

VIM Series 12V-24V Multi Circuit Voltage Boosters.

FUNCTION

The Redarc VIM series converters supply 24V DC outputs from a nominal 12V DC supply. Conversion efficiency at full load is approximately 85%, for this reason, a sound connection to the (earthed) battery negative terminal, either direct or via the vehicle's chassis, is essential. (Full input current flows in the white ground wire).

PRECAUTIONS

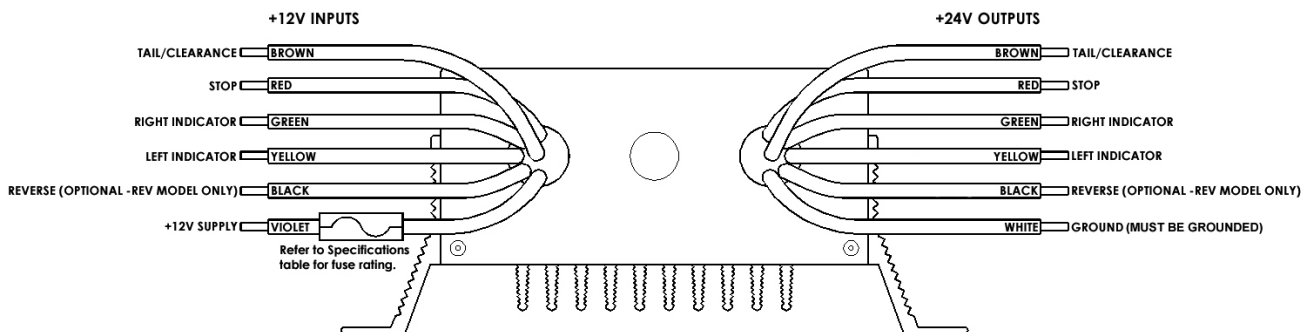
- Connections to the 12V battery should be via a relay operated by the ignition switch, to avoid overloading the switch.
- A fuse or circuit breaker **MUST** be installed in the 12V supply line, close to the battery. It is recommended to fit fuses to each output circuit.
- The case dissipates a moderate amount of heat and requires air flow for cooling, especially when operated at or near full load or in hot conditions.
- The internal electronics are fully potted in silicone elastomer but care should be taken to avoid the direct blast of steam cleaning.
- The unit should be mounted in a sheltered location, protected from any build up of mud on the casing.

SPECIFICATIONS

MODEL	VI360M	VI720M
Supply range	12V-15VDC	12V-15VDC
Recommended Input Fuse	30A	80A
Output Current Rating	15A	30A
Output Voltage	24VDC	24VDC
Conversion Efficiency	>85%	>85%
Ambient Temperature Range	-10°C-+50°C	-10°C-+50°C
Dimensions	200x135x60mm	300x135x60mm
Weight	1.2kg	2.0kg
Warranty	2 years	2 years

Plus Relay Box

CONNECTIONS



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