

Illuminated pushbutton Ø 19 mm silver contact

82-5151.1124



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

Your product:



82-5151.1124

Illuminated pushbutton Ø
19 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Thermal current I _{th} :	5 A
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

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

MECHANICAL CHARATERISTIC

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

AMBIENT CONDITION

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

Shock resistance:

Max. 500 m / s² as per IEC 60068-2-27

Operating temperature:

– 30 °C ... + 70 °C

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

IP front protection:

IP65, IP67

CERTIFICATE

Conformities:

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

Approbations:

CB, CCC, C UL, UL

OTHER

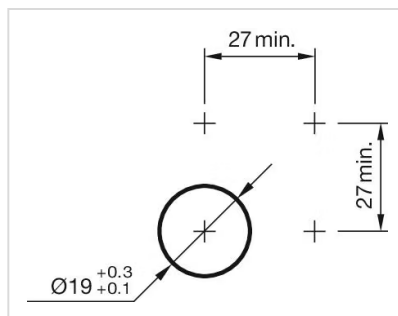
Kind of illumination:

Single-LED

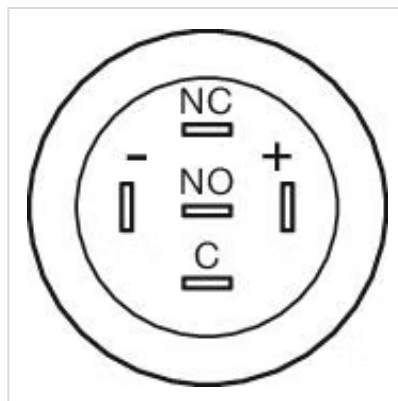
Short Description:

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, Silver

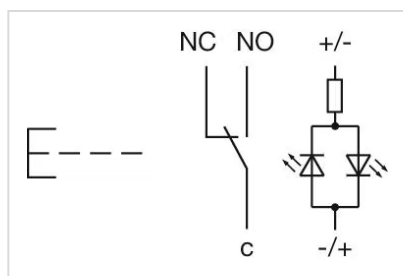
Mounting cut-outs:



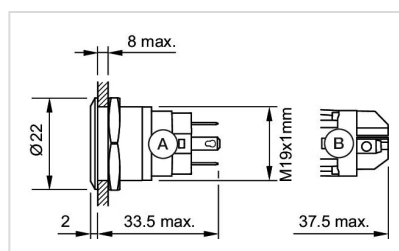
Component layouts:



Wiring diagrams:



Dimension drawings:



A = Solder terminal
B = Screw terminal