according to UL 508 (Silver contacts)

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

Voltage

120 VAC

240 VAC

24 VAC

Current

5 A

3 A

1 A

Operating voltage:	24 V DC
Electrical lifetime:	50 000 cycles of operation
Rated insulation voltage U_i:	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 / s ² 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

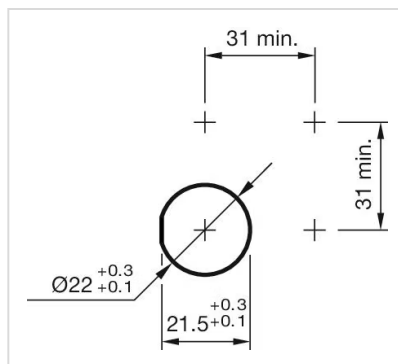
Symbol:

ON/OFF

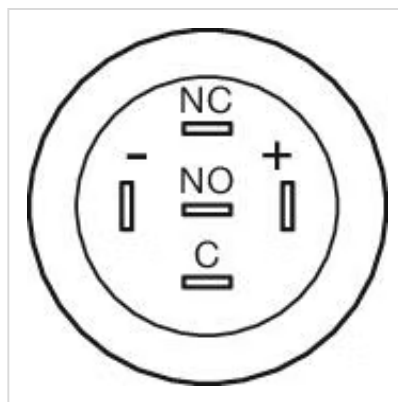
Kind of illumination:

Single-LED

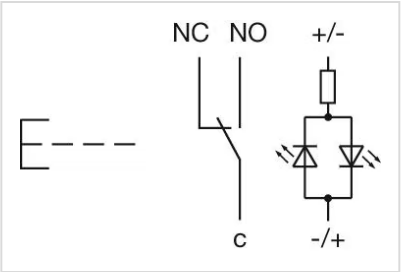
Mounting cut-outs:



Component layouts:



Wiring diagrams:



Dimension drawings:

