

Illuminated pushbutton Ø 19 mm silver contact

82-5152.2123.B001



<https://eao.com/p/82-5152.2123.B001>

Your product:



82-5152.2123.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
--------------------------	---------

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Pollution degree:	2, according to EN IEC 60947-1
Contacts:	1 C
Thermal current I_{th}:	5 A
Electric strength:	1500 VAC, 50 Hz 1 minute between live terminals and ground
Electrical lifetime:	50 000 cycles of operation
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 Operational Voltage Ue: 250 VAC

Operating voltage: 12 V AC/DC

Rated insulation voltage Ui: 250 V

MECHANICAL CHARACTERISTIC

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

Weight: 0.018 kg

Terminal: Screw terminal

Operating force: 4 N ... 7 N

Mechanical lifetime: 500 000 cycles of operation

Switching system: Snap-action switching element

Contact material: Silver

Operating Travel: ca. 3 mm

Switching action: Maintained

AMBIENT CONDITION

Shock resistance: Max. 500 m / s² as per IEC 60068-2-27

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

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

Climate resistance: Damp heat, 21 days according to IEC 60512-11

Operating temperature: - 30 °C ... + 70 °C

CERTIFICATE

Conformities:

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

Approbations:

CB, CCC, C UL, UL

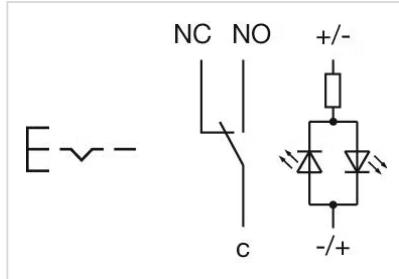
OTHER

Symbol: ON/OFF

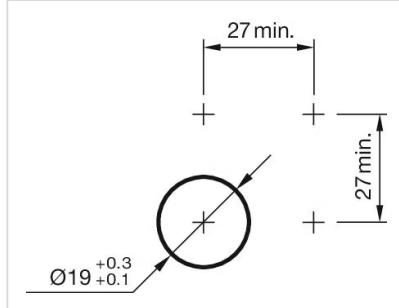
Short Description: Illuminated pushbutton Ø 19 mm silver contact, Maintained, 12 V AC/DC, 1 C, Screw terminal, Stainless steel, Blue, ON/OFF, Silver

Kind of illumination: Single-LED

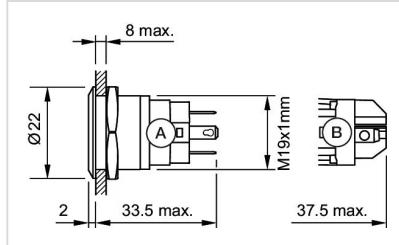
Wiring diagrams:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Component layouts:

