

## C12-4 12V Distribution Box.



### FUNCTION

The C12-4 is used to provide 12V power for trailer lighting without overloading the towing vehicle lighting circuits. It is especially suitable for modern vehicles with computer lighting control units that report lighting faults.

### CONNECTIONS

The C12-4 has 10 wires, to be connected as shown below.

VIOLET wire.....+12V battery supply.  
WHITE wire.....Connect to vehicle earth.

#### **INPUT wires (with violet wire) are connected to towing vehicle lighting circuits:**

BROWN.....TAIL lights  
RED.....BRAKE lights  
GREEN.....RIGHT INDICATOR  
YELLOW.....LEFT INDICATOR

#### **OUTPUT wires (with white wire) are connected to trailer lighting circuits:**

BROWN.....TAIL lights  
RED.....BRAKE lights  
GREEN.....RIGHT INDICATOR  
YELLOW.....LEFT INDICATOR

### RATINGS

The input wires draw approx 40mA from the towing vehicle lighting circuits.  
The output circuits (to the trailer) are rated at 10A max. The total output rating of all trailer lighting circuits combined is 20A.

### PRECAUTIONS

It is recommended that the VIOLET 12V supply wire have a 20A fuse installed, this fuse is not supplied. This should not be replaced with a fuse of higher rating. The internal electronics are potted in silicone elastomer to prevent moisture ingress, but the unit should be protected from the direct blast of pressure cleaning.

**FREE TECHNICAL ASSISTANCE** contact Redarc Electronics  
Ph (08) 8322 4848, Fax (08) 8387 2889  
or Email [power@redarc.com.au](mailto:power@redarc.com.au)  
*Specifications are subject to change without notification.*