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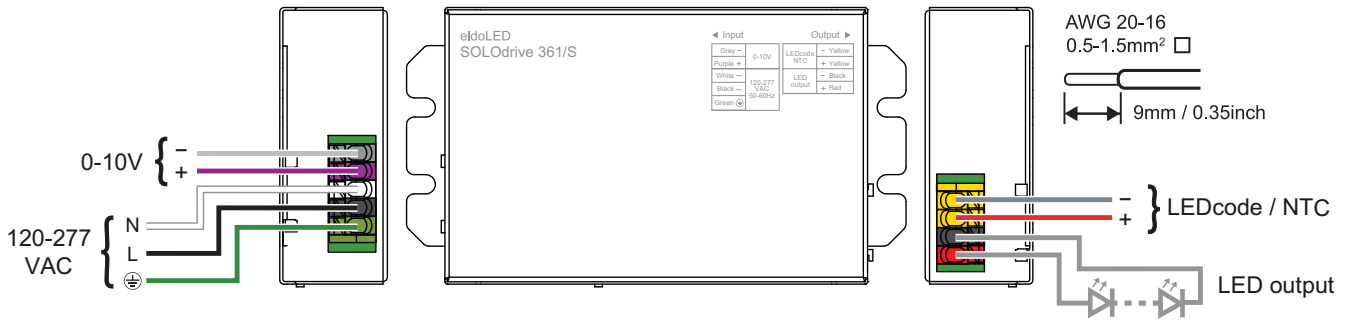
Wiring diagram SOLOdrive 361/S (SL0361S1)



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.

0-10V
Connect your 0-10V control device to the driver's '0-10V +' and '0-10V -' connector.

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 drive current per output: from 200mA-1,050mA in 1mA steps
- Dimming curve: lin / log
- Minimum dimming level
- 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.

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