

Illuminated pushbutton Ø 19 mm silver contact

82-5151.1124.B002



<https://eao.com/p/82-5151.1124.B002>

Your product:



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

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Thermal current I_{th}:	5 A
Operating voltage:	24 V DC

Electrical lifetime:	50 000 cycles of operation	
Rated insulation voltage Ui:	250 V	
Contacts:	1 C	
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground	
Operation current:	7 mA	
Rated Operational Voltage Ue:	250 VAC	
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 CHARACTERISTIC

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

AMBIENT CONDITION

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

Damp heat, 21 days according to IEC 60512-11

IP front protection: IP65, IP67

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

CERTIFICATE

Approbations: CB, CCC, C UL, UL

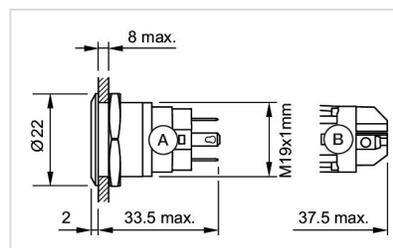
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

Kind of illumination: Single-LED

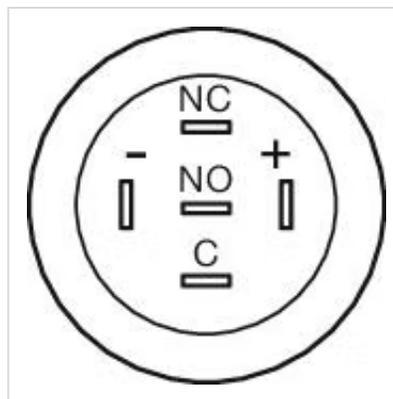
Short Description: Illuminated pushbutton Ø 19 mm silver contact, Momentary, 24 V DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Blue, Standby, Silver

Dimension drawings:

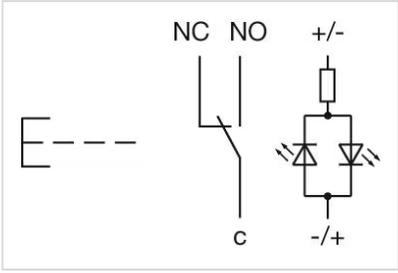


A = Solder terminal
B = Screw terminal

Component layouts:



Wiring diagrams:



Mounting cut-outs:

