

Illuminated pushbutton Ø 19 mm silver contact

82-5151.1114.B001



<https://eao.com/p/82-5151.1114.B001>

Your product:



82-5151.1114.B001
Illuminated pushbutton Ø
19 mm silver contact

FRONT

Front bezel shape:	flush
Front bezel material:	Stainless steel

MOUNTING

Mounting cut-out:	Ø 19 mm
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OPERATING-/INDICATION PART

Illumination colour:	Red
Lens illumination:	illuminative
Lens material:	Stainless steel
Shape of illumination:	Ring
Lens colour:	Silver
Lens optics:	opaque
Lens shape:	flush

ELECTRICAL CHARACTERISTICS

Electrical lifetime:	50 000 cycles of operation
Thermal current I _{th} :	5 A
Pollution degree:	2, according to EN IEC 60947-1
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

Contacts:

1 C

Electric strength:

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

Operating voltage:

24 V DC

Rated insulation voltage U_i :

250 V

MECHANICAL CHARACTERISTIC

Tightening torque:

0.5 ... 0.6 Nm

Operating Travel:

ca. 3 mm

Weight:

0.018 kg

Operating force:

4 N ... 7 N

Contact material:

Silver

Terminal:

Soldering terminal, 2.8 x 0.5 mm

Mechanical lifetime:

1 Mio. cycles of operation

Switching action:

Momentary

Switching system:

Snap-action switching element

AMBIENT CONDITION

Climate resistance:

Damp heat, 21 days according to IEC 60512-11

Operating temperature:

- 30 °C ... + 70 °C

Vibration resistance:

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

Storage temperature:

- 40 °C ... + 80 °C

Shock resistance:

Max. 500 m / s² as per IEC 60068-2-27

CERTIFICATE

Approbations: CB, CCC, C UL, UL

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

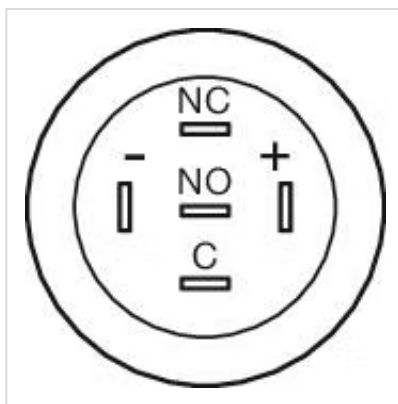
OTHER

Short Description: Illuminated pushbutton Ø 19 mm silver contact, Momentary, 24 V DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Red, ON/OFF, Silver

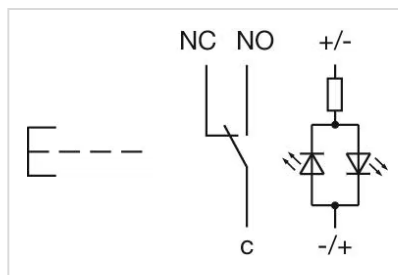
Symbol: ON/OFF

Kind of illumination: Single-LED

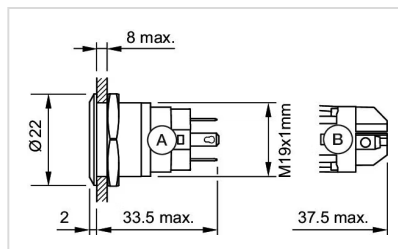
Component layouts:



Wiring diagrams:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:

