



⚠ Pay attention when connecting the LED group: polarity reversal results in no light output and often damages the LEDs.

⚠ **WARNING:** Risk of electrical shock. May result in serious injury or death. Disconnect power before servicing or installing.

⚠ **CAUTION:** The device may only be connected and installed by a qualified electrician. All applicable regulations, legislation and building codes must be observed. Incorrect installation of the device can cause irreparable damage to the device and the connected LEDs.

### DALI

You can use these connectors to connect the driver to a DALI network.

### 120-277 VAC

The driver has been designed for use with universal mains voltage input of 120-277V AC, 50/60Hz, or with DC input of 120-250V (emergency lighting).

### LEDcode/NTC

LEDcode allows configuration of

- LED output current: from 200mA-1,050mA in 25mA steps
- Dimming curve: lin / log
- Minimum dimming level of 1% or higher
- NTC throttle temperature

Programming the driver via LEDcode requires a TOOLbox pro and FluxTool software.

Connecting a 47kΩ NTC thermistor enables closed loop thermal control. The NTC throttle temperature is programmable through LEDcode.

### LED output

Indicates the location of the LED output connectors.

### LED wiring distance

Maximum wiring distance at full load (from driver to LED load):

| AWG value     | 20 | 19 | 18 | 17 | 16  |
|---------------|----|----|----|----|-----|
| Distance (m)  | 14 | 18 | 22 | 28 | 36  |
| Distance (ft) | 46 | 59 | 72 | 92 | 118 |

⚠ Please observe voltage drop over long wire lengths.

⚠ Longer wire lengths increase EMI susceptibility.