

Illuminated pushbutton Ø 19 mm silver contact

82-5551.1124



<https://eao.com/p/82-5551.1124>

Your product:



82-5551.1124

Illuminated pushbutton Ø 19 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

Lens shape:	flush
Lens illumination:	illuminative
Illumination colour:	Blue
Lens colour:	Nature
Shape of illumination:	Ring
Lens optics:	opaque
Lens material:	Aluminium

ELECTRICAL CHARACTERISTICS

Operation current:	7 mA
Contacts:	1 C
Operating voltage:	24 V DC

Rated Operational Voltage Ue:	250 VAC	
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

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

MECHANICAL CHARACTERISTIC

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

AMBIENT CONDITION

Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27
Climate resistance:	

Damp heat, 21 days according to IEC 60512-11

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

IP front protection: IP65, IP67

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

CERTIFICATE

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

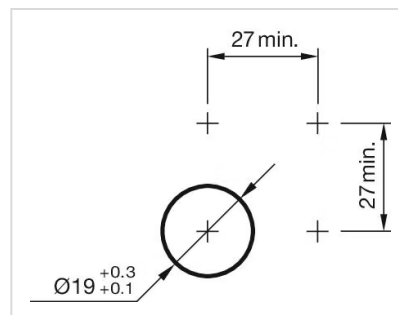
Approbations: CB, CCC, C UL, UL

OTHER

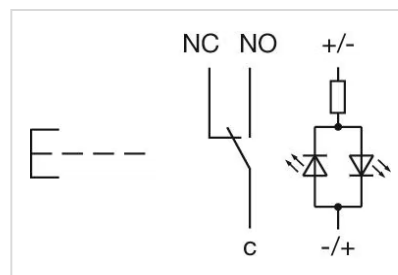
Short Description: Illuminated pushbutton Ø 19 mm silver contact, Momentary, 24 V DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Aluminium, Blue, Nature

Kind of illumination: Single-LED

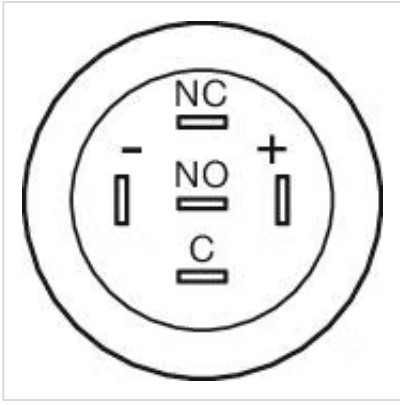
Mounting cut-outs:



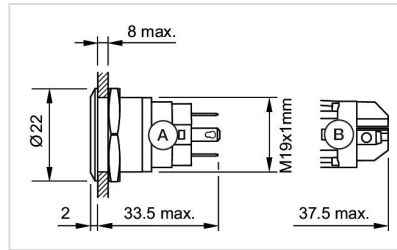
Wiring diagrams:



Component layouts:



Dimension drawings:



A = Solder terminal
 B = Screw terminal