

## Illuminated pushbutton Ø 19 mm silver contact

82-5152.2124.B002



<https://eao.com/p/82-5152.2124.B002>

Your product:

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82-5152.2124.B002  
Illuminated pushbutton Ø  
19 mm silver contact

#### FRONT

<b>Front bezel shape:</b>	flush
<b>Front bezel material:</b>	Stainless steel

#### MOUNTING

<b>Mounting cut-out:</b>	Ø 19 mm
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#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

<b>Pollution degree:</b>	2, according to EN IEC 60947-1
<b>Rated insulation voltage Ui:</b>	250 V
<b>Electrical lifetime:</b>	50 000 cycles of operation
<b>Contacts:</b>	1 C
<b>Rated Operational Voltage Ue:</b>	250 VAC
<b>Operating voltage:</b>	24 V DC

<b>Thermal current Ith:</b>	5 A		
<b>Switching voltage and switching current:</b>	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)		
	$\cos\phi$ 0,75 ... 0,8		
Voltage	Current		
120 VAC	5 A		
240 VAC	3 A		
24 VAC	1 A		

**Electric strength:** 1500 VAC, 50 Hz 1 minute between life terminals and ground

## MECHANICAL CHARACTERISTIC

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

## AMBIENT CONDITION

<b>Storage temperature:</b>	- 40 °C ... + 80 °C
<b>Vibration resistance:</b>	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
<b>Climate resistance:</b>	Damp heat, 21 days according to IEC 60512-11
<b>Shock resistance:</b>	Max. 500 m / s <sup>2</sup> as per IEC 60068-2-27
<b>Operating temperature:</b>	- 30 °C ... + 70 °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, Maintained, 24 V DC, 1 C, Screw terminal, Stainless steel, Blue, Standby, Silver

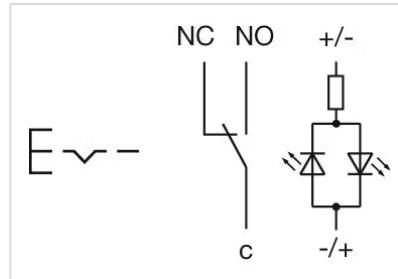
### Symbol:

Standby

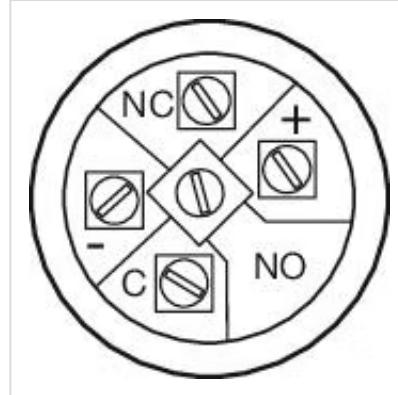
### Kind of illumination:

Single-LED

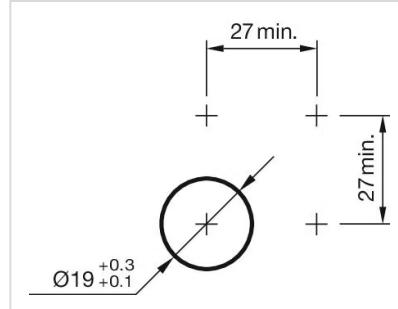
### Wiring diagrams:



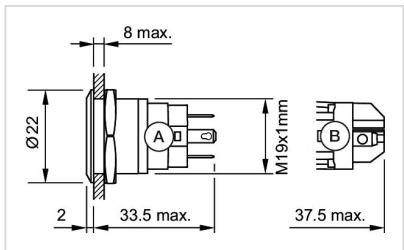
### Component layouts:



### Mounting cut-outs:



### Dimension drawings:



A = Solder terminal  
B = Screw terminal