

Illuminated pushbutton Ø 19 mm silver contact

82-5152.2124



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

Your product:



82-5152.2124

Illuminated pushbutton Ø 19 mm silver contact

FRONT

Front bezel material: Stainless steel

MOUNTING

Mounting cut-out: Ø 19 mm

OPERATING-/INDICATION PART

Lens shape: flush

Shape of illumination: Ring

Lens optics: opaque

Lens illumination: illuminative

Illumination colour: Blue

Lens material: Stainless steel

Lens colour: Silver

ELECTRICAL CHARACTERISTICS

Electrical lifetime: 50 000 cycles of operation

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

Operating voltage: 24 V DC

Contacts: 1 C

Rated Operational Voltage U_e: 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 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)	
cos ϕ 0,75 ... 0,8	
Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

Rated insulation voltage Ui: 250 V

Thermal current I_{th}: 5 A

MECHANICAL CHARACTERISTIC

Mechanical lifetime: 500 000 cycles of operation

Weight: 0.018 kg

Operating force: 4 N ... 7 N

Switching system: Snap-action switching element

Operating Travel: ca. 3 mm

Tightening torque: 0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

Switching action: Maintained

Terminal: Screw terminal

Contact material: Silver

AMBIENT CONDITION

Shock resistance: Max. 500 m / s² as per IEC 60068-2-27

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

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

CERTIFICATE

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

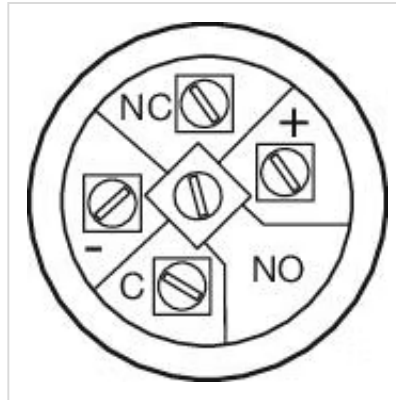
Approbations: CB, CCC, C UL, UL

OTHER

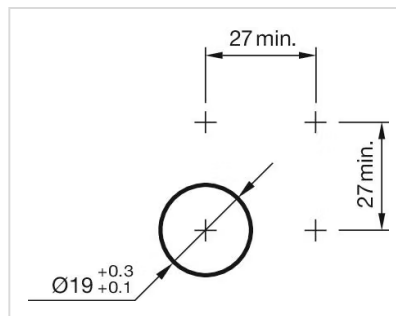
Kind of illumination: Single-LED

Short Description: Illuminated pushbutton \varnothing 19 mm silver contact, Maintained, 24 V DC, 1 C, Screw terminal, Stainless steel, Blue, Silver

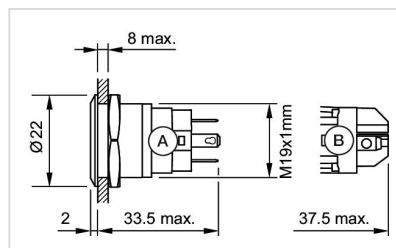
Component layouts:



Mounting cut-outs:



Dimension drawings:



Wiring diagrams:

