SOLID STATE WARNING LIGHT CONTROL UNIT - RGM NUMBER 130002

This device is designed to switch off a standard warning light bulb (i.e. up to 3W) when the input voltage reaches in excess of 12.3 volts with about 200mV hysteresis. It is designed to be a universal device suitable for any 12 volt system - be that car, motorcycle or whatever.

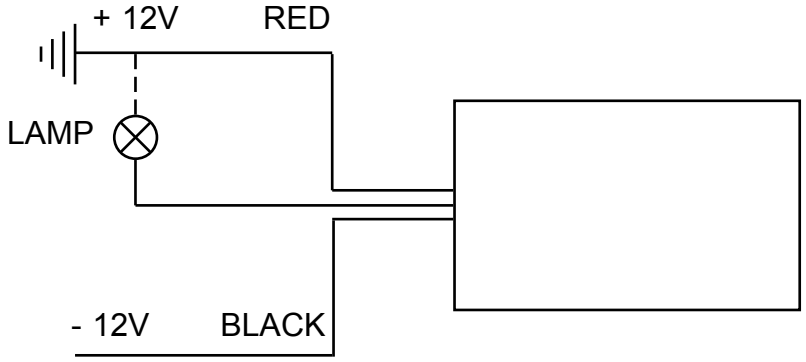
FITTING INSTRUCTIONS

As the unit is quite small it is normal practice to mount it in the headlamp shell. Connect the black wire to any 12 volt supply that is live when the machine is switched on (i.e. ignition, horn, headlamp flash, warning light - whatever, it must be live when the machine is switched on). Connect the red lead to earth. This leaves the yellow lead, which goes to the centre terminal on the bulb. The case of the bulb must also be earthed.

NOTE

If, once connected, you switch on the machine and the light does not light up, it may be that the battery voltage has crept up above 12.3 volts. Try hitting the horn or the headlamp flash, as this will stabilise the voltage and the light should come on.

Remember that the device switches at 12.3 volts. If it comes on when you are riding, particularly with the lights on, it is demonstrating that your machine is not making 12.3 volts. It is therefore giving a much more accurate account of events than for example the assimilator on a Commando, which switches at 6 volts.



Please do not connect up using the original wiring for the Commando warning light assimilator as this measures A.C. and not D.C. You could use the earth and bulb connectors but the power to the unit must be D.C. If you wish to mount it in the original assimilator position you could take a lead from the white ignition lead. (before the ballast resistor).