Your Expert Partner for **Human Machine Interfaces**

Illuminated pushbutton Ø 19 mm silver contact

82-5151.1123.B002

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

sales@prom-elec.com / ООО ПРОМЭЛЕКТРОНИКА

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 Ui:	250 V
Rated Operational Voltage Ue:	250 VAC
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Thermal current Ith:	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	Current
24 VAC	1 A
35 VAC	1 A (M12 versio
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 vers
110 VDC	0.2 A
220 VDC	0.1 A

according to UL 508 (Silver contacts)
cosφ 0,75 … 0,8

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

MECHANICAL CHARATERISTIC

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)

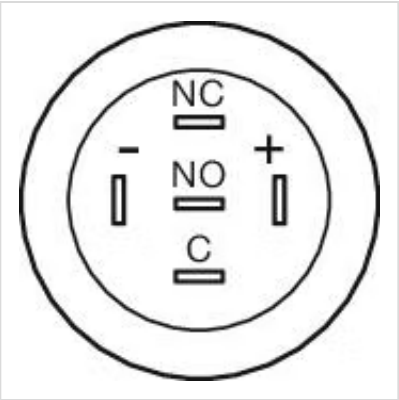
OTHER

Symbol: Standby

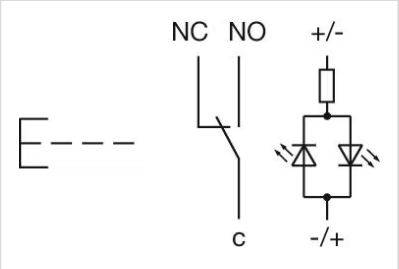
Short Description: Illuminated pushbutton Ø 19 mm silver contact, Momentary, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Blue, Standby, Silver

Kind of illlumination: Single-LED

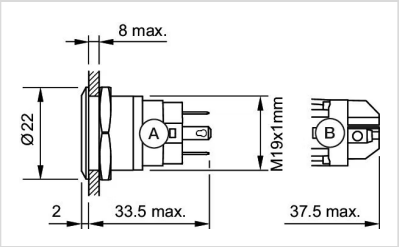
Component layouts:



Wiring diagrams:

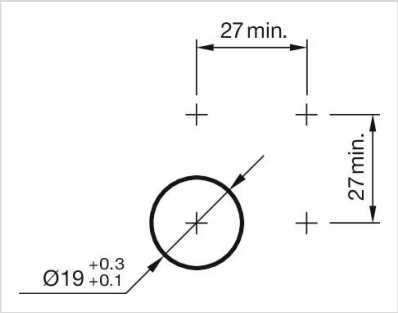


Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:


27 min.
27 min.
Ø19 +0.3 +0.1