

## Indicator 19 mm

82-5551.0133

Distribution by  
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82-5551.0133  
Indicator 19 mm

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#### FRONT

<b>Front dimension:</b>	Ø 22 mm
<b>Front form:</b>	Round
<b>Front bezel material:</b>	Aluminium
<b>Front bezel shape:</b>	Flush

#### MOUNTING

<b>Mounting cut-out:</b>	Ø 19 mm
<b>Mounting type:</b>	Panel mounting

#### OPERATING-/INDICATION PART

<b>Lens colour:</b>	Nature
<b>Lens material:</b>	Aluminium
<b>Lens illumination:</b>	Illuminated
<b>Lens shape:</b>	Flush
<b>Lens optics:</b>	opaque
<b>Illumination colour:</b>	Green
<b>Shape of illumination:</b>	Ring

#### ELECTRICAL CHARACTERISTICS

**Switching voltage and switching current:** 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

according to IEC 60947-5-1 (Silver contacts)

Service categorie AC-15

Voltage

24 VAC

35 VAC

110 VAC

220 VAC

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

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

1 A

1 A (M12 version)

1 A

0.5 A

Current

0.7 A

0.5 A (M12 version)

0.2 A

0.1 A

**Operating voltage:** 12 V AC/DC

**Operation current:** 7 mA

**Rated Operational Voltage Ue:** 250 VAC

**Rated insulation voltage Ui:** 250 V

**Electrical lifetime:** 50 000 cycles of operation

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

**Pollution degree:** 2, according to EN IEC 60947-1

**Thermal current Ith:** 5 A

## MECHANICAL CHARACTERISTICS

**Terminal:** Soldering terminal, 2.8 x 0.5 mm

**Tightening torque:** 0.5 ... 0.6 Nm

**Weight:** 0.018 kg

## AMBIENT CONDITION

**IP front protection:** IP65, IP67

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

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

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

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

**Climate resistance:** Damp heat, 21 days according to IEC 60512-11

## CERTIFICATE

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

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

**REACH:**

REACH compliant

**RoHS:**

RoHS compliant

## OTHER

**Short Description:**

Indicator 19 mm, 12 V AC/DC, Soldering terminal, 2.8 x 0.5 mm, Round, Aluminium, Green, Nature

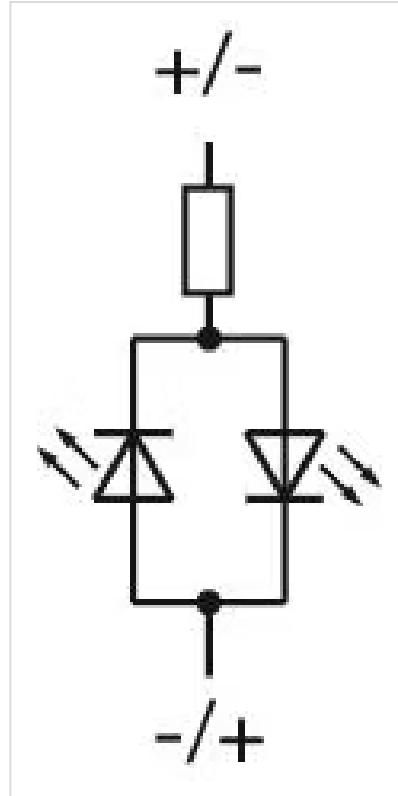
**Kind of illumination:**

Single-LED

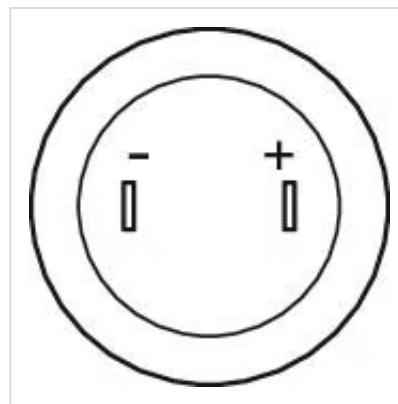
**Housing size:**

19 mm

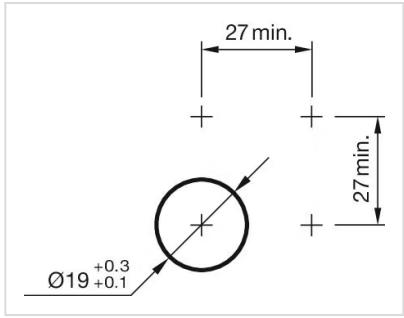
**Wiring diagrams:**



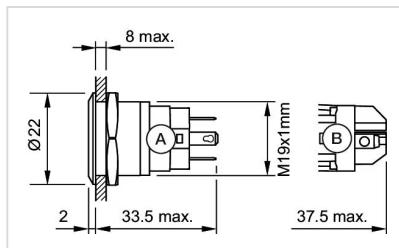
**Component layouts:**



**Mounting cut-outs:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal