Matronics dimmer 12V-24V with 5-24V control signal

Contoller that converts dim-signal from Scania' og Volvo' built in dimmer to 12V or 24V. Simple connection with screw terminals.

Controller that converts the 5V signal from Scania' built in dimmer to 12V or 24V, depending on connected supply. This means you can connect regular LEDs and LED strips, and still dim these with the built in 5V or 24V dimmer, without overloading it, and creating a fault.

The controller is simple to connect with the screw terminals.

Updated version

The newest version has an increased max current from 5A to 15A, and can now be used for both 5V and 24V dimmer-signals. There is now also 2 output terminals, for easier connection.

Connection:

- INPUT
  - DIM5V - Plus from Scania dimmer connects here (5V)
  - IN- Connects to the minus from the truck (12V/24V)
  - IN+ Connects to ground from the truck
- OUTPUT
  - OUT+ Output with plus for the lights (12V/24V)
  - OUT- Output with minus for the lights

It is important that you use both GND and 24V on the controller, when the lights are connected. The controller must be as close as possible to the dimmer.

Fuses

There is a 15A fuse (low profile minival) on the circuit board inside the enclosure. Extra fuses can be bought seperatly.

There is also a thermal fuse, that cannot be replaced, but is only intended as an extra precaution, if there are faults on the boards, or during a serious overloading.

Ref. 715001 715024

Buy online at:

www.matronics.eu/715005

Specifications

Max voltage	24V
Max current	15A
Dimmer-signal	5V-24V



Dimmer
SKU 715005



Fuse, 15A
SKU 515088