

Illuminated pushbutton Ø 19 mm silver contact

82-5152.2124.B001



<https://eao.com/p/82-5152.2124.B001>

Your product:



82-5152.2124.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
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OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

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

Rated insulation voltage Ui:	250 V		
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)			
cos ϕ 0,75 ... 0,8			
Voltage	Current		
120 VAC	5 A		
240 VAC	3 A		
24 VAC	1 A		

Thermal current Ith:	5 A
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MECHANICAL CHARACTERISTIC

Switching system:	Snap-action switching element
Switching action:	Maintained
Tightening torque:	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
Terminal:	Screw terminal
Weight:	0.018 kg
Mechanical lifetime:	500 000 cycles of operation
Operating force:	4 N ... 7 N
Contact material:	Silver
Operating Travel:	ca. 3 mm

AMBIENT CONDITION

Operating temperature:	- 30 °C ... + 70 °C
Shock resistance:	Max. 500 m / s ² 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

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, Maintained, 24 V DC, 1 C, Screw terminal, Stainless steel, Blue, ON/OFF, Silver

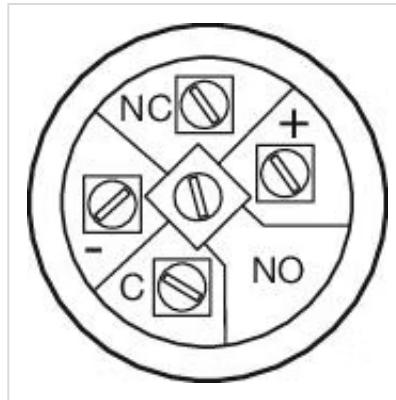
Kind of illumination:

Single-LED

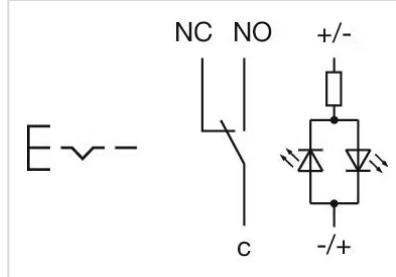
Symbol:

ON/OFF

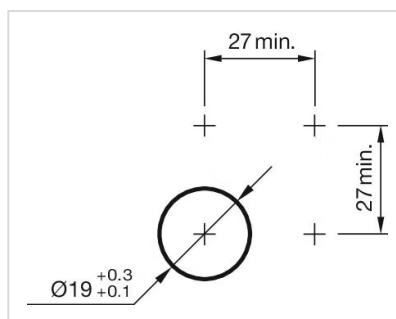
Component layouts:



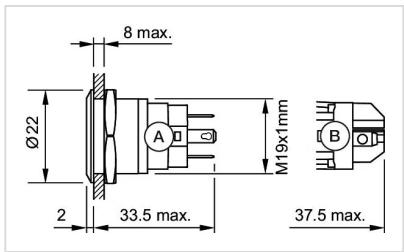
Wiring diagrams:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal