



Power Module

42 Volt

Product Manual

General Description

AGD Power Module is a multipurpose 42 Volt power supply for all the devices which have this voltage configuration. Designed in Australia to meet with Australian Standards

Features

- Over Current Protection
- Short Circuit Protection
- Power Good Output
- Relay Output
- 4 Channel Wireless Inductive Loop Simulator



Key Specifications

Input Voltage Range: 36-75 VDC 32-52 VAC

Output Voltage: 24 VDC - 4.2 Amps

Insulation Resistance

- Between AC input and secondary applied 500VDC for 1 minute > 100M ohm

Dielectric Strength

- Between AC input and secondary AC 3200V, DC 4524V
- Test time 3 seconds and cut-off current shall be less than 5ma





Connection Setup

Power Input 42 VAC

- Active
- Neutral
- Earth

Relay Outputs Feedback to External Devices

- Common
- Output 1 Normally Open
- Output 1 Normally Closed
- Output 2 Normally Open
- Positive

24 VDC Output AUX Supply Output

- Positive
- Negative

Radar Connection Supply and External Triggering Devices

- 24 VDC Positive Output
- 24 VDC Negative Output
- Negative Common
- Spare Terminal
- Input 1 from Detector
- Spare Terminal
- Input 2 from Detector

