

Illuminated pushbutton Ø 19 mm silver contact

82-5151.1123.B002



<https://eao.com/p/82-5151.1123.B002>

Your product:



82-5151.1123.B002

Illuminated pushbutton Ø
19 mm silver contact

FRONT

Front bezel material: Stainless steel

Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 19 mm

OPERATING-/INDICATION PART

Lens illumination: illuminative

Shape of illumination: Ring

Lens shape: flush

Illumination colour: Blue

Lens optics: opaque

Lens colour: Silver

Lens material: Stainless steel

ELECTRICAL CHARACTERISTICS

Rated insulation voltage U_i : 250 V

Rated Operational Voltage U_e : 250 VAC

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

Thermal current I_{th} : 5 A

Operating voltage: 12 V AC/DC

Electrical lifetime: 50 000 cycles of operation

Contacts:	1 C		
Pollution degree:	2, according to EN IEC 60947-1		
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 Switch rating DC service categorie DC-13 (Silver contacts) Voltage 24 VDC 35 VDC 110 VDC 220 VDC		Current 1 A 1 A (M12 versio 1 A 0.5 A Current 0.7 A 0.5 A (M12 vers 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

MECHANICAL CHARACTERISTIC

Operating Travel:	ca. 3 mm
Weight:	0.018 kg
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Tightening torque:	0.5 ... 0.6 Nm
Operating force:	4 N ... 7 N
Mechanical lifetime:	1 Mio. cycles of operation
Contact material:	Silver
Switching system:	Snap-action switching element
Switching action:	Momentary

AMBIENT CONDITION

Operating temperature:	- 30 °C ... + 70 °C
Storage temperature:	- 40 °C ... + 80 °C
Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
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)

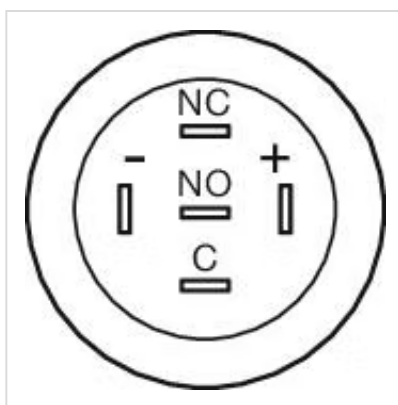
OTHER

Symbol: Standby

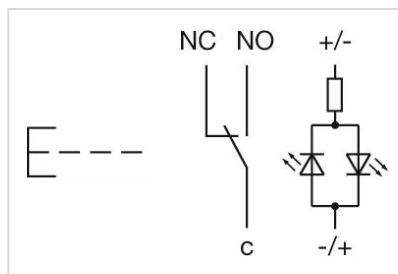
Short Description: Illuminated pushbutton Ø 19 mm silver contact, Momentary, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Blue, Standby, Silver

Kind of illumination: Single-LED

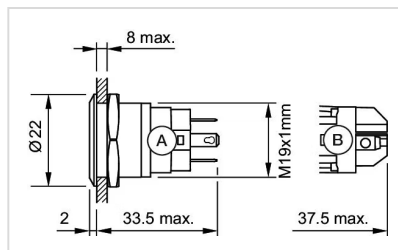
Component layouts:



Wiring diagrams:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:

