



GL017 - LED INDICATOR LAMP LOAD DEVICE

NON-VEHICLE SPECIFIC

FITTING INSTRUCTIONS

Installation instructions for RCT401 Ring Smart Load Device



Electricity can shock, burn and cause damage to your vehicle!
Disconnect the relevant fuse before wiring up your Smart Load Device.



Drills can be dangerous!
Make Sure that the person operating the drill is trained and takes adequate safety precautions.



Electrical cables can melt!
Do not use cables with a cross sectional area of less than 1mm².



Electrical cables can affect other equipment!
Route product supply cables away from sensitive cables (e.g. Radio, aerials, antilock braking etc.) If this is not possible cross the cables at 90°.

Information

This product is approved to EMC Directives 95/54/EC and 2000/2/EC

The Smart Load Device is designed only for use with Light Emitting Diode type (LED) Rear Direction Indicator Lamps on vehicles using a conventional flasher unit. Correct operation cannot be guaranteed if used in any other application or on a vehicle with an advanced lighting system controller.

The device should be securely fastened using M6 fasteners to a flat metallic surface with adequate air circulation away from any head sensitive components. Although it is sealed it should not be mounted in a position exposed to road debris or spray as this may clog the cooling fins and cause overheating but may be installed at any convenient position between the flasher unit and the lamp.

It is recommended that only one RCT401 Smart Load Device is used for the mandatory outboard LED lamp on each side of the rear direction indicator circuit (i.e. 1 left & 1 right). Any optional extra LED Direction Indicator Lamps should not require a Smart Load Device.

The unit is designed for dedicated voltage, i.e. 12V nominal; make sure that you have the suitable part for your vehicle

Operating voltage range for RCT401 - 10.8 Volts DC to 13.8 Volts DC

Care should be taken to ensure that the cables are connected in accordance with the wiring diagram. The green and yellow cables must not be allowed to contact negative.

Although the device has built in over-voltage protection, a non-replaceable internal fuse protects over-current and short circuit conditions. If this fuse blows the device will permanently indicate a 'bulb failure' and will need to be replaced.

All electrical connections should be protected from moisture and mechanical damage.

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