

Illuminated pushbutton Ø 19 mm silver contact

82-5552.2124



<https://eao.com/p/82-5552.2124>

Your product:



82-5552.2124

Illuminated pushbutton Ø
19 mm silver contact

FRONT

Front bezel shape:	flush
Front bezel material:	Aluminium

MOUNTING

Mounting cut-out:	Ø 19 mm
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OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Operating voltage:	24 V DC
Pollution degree:	2, according to EN IEC 60947-1
Rated insulation voltage U_i :	250 V
Thermal current I_{th} :	5 A
Electrical lifetime:	50 000 cycles of operation
Rated Operational Voltage U_e :	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)

$\cos\phi$ 0,75 ... 0,8

Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

Contacts:

1 C

Electric strength:

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

MECHANICAL CHARACTERISTIC**Operating Travel:**

ca. 3 mm

Operating force:

4 N ... 7 N

Weight:

0.018 kg

Terminal:

Screw terminal

Switching action:

Maintained

Tightening torque:

0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

Contact material:

Silver

Mechanical lifetime:

500 000 cycles of operation

Switching system:

Snap-action switching element

AMBIENT CONDITION**Climate resistance:**

Damp heat, 21 days according to IEC 60512-11

Shock resistance:

Max. 500 m / s² as per IEC 60068-2-27

Vibration resistance:

10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

Storage temperature:

– 40 °C ... + 80 °C

Operating temperature:

– 30 °C ... + 70 °C

CERTIFICATE

Conformities:

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

Approbations:

CB, CCC, C UL, UL

OTHER

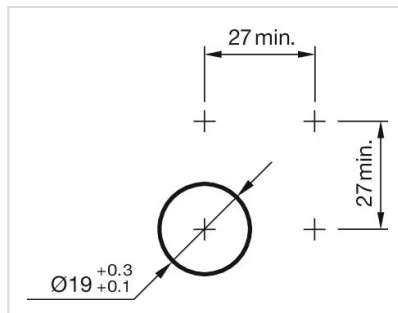
Short Description:

Illuminated pushbutton Ø 19 mm silver contact, Maintained, 24 V DC, 1 C, Screw terminal, Aluminium, Blue, Nature

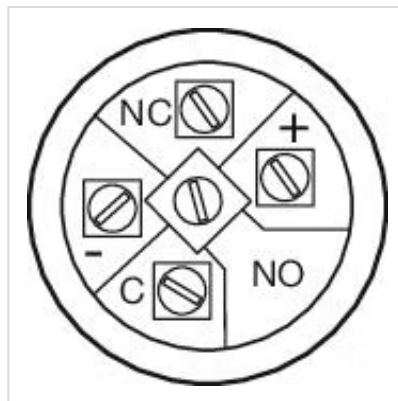
Kind of illumination:

Single-LED

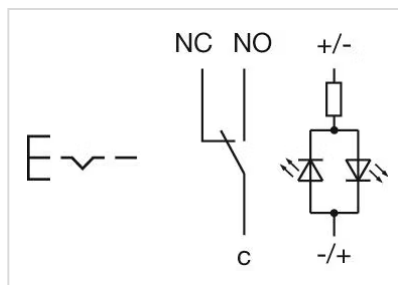
Mounting cut-outs:



Component layouts:



Wiring diagrams:



Dimension drawings:

