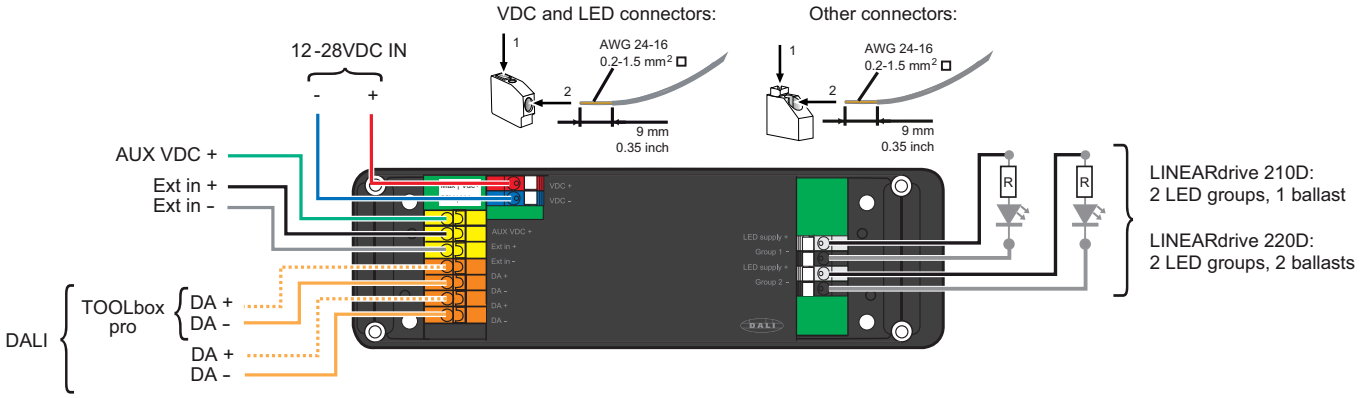
eldoLED

your product | *our drive*

Wiring diagram LINEARdrive 210D, 220D (LIN2*0D1)



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.

12V - 28V DC IN

Connect the LED driver to a 12-28V DC short-circuit proof power supply unit (PSU). To do so, connect the PSU's positive voltage supply wire to the VDC+ connector and the PSU's negative voltage supply wire to the VDC- connector.

EXT in

You have the possibility to connect a 47kΩ potentiometer to the LED driver's Ext in+ and Ext in- connector for local dimming.

DA+ / DA-

Use these connectors to connect the LED driver to a DALI network. Always combine a DA+ and a DA- connector for either data input or data output.

TOOLbox pro

You can connect a TOOLbox pro to a DA+ and DA- connector. Using the freely downloadable FluxTool software, you can then use the DALI sliders as a simple test setup. Note that the FluxTool software is not a DALI commissioning tool.

LED groups

Indicates the location of the connectors for your LED strips. LINEARdrive 210D is a single-channel driver, meaning both LED groups are seen as one DALI ballast.
LINEARdrive 220D is a dual-channel LED driver: the two LED groups can be controlled as two separate DALI ballasts.

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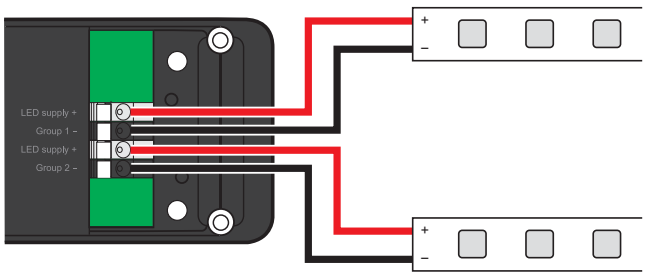
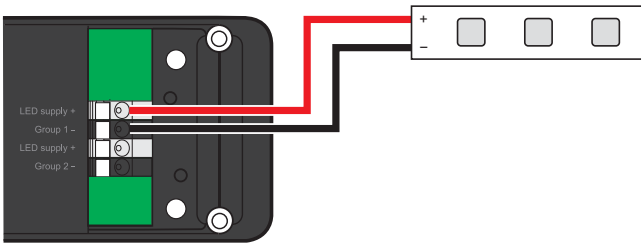
Connecting two LED strips

Maximum current for both LED outputs together is 8A.
You are free to divide the 8A over the two LED outputs in any way you want.



Connecting one LED strip

Maximum current for both LED outputs together is 8A.
When connecting only one LED strip, the maximum current for the output it is connected to is also 8A.