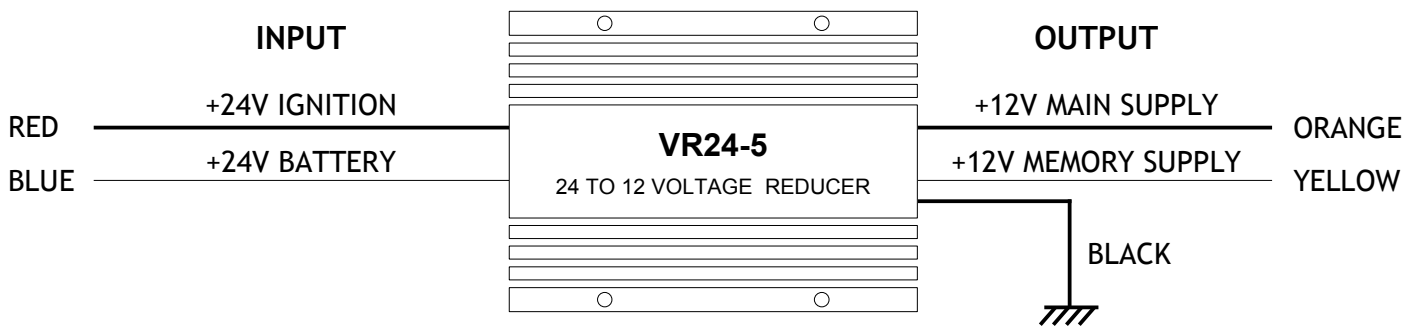




**ANYTHING ELECTRONIC (NZ) LTD.**

## 24 TO 12 VOLTAGE REDUCER

Part No: VR24-5



### **INSTRUCTIONS**

Mount the reducer in an open area to allow airflow for cooling; important for high current operation. The reducer should be mounted with the black earth lead connected to battery earth or a good chassis earthing point. Keep the output wiring shortest to minimize wiring voltage drop.

The RED +24V - IGNITION lead is the main 24V feed to supply the ORANGE +12V - MAIN SUPPLY OUT. This is the main supply for the 12 volt equipment.

The BLUE +24V - BATTERY lead is the backup 24V battery feed to supply the YELLOW +12V - MEMORY SUPPLY OUT. This is the MEMORY BACK-UP supply feed.

If this option is not required, the wires can be cut or taped out of the way.

### **NOTE: Under no circumstances should:**

- a) A full positive feed be applied to any connection other than the RED and BLUE input leads.
- b) The BLACK earth wire be removed while the unit is connected to the 24V supplies and the 12V equipment.
- c) The reducer fitted to any other than a negative (-) earth vehicle.

Failure to observe the note above will result in catastrophic damage to the reducer and / or the 12V equipment connected, invalidating the guarantee.

### **SPECS:**

MAIN SUPPLY CURRENT - 5A cont. 5.5A peak

MEMORY SUPPLY CURRENT - 1A cont. 1.5A peak

INPUT VOLTAGE - 30V max. 18V min.

MAIN SUPPLY OUTPUT VOLTAGE - 13.8V nom.

MEMORY SUPPLY OUTPUT VOLTAGE - 12.0V nom.

OUTPUT OVER VOLTAGE, OVER TEMPERATURE AND SHORT CIRCUIT PROTECTED.

Warranty statement on reverse.

**ANYTHING ELECTRONIC (NZ) LTD.**

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