

24 to 12 Volt 7A
Single Circuit Switchmode Reducer
With Continuous Memory Output
Operating Instructions
Please read these instructions before use



When Installing Please Note:

1. The following connection sequence is to be followed: Ground , Input , Output .
2. Preferably mount the unit inside the vehicle. Avoid locations where external heat is produced e.g. exhaust system or where the batteries are located.
3. Choose a position with good ventilation where air can pass freely around the unit.
4. Ensure the unit is protected from water spray and other sources of contamination e.g. oil, grease and dust.
5. Ensure that unit is installed away from any flammable fumes, liquids or materials.

Note: A spark can sometimes be generated during the Input connection, due to the current required to charge the capacitors in the reducer.

12V+ Output for Memory
(20mA Max Continuous)

24V+ Input

10A Fuse
(Not Supplied)

Ground

24V+ Ignition (From Vehicle)

12V + Output (7A)



When Installing Please Note:

The reducer is protected against over voltage, under voltage (during cranking of vehicle), over current (overload) and voltage spikes or surges. Under any of the above conditions the converter will shut down.



The Output for Memory is current limited to 20mA and is designed as a memory source for 12V equipment. Please consult your service manual of your device before use of this connection.

Notes:

- To reset the reducer, disconnect Input and wait 20 sec. before reconnecting.
- If the unit continues to shut down after being reset and the connections and input voltage have been checked then please return the unit for repair.

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 two (2) years from the date of the original purchase by the customer as marked on the customer's original invoice. Please refer to our website for full warranty and return information which can be found at <http://www.gsl.com.au/faq.html>