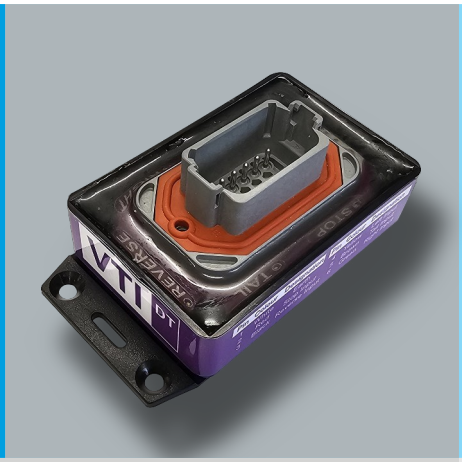
Anything electronic

PRODUCT SPECIFICATION



VTI-DT

The VTI-DT is an advanced **12/24V** compatible lighting interface.

It's a rugged, fully encapsulated, waterproof unit with mounting flanges for quick installation.

It monitors each input to filter any unwanted data signal that the vehicle may use in lamp failure detection, and trailer detection.

The VTI-DT requires a separate power feed from the boot light feed or an ignition / auxiliary feed, and draws <2 mA to operate.

For ease of wiring a single standard automotive DT connector is used for all connections.

Features

Intelligent Monitoring:
Many modern vehicles, especially those from Europe, monitor the state of the lighting circuits by using brief voltage pulses or a low current to check the bulb filaments.
These lamp detection signals can cause LED trailer lights to turn on briefly.
The VTI-DT blocks these signals to the trailer lamps, as well as eliminating fault codes by prohibiting the trailer lamps from being detected by the vehicle electronics.

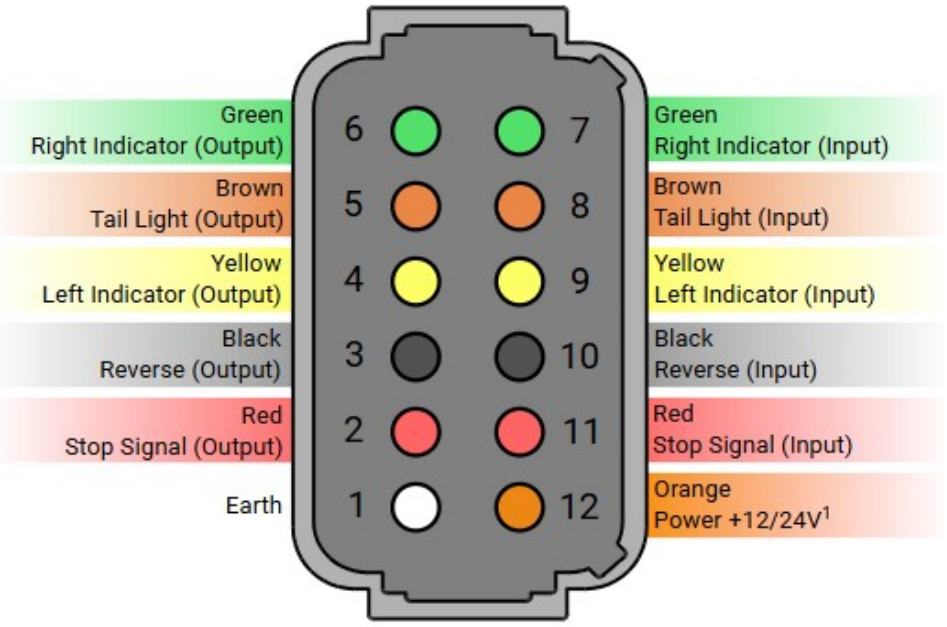
The five VTI-DT channels are compatible with trailers fitted with incandescent lamps or LED lights.

Embedded in the product are diagnostic LEDs. Each channel has a diagnostic LED that will light when the output for that channel is on. This makes it easier to see if a channel is on or off.

Protection:
- Prevents blown vehicle fuses and damage to the vehicle Body Control Module (BCM) from a short circuit in the trailer wiring.
- Enables the vehicle lighting to continue operating if there is a short or open circuit in the trailer wiring.
- Automatically recovers from a short circuit in the trailer wiring.
- Will carry a maximum load per circuit of 3.5A (42W @ 12V, 84W @ 24V).
- All 5 output channels to the trailer are protected. Left, Right, Stop, Reverse and Tail.

Wiring Information

(wire entry side)



From vehicle lighting (individual wires)

To trailer lighting connector (7 core trailer cable, blue is unused)

[1] Power can be provided by the boot light, accessory or ignition feed

Note: a standard wiring loom is provided, but this can be modified by your installer. Contact Anything Electronic for bulk orders of looms customised to your specifications.

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