

## Illuminated pushbutton Ø 19 mm silver contact

82-5552.2133



<https://eao.com/p/82-5552.2133>

Your product:

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82-5552.2133

Illuminated pushbutton Ø  
19 mm silver contact

#### FRONT

Front bezel material:	Aluminium
Front bezel shape:	flush
Front dimension:	Ø 22 mm
Front form:	round

#### MOUNTING

Mounting cut-out:	Ø 19 mm
Mounting type:	Panel mounting

#### OPERATING-/INDICATION PART

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

#### ELECTRICAL CHARACTERISTICS

Pollution degree:	2, according to EN IEC 60947-1
Contacts:	1 C
Operating voltage:	12 V AC/DC

**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

**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

**Operation current:**

7 mA

**Rated insulation voltage Ui:**

250 V

**Thermal current Ith:**

5 A

**MECHANICAL CHARACTERISTIC****Operating Travel:**

ca. 3 mm

**Terminal:**

Screw terminal

**Weight:**

0.018 kg

**Contact material:**

Silver

**Switching action:**

Maintained

**Mechanical lifetime:**

500 000 cycles of operation

**Tightening torque:**

0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

**Operating force:**

4 N ... 7 N

**Switching system:**

Snap-action switching element

**AMBIENT CONDITION****IP front protection:**

IP65, IP67

**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

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

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

**Shock resistance:** Max. 500 m / s<sup>2</sup> as per IEC 60068-2-27

## CERTIFICATE

**RoHS:** RoHS compliant

**REACH:** REACH compliant

**Approbations:** CB, CCC, C UL, UL

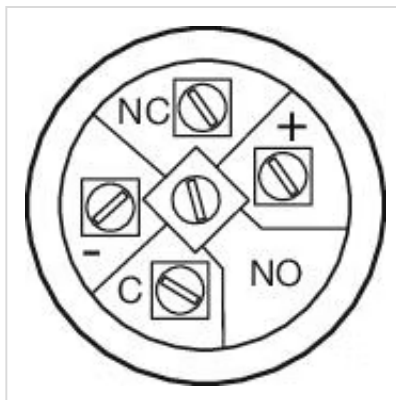
**Conformities:** CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

## OTHER

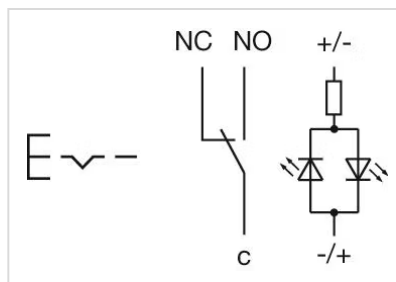
**Kind of illumination:** Single-LED

**Short Description:** Illuminated pushbutton Ø 19 mm silver contact, Maintained, 12 V AC/DC, 1 C, Screw terminal, round, Aluminium, Green, Nature

**Component layouts:**



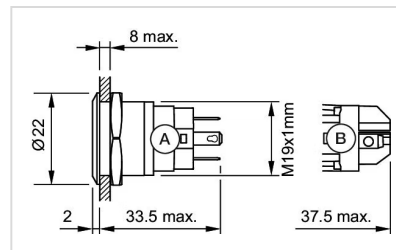
**Wiring diagrams:**



**Mounting cut-outs:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal