



Multi circuit reducers are designed specifically for applications with incandescent & LED lighting for caravans, box trailers and other automotive vehicles. When choosing which model to use you should determine the load required to be carried by each circuit as accurately as possible and choose the model which has a capacity of 10-15% above the estimated current needed to allow for wiring resistance in trailers. The VR6 and 9 series are designed for caravans, box trailers and other small trailers where the length of cable does not exceed 6m.

The VR11,VR12 & VR13 are designed for semi Trailers, B Double and B Triple Road Train.

VR6	4 circuits (360W Total Output)	VR12	5 circuits (3 @ 240W & 2 @ 480W)
VR9	4 circuits (480W Total Output)	VR13	5 circuits (2 @ 240W & 3 @ 120W)
VR9-5C	5 circuits (480W Total Output)	VR11	4 circuits (480W Total Output)

Note: VR6, VR9 and VR9-5C should be mounted internally.
VR11,VR12 & VR13 are encapsulated and can be mounted externally

Please Choose a Mounting place that:

1. Has good ventilation where air can pass freely around the unit.
2. Is away from where external heat is produced or near where the batteries are locate e.g. exhaust system
3. Is protected from water spray and other sources of contamination e.g. oil and grease.
4. Fix to a metal surface.

Connection:

1. Install using the wiring code on the reducer
2. Limit the length of cable. If the cable exceeds 6m, voltage loss may occur
3. When testing the unit, a minimum load of 100ma is required in order to activate the reducer. Under no load conditions output readings of 24 volts will be obtained.

Note: The unit can only be tested using a test light or oscilloscope. Do not connect circuits in parallel.

Warranty Conditions: The product is warranted to be free from defects in materials and workmanship under normal use and service for a period of 24 months from the date of sale. This warranty covers defective parts and workmanship provided that the product is shipped prepaid to the seller within 24 months of purchase of goods. This warranty is limited to the repair or replacement (at the manufacturers' discretion) of parts and shipping prepaid to the original despatch destination. We regret that no liability can be accepted for consequential or special damages of any kind howsoever arising in connection with products supplied by the seller. This warranty is in lieu of all other warranties expressed or implied. No representative is authorised to assume for the seller any other liability in connection with the seller's products.