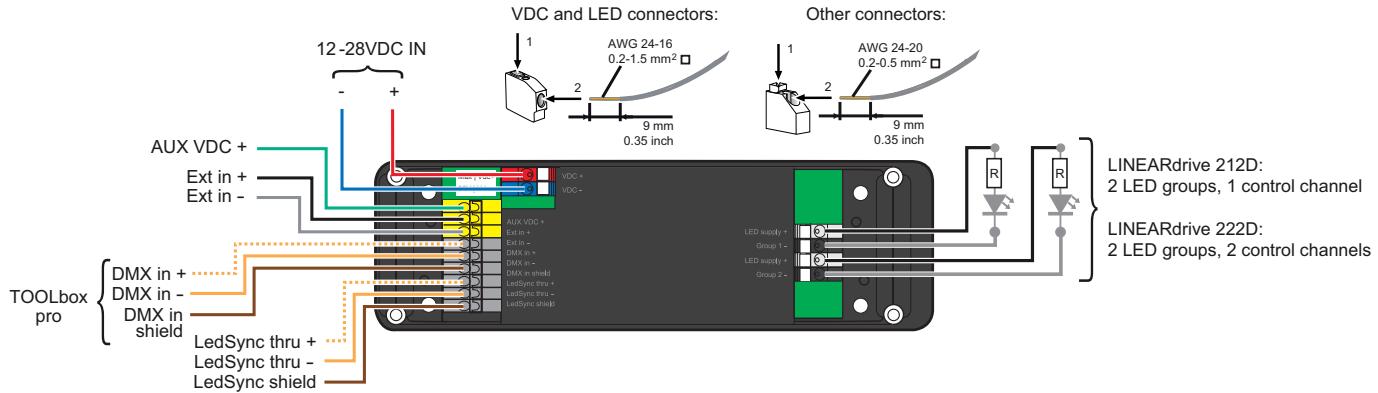


## Wiring diagram LINEARdrive 212D, 222D

( LIN2\*2D1 )



**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  $47\text{k}\Omega$  potentiometer to the LED driver's Ext in+ and Ext in- connector for local dimming.

### TOOLbox pro

You can connect a TOOLbox pro to the DMX in+, DMX in- and DMX in shield connector. Using the freely downloadable FluxTool software, you program the LED driver. For more information, go to [www.eldoled.com/software](http://www.eldoled.com/software).

### DMX in / LedSync thru

Use these connectors to connect the LED driver to a DMX network. For DMX in, connect the network cable's DMX+, DMX- and DMX shielding wire (the orange /white, orange and brown wire in a CAT5 cable) to the DMX+, DMX- and DMX shielding connector respectively. For LedSync thru, connect the network cable's data+, data- and shielding wire to the LedSync thru+, LedSync thru- and LedSync shield connector.

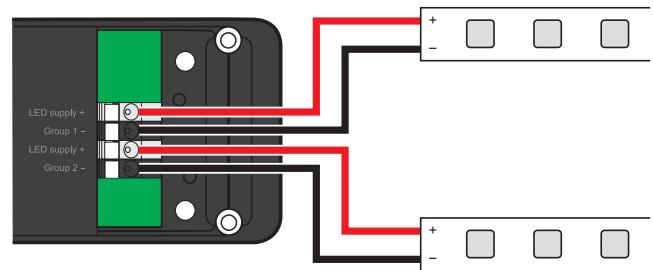
### LED groups

Indicates the location of the connectors for your LED strips. LINEARdrive 212D is a single-channel driver, meaning both LED groups are controlled over the same control channel. LINEARdrive 222D is a dual-channel LED driver: the two LED groups can be controlled over two separate control channels.

**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.

