

Illuminated pushbutton Ø 19 mm silver contact

82-5152.1123.B001



<https://eao.com/p/82-5152.1123.B001>

Your product:



82-5152.1123.B001
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

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

ELECTRICAL CHARACTERISTICS

Pollution degree: 2, according to EN IEC 60947-1
Operating voltage: 12 V AC/DC
Electrical lifetime: 50 000 cycles of operation
Electric strength: 1500 VAC, 50 Hz 1 minute between life terminals and ground
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

Rated insulation voltage Ui: 250 V

Rated Operational Voltage Ue: 250 VAC

Thermal current Ith: 5 A

Contacts: 1 C

MECHANICAL CHARATERISTIC

Operating force: 4 N ... 7 N

Weight: 0.018 kg

Operating Travel: ca. 3 mm

Mechanical lifetime: 1 Mio. cycles of operation

Tightening torque: 0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

Contact material: Silver

Switching action: Momentary

Switching system: Snap-action switching element

Terminal: Screw terminal

AMBIENT CONDITION

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 / s² as per IEC 60068-2-27

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

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)

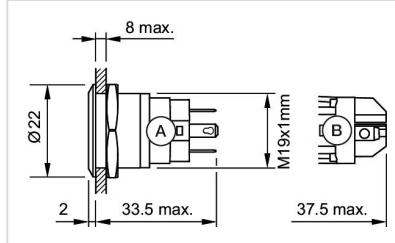
OTHER

Short Description: Illuminated pushbutton Ø 19 mm silver contact, Momentary, 12 V AC/DC, 1 C, Screw terminal, Stainless steel, Blue, ON/OFF, Silver

Kind of illumination: Single-LED

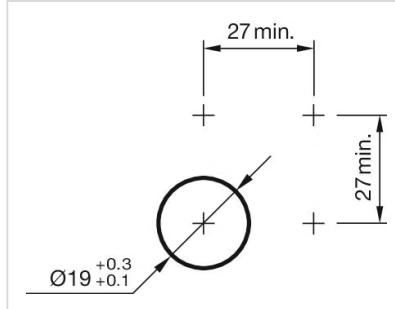
Symbol: ON/OFF

Dimension drawings:

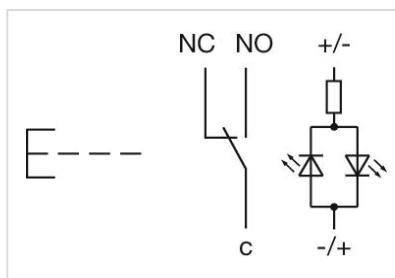


A = Solder terminal
B = Screw terminal

Mounting cut-outs:



Wiring diagrams:



Component layouts:

