

# Single-LED

10-2509.1142

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### OPERATING-/INDICATION PART

**Illumination colour:** Red

### ELECTRICAL CHARACTERISTICS

**Operating voltage:** 12 V AC/DC +10%

**Operation current:** 16 mA  $\pm$ 15 %

**Lumi. Intensity:** 390 mcd

### MECHANICAL CHARACTERISTICS

**Weight:** 0.002 kg

### CERTIFICATE

**REACH:** REACH compliant

**RoHS:** RoHS compliant

### OTHER

**Short Description:** Single-LED, BA9s, Red, 12 V AC/DC +10%

**Kind of illumination:** Single-LED

**Hints:** The specified 6 V DC, 24 V DC Bi-colour; 130 V AC, 130 V DC and 230 V AC versions are built with a protection diode  
The specified 12, 24, 28, 48 VAC/DC versions are built with a bridge rectifier  
The specified 130 VAC types are developed to run on a supply voltage of 130 VAC only  
An operation at a higher supply voltage using commercial lampholders with integrated resistors, is not approved  
If the 24VDC Bi-colour lamp is driven with normal polarity (plus on middle contact of the lamp) the first mentioned colour will light up, with inverted polarity the second colour will light up  
The luminous intensity stated is for when used with DC

Electrical and optical data are measured at 25 °C  
Luminosity and wave length variations caused by LED manufacturing processes may cause slight differences regarding the illumination. The customer has to decide what resistor shall be used to the LED

**Wiring diagrams:**



**Dimension drawings:**



A = (standard)  
B = (super bright)