

Illuminated pushbutton Ø 19 mm silver contact

82-5152.2134



<https://eao.com/p/82-5152.2134>

Your product:



82-5152.2134

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

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

ELECTRICAL CHARACTERISTICS

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

24 VAC

35 VAC

110 VAC

220 VAC

Current

1 A

1 A (M12 version)

1 A

0.5 A

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

0.7 A

0.5 A (M12 version)

0.2 A

0.1 A

according to UL 508 (Silver contacts)

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

Voltage

120 VAC

240 VAC

24 VAC

Current

5 A

3 A

1 A

Operating voltage:	24 V DC
Contacts:	1 C
Electrical lifetime:	50 000 cycles of operation
Pollution degree:	2, according to EN IEC 60947-1
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Thermal current I_{th}:	5 A
Rated insulation voltage U_i:	250 V

MECHANICAL CHARACTERISTIC

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

AMBIENT CONDITION

Storage temperature:	– 40 °C ... + 80 °C
Shock resistance:	

Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Operating temperature:	– 30 °C ... + 70 °C
Climate resistance:	Damp heat, 21 days according to IEC 60512-11

Approbations: CB, CCC, C UL, UL

OTHER

Kind of illumination: Single-LED

Technical drawing of the M19x1mm connector. The drawing shows a side view and a top view. The side view indicates a maximum length of 8 mm for the mounting flange, a diameter of $\varnothing 22$ mm for the main body, and a maximum length of 33.5 mm for the main body. The top view shows a maximum length of 37.5 mm for the main body and a maximum length of 2 mm for the mounting flange. The connector has two pins labeled A and B, and a third pin labeled C. The pin configuration is shown in a separate detail view on the right.

Component layouts:



Mounting cut-outs:

