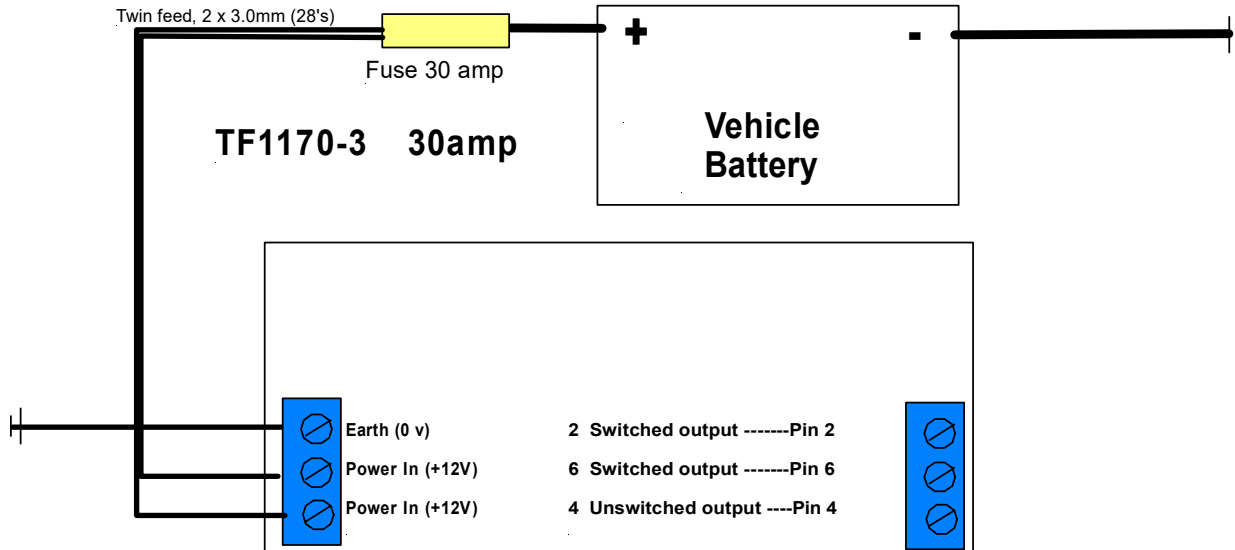


TF1170-3 Smart Combination Relay 30 amp

Suitable for cars towing caravans with big fridges

Wiring Details



Pin Number <i>(on both relay and 12s socket)</i>	13pin wire <i>(Pin number / wire colours)</i>	7 pin 12s wire colours	Circuit
6	10 / Grey	Red	Fridge
2	10 / Grey	Blue	Aux fridge feed: link in caravan plug to support heavy-duty fridge
4	9 / Orange	Green	Interior lights (switched in caravan, when fridge circuit comes on during towing, to charge battery.)

Other 12s 7-core wires:

Yellow is for the trailer reverse light.

White is the earth for pin 4

Brown is spare

Black is the earth for pin 6

Heavy-duty 12S cabling is recommended to avoid voltage drop at high currents.
Note the twin 44's power feed to the relay.

[Read If you are attaching this relay to charge a leisure battery using the switching function.](#)

This relay is only designed to be used as a trickle charger.

Link both switched outputs (Pin 2 and Pin 6) to the battery.
This will allow the relay to cope better with any increased power draw and improve reliability of the relay.

Quality – Service – Innovation

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