

Illuminated pushbutton Ø 19 mm silver contact

82-5151.1124.B001



<https://eao.com/p/82-5151.1124.B001>

Your product:



82-5151.1124.B001

Illuminated pushbutton Ø 19 mm silver contact

FRONT

Front dimension:	Ø 22 mm
Front form:	round
Front bezel shape:	flush
Front bezel material:	Stainless steel

MOUNTING

Mounting type:	Panel mounting
Mounting cut-out:	Ø 19 mm

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Contacts:	1 C
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)	
cosφ 0,75 ... 0,8	
Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

Electrical lifetime:	50 000 cycles of operation
Pollution degree:	2, according to EN IEC 60947-1
Rated insulation voltage Ui:	250 V
Rated Operational Voltage Ue:	250 VAC
Operating voltage:	24 V DC
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Operation current:	7 mA
Thermal current Ith:	5 A

MECHANICAL CHARATERISTIC

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

AMBIENT CONDITION

IP front protection:	
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IP65, IP67

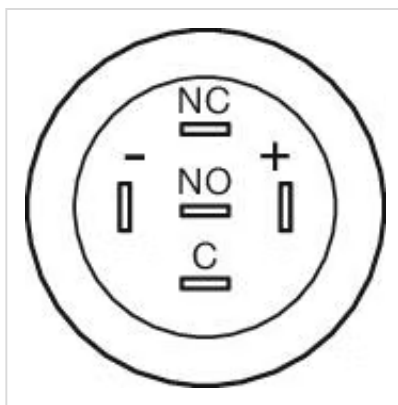
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Storage temperature:	– 40 °C ... + 80 °C
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Operating temperature:	– 30 °C ... + 70 °C
Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27

CERTIFICATE

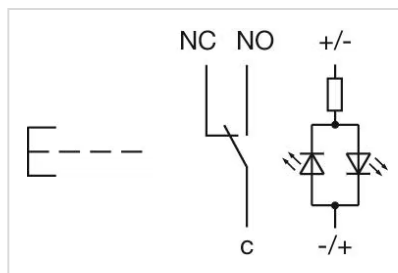
RoHS:	RoHS compliant
Conformities:	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
Approbations:	CB, CCC, C UL, UL
REACH:	REACH compliant

OTHER

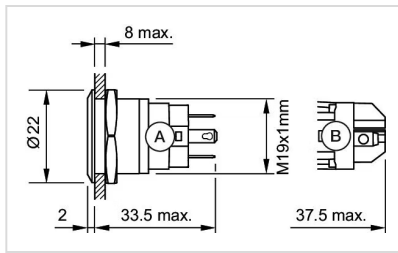
Short Description:	Illuminated pushbutton Ø 19 mm silver contact, Momentary, 24 V DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Blue, ON/OFF, Silver
Kind of illumination:	Single-LED
Component layouts:	



Wiring diagrams:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:

