

# Indicator 16 mm

82-4151.0134

Distribution by  
DigiKey

**DigiKey**



<https://digikey.eao.com/p/82-4151.0134>

Your product:



82-4151.0134  
Indicator 16 mm

FRONT

|                       |                 |
|-----------------------|-----------------|
| Front dimension:      | Ø 18 mm         |
| Front form:           | Round           |
| Front bezel material: | Stainless steel |
| Front bezel shape:    | Flush           |

MOUNTING

|                   |                |
|-------------------|----------------|
| Mounting cut-out: | Ø 16 mm        |
| Mounting type:    | Panel mounting |

OPERATING-/INDICATION PART

|                        |                 |
|------------------------|-----------------|
| Lens colour:           | Silver          |
| Lens material:         | Stainless steel |
| Lens illumination:     | Illuminated     |
| Lens shape:            | Flush           |
| Lens optics:           | opaque          |
| Illumination colour:   | Green           |
| Shape of illumination: | Ring            |

ELECTRICAL CHARACTERISTICS

|  |                                       |         |
|--|---------------------------------------|---------|
| Switching voltage and switching current: | according to UL 508 (Silver contacts) |         |
|  | cosφ 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

|                                      |  |
|--------------------------------------|--|
| <b>Operating voltage:</b>            | 24 V AC/DC   |
| <b>Operation current:</b>            | 7 mA   |
| <b>Rated Operational Voltage Ue:</b> | 250 VAC  |
| <b>Rated insulation voltage Ui:</b>  | 250 V  |
| <b>Electrical lifetime:</b>          | 50 000 cycles of operation                                 |
| <b>Electric strength:</b>            | 1500 VAC, 50 Hz 1 minute between life terminals and ground |
| <b>Pollution degree:</b>             | 2, according to EN IEC 60947-1                             |
| <b>Thermal current Ith:</b>          | 5 A  |

## MECHANICAL CHARACTERISTICS

|                           |                                  |
|---------------------------|----------------------------------|
| <b>Terminal:</b>          | Soldering terminal, 2.8 x 0.5 mm |
| <b>Tightening torque:</b> | 0.5 ... 0.6 Nm                   |
| <b>Weight:</b>            | 0.018 kg                         |

## AMBIENT CONDITION

|                               |  |
|-------------------------------|--|
| <b>IP front protection:</b>   | IP65, IP67   |
| <b>Operating temperature:</b> | – 30 °C ... + 70 °C  |
| <b>Storage temperature:</b>   | – 40 °C ... + 80 °C  |
| <b>Shock resistance:</b>      | Max. 500 m / s <sup>2</sup> as per IEC 60068-2-27              |
| <b>Vibration resistance:</b>  | 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6 |
| <b>Climate resistance:</b>    | Damp heat, 21 days according to IEC 60512-11                   |

## CERTIFICATE

|                      |   |
|----------------------|---|
| <b>Approbations:</b> | CB, CCC, C UL, UL                               |
| <b>Conformities:</b> | CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD) |

**REACH:** REACH compliant

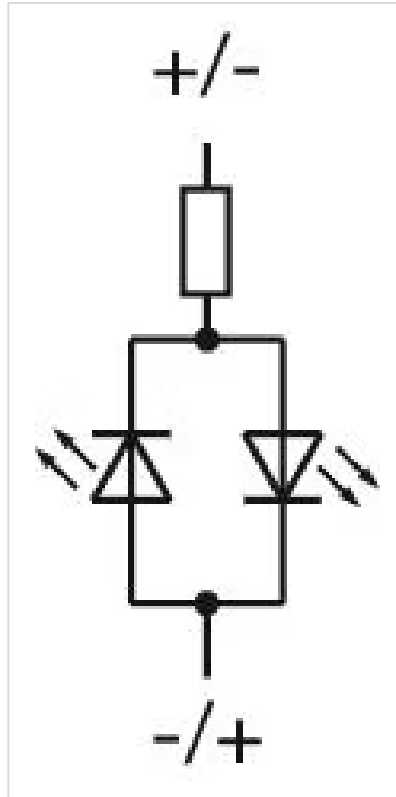
**RoHS:** RoHS compliant

## OTHER

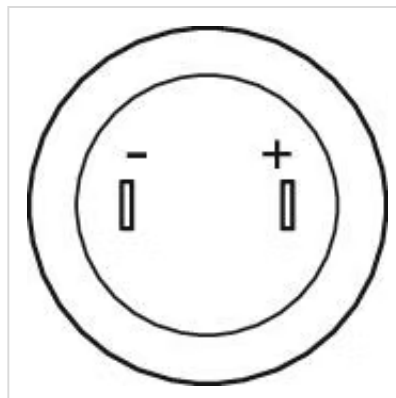
**Short Description:** Indicator 16 mm, 24 V AC/DC, Soldering terminal, 2.8 x 0.5 mm, Round, Stainless steel, Green, Silver

**Kind of illumination:** Single-LED

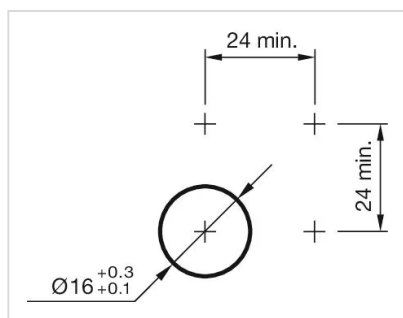
**Wiring diagrams:**



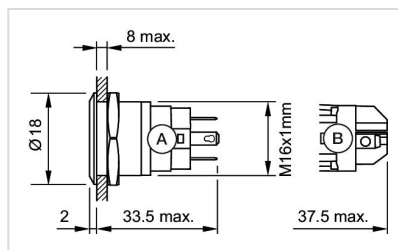
**Component layouts:**



**Mounting cut-outs:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal