

## BLINKING LAMP

### TYPE **BL4.1**

surface mounted

#### General description

External blinking lamps are used to indicate short-circuits or earth-faults in outdoor areas. The blinking lamp is incorporated in a housing made of solid polycarbonate. The interior of the lamp is filled with resin for best protection against environmental influences. The lighting angle of the LED is 35 degrees. The energy is sourced from the display device.

**Please note:** The blinking lamp BL4.1 is fully compatible with the former blinking lamp type BL3.1. Thus it can be connected with all BL3.1 and BL4.1 connectors (please refer to figure 1).

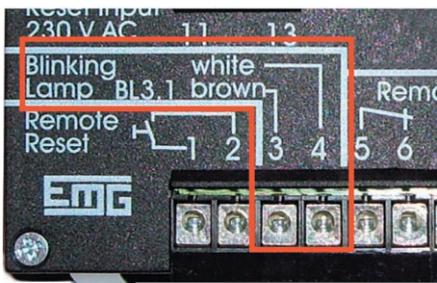


figure 1 - example of blinking lamp connector  
Connectors for BL3.1 can also be used for BL4.1

Subject	Value
housing	suitable for surface, outdoor installation weather-proof
protection class	IP65
indication	three bright LED indicators, blinking frequency depends on display unit (standard 1 Hz)
duration of indication	blinking duration depends on display unit
dimensions	60 mm x 60 mm x 38 mm (WxHxD) (Please also refer to drawings below)
operation temperature range	-45°C to +70°C
power supply	power is supplied by the display unit
connection cable	standard length: 3m * (copper cable)

\*PLEASE NOTE: other values can be ordered

## BLINKING LAMP

### TYPE BL4.2

surface mounted

#### General description

External blinking lamps are used to indicate short-circuits or earth-faults in outdoor areas. The blinking lamp is incorporated in a housing made of solid polycarbonate. The interior of the lamp is filled with resin for best protection against environmental influences.

The lighting angle of the LED is 35 Degrees. The energy is sourced from an exchangeable type 1/2 AA 3.6V lithium battery, which is housed inside the blinking lamp. The blinking lamp type BL4.2 can be connected to any potential-free relay contact of a fault indicator. The blinking time depends on the type of potential-free relay contact. The blinking lamp is equipped with an auto-sensing system to detect the type of potential-free contact.

**Permanent contact:** If the blinking lamp is connected with a permanent contact, the blinking lamp will stop blinking as soon as the relay is switching back to its standby position.

**Wipe contact:** (between 100 ms and 1 second) If the blinking lamp is connected with a wipe contact, the blinking lamp will stop blinking after a preselected time (standard value: 2 hours\*).

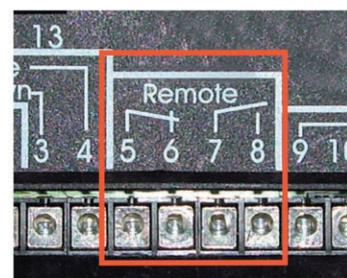
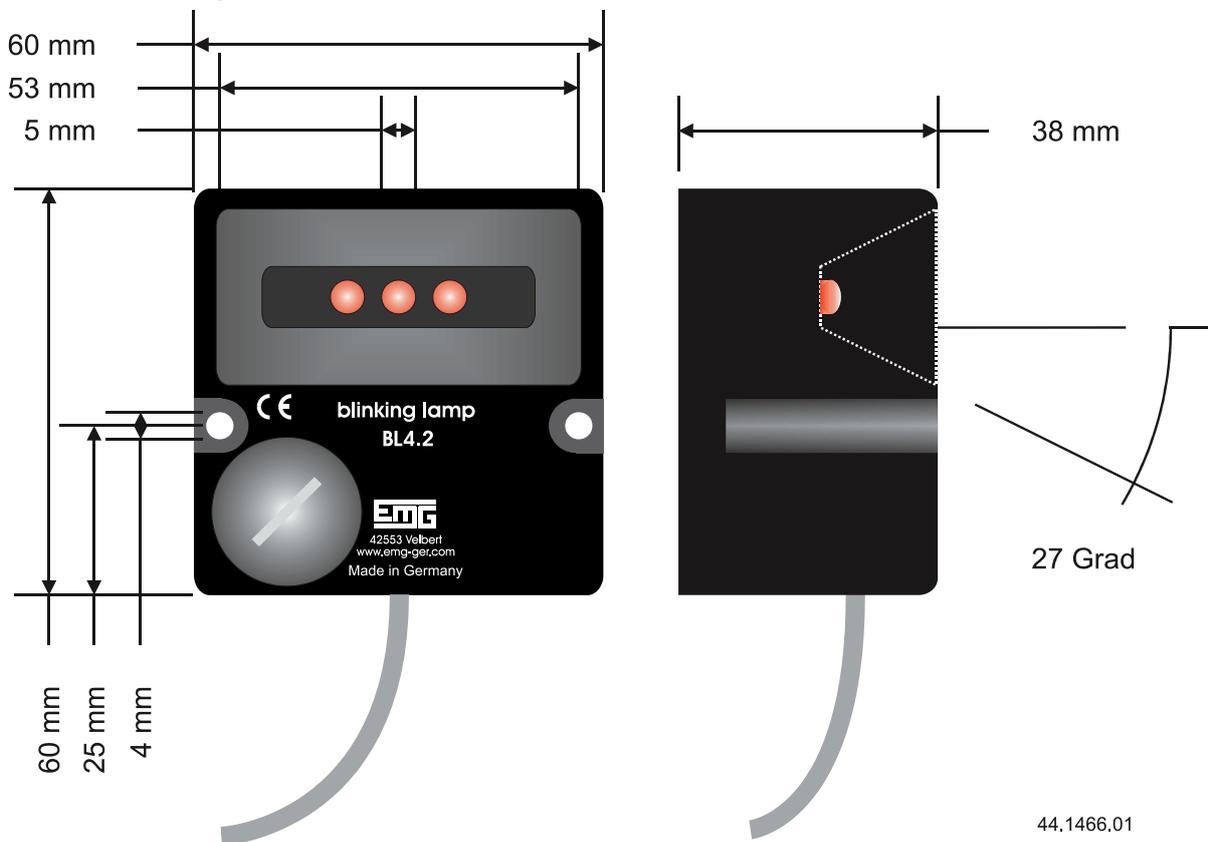
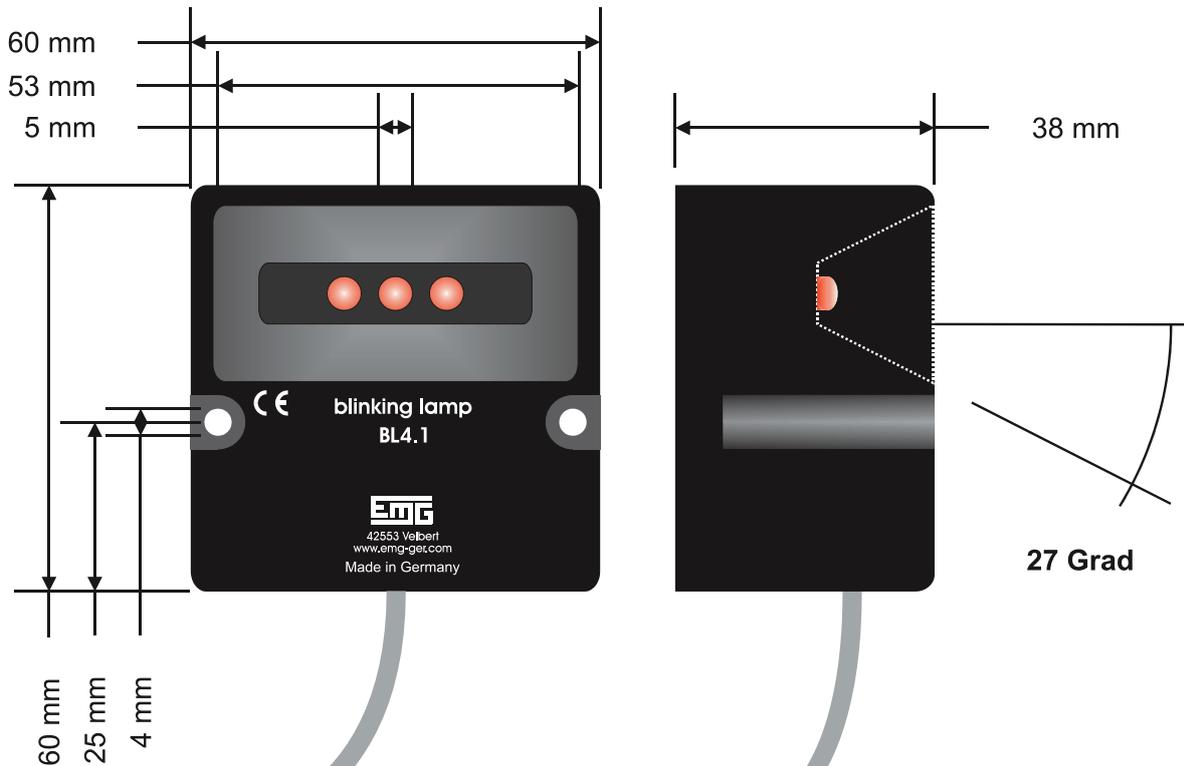


figure 2 - remote relay connector

Subject	Value
housing	suitable for surface, outdoor installation weather-proof
protection class	IP65
indication	three bright LED indicators, blinking frequency: 1 Hz
duration of indication	<b>If connected to a permanent contact (&gt; 10 seconds):</b> blinking duration depends on display unit, because the BL4.2 resets with the display unit <b>If connected to a wipe contact (&lt; 10 seconds):</b> blinking duration is 2* hours (standard value)
dimensions	60 mm x 60 mm x 38 mm (WxHxD) (Please also refer to drawings below)
operation temperature range	-40°C to +70°C
power supply	lithium battery (LiSOC12) type 1/2AA / 3.6V / 1200 mAh
connection cable	standard length: 3m * (copper cable)

\*PLEASE NOTE: other values can be ordered



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