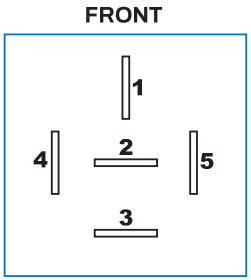
GSL ELECTRONICS

EasyAS

12V/24V Alternator Sensing Ignition Source

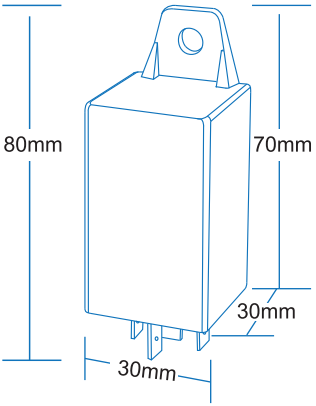
Operating Instructions- Please read these instructions before use

Australian Patent No. 2021101405



1 - Negative
2 - Output V+
3 - Input V+
4 - Control On/Off
5 - Mode Select

EasyAS - Specifications	
Voltage	12V/24V
Current	8A
Dimensions (mm)	80 x 30 x 30 (H x W x D)



EasyAS

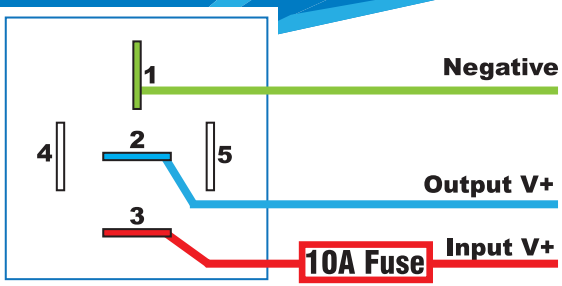
EasyAS Alternator sensing ignition source is one of the easiest ways to find an ignition source in a vehicle when wiring up devices requiring ignition or control connections.

Features include:
- Easy installation. As easy as 1,2&3.
- Optional On/Off control at the device
- Can be configured in Voltage Sensing Relay (VSR) mode
- Can direct drive loads up to 8A
- Designed to fit standard 5 pin relay sockets.

Installation

1. Mount the unit in a dry, moisture free environment away from inflammable materials. e.g. Fuel Lines or Exhaust Systems.
2. If using a socket or spade terminals. Make sure they are tight and secure.
3. Mounting can be done via the provided 5.5mm eyelet hole for screw mounting at the top of the unit. If mounting alternatively use best practice and common sense.
4. Connect the using the 1,2,3 procedure overleaf and choose the other methods where appropriate.

EasyAS Wiring Guide



EasyAS - 1,2,3 Setup

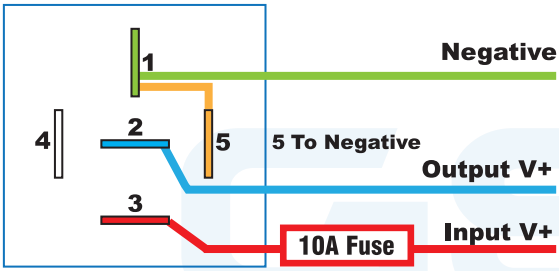
As simple as **1**, **2**, **3**.

In this mode the EasyAS will detect when the alternator is charging and turn on.

Wire **Pin 2** to the device you want to turn on. Easy as that.

Note: Make sure Pin 3 - Input V+ is connected to a source that connects directly to the charging system

There are some products out there that may cause interference with the operation of the EasyAS. Non ACMA compliant products and some DC motors. In these cases it may be nessacary to use the VSR Mode.

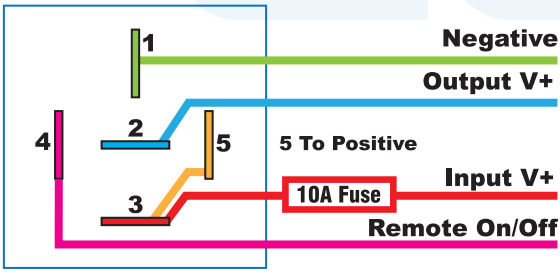


EasyAS - VSR Mode

If the alternator cant be sensed. (i.e. going through a voltage converter or booster) then VSR mode can be an alternative.

To get this mode connect **Pin 5** to **Negative.**

In this mode the switch will turn on above **13V** and disconnect at **12.5V**



EasyAS - AS + Remote On/Off

So your happy with the alternator sensing but you wish you had a On/Off switch at the device or an override?

Connect **Pin 5** to **Positive** and now you are in AS+ mode

Now the unit will only turn **On** the output when **Pin 4** is connected to **Positive** and the alternator is charging. Leave **Pin 4 Floating** for output to be **OFF**

Warranty Conditions:

Our products come with guarantees that cannot be excluded under the Australian Consumer Law. The customer is entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. The customer is also entitled to have the products repaired or replaced if the products fail to be of acceptable quality and the failure does not amount to a major failure. GSL Electronics (GSL) warrants that its products will, under normal use and service, be free of defects in material and workmanship for a period of that its products will, under normal use and service, be free of defects in material and workmanship for a period of three (3) years from the date of the original purchase by the customer as marked on the customer's original invoice.Please refer to our full warranty and return information which can be found at http://www.gsl.com.au/faq.html

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