

**MP288 TEC2 IGNITION SWITCHED COMBINATION RELAY (REFRIGERATOR AND BATTERY CHARGER)**

**Prevents discharge of the towing vehicle Battery and isolates the caravan refrigerator when the engine is not running.**

**FITTING INSTRUCTIONS**

1. Do not connect unit to the mains. Suitable for 12v negative earth vehicles only. For safety, disconnect car battery before fitting the Unit.
2. The relay should be fitted in a dry ventilated space, in a position providing protection from physical damage and close to the 12S socket.(usually in the boot of the vehicle)
3. Connect the terminal marked **0V** on the relay to a good Earth, using 0.65mm cable.
4. Connect the terminal marked **Ign** to the thin wire between the vehicle alternator and the alternator charge warning light on the vehicle dashboard, or to a supply that is only live when the ignition is turned on, but not when the starter motor is being operated e.g. the supply to the windscreen wipers, using 0.65mm cable.
5. Connect a heavy duty wire (minimum 2.0mm) from the Positive terminal of the vehicle Battery through a 16 amp. fuse situated close to the battery) to the terminal marked **12V** on the relay.
6. Connect the **Blue** wire from Pin 2 of 12S socket to the terminal marked **2** on the relay.
7. Connect **Green** wire from Pin 4 of 12S socket to the terminal marked **4** on the relay. Pin 4 is permanently live, supplies interior lights and is switched to battery charging by a relay in the caravan when the vehicle engine is running.
8. Connect the **Red** wire from Pin 6 of 12S socket to the terminal marked **6** on the relay.
9. Re-connect battery.
10. Turn Car engine on. Pin 2, Pin 4 and Pin 6 in 12S supplementary socket should now be live.

Please note that these units have been factory tested. However, should a unit fail to work correctly,

Please check:-

1. All wiring for short circuit etc.
2. In line fuse (16A).
3. That car charging circuit is working.

Relay Terminal	Connection
Ign	Alternator to charge warning light wire or ignition live
12v	Cable from car battery
6	12S Socket - Pin 6. Red Lead
4	12S Socket - Pin 4 Green Lead
2	12S Socket - Pin 2 Blue Lead
0v	Suitable earth, minimum 16/0.2 thin wall preferably to chassis with ring terminal