eldoLED
your product | *our drive*

24V - 28V DC IN

To connect the driver to a PSU, connect the PSU's positive voltage supply wire to the voltage supply (V sup) screw terminal and the PSU's negative voltage supply wire to the ground (GND) screw terminal.

24V - 28V DC OUT

Optional output supply terminal block with a maximum load of 6A. The main power supply must be capable of supporting the extra load. Vsup is the positive voltage terminal, GND the negative voltage terminal.

External/remote switch

You can connect an external/remote, momentary-action push-button switch to the SW+ and SW soldering pads. You can use this switch to flip through the available shows.

In-fixture switch

You can connect an in-fixture, momentary-action push-button switch to the ground (GND) and switch (SW) pin. You can use this switch to flip through the available light shows.

Jumper block

This jumper block's configuration determines the output current:
- No jumper: 350mA
- Jumper on 1: 460mA
- Jumper on 2: 700mA
- Jumper on 1 and 2: 900mA

LED groups

Indicates the location of the pins to which you can connect your LED groups. R(ed) represents channel 1, G(reen) represents channel 2, B(lue) represents channel 3 and W(hite) represents channel 4. This default group color allocation can be changed using Toolbox parameters 80 through 83 ("Group R/G/B/W channel mapping").

LedSync/DMX IN

For data input, connect your network cable's data+, data- and shielding wire (the orange/white, orange and brown wire in a Cat5 cable) to the I+, I- and Shield screw terminal respectively.

LedSync OUT

For data output, connect your network cable's data+, data- and shielding wire (the green/white, green and brown wire in a Cat5 cable) to the O+, O- and Shield screw terminal respectively.

M3 screw hole

The driver features two screw holes suited for M3 screws. Secure the driver using these holes.

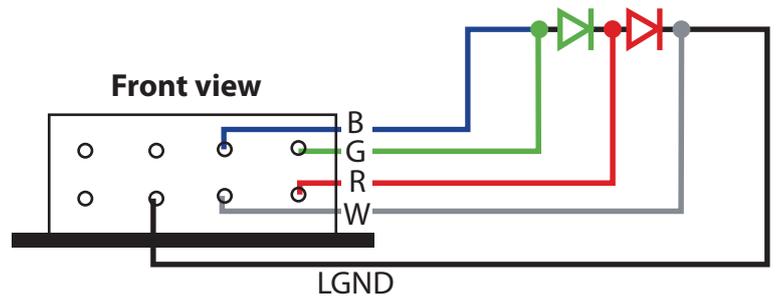## Thermal feedback

You can connect a negative temperature coefficient (NTC) for feedback about the driver's or LEDs' temperature. Connect the sensor to the temperature sensor (T) pin and the ground (GND) pin.

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**Connecting 3 LED groups to
a 4-channel L-Strip Connector**
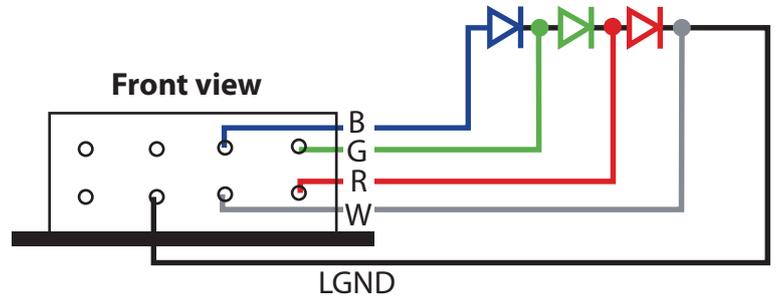
**Connecting 2 LED groups to
a 4-channel L-Strip Connector**

**Connecting 1 LED group to
a 4-channel L-Strip Connector**

More information, application notes, user manuals and eldoLED's terms and conditions are available at www.eldoLED.com   V1.3

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