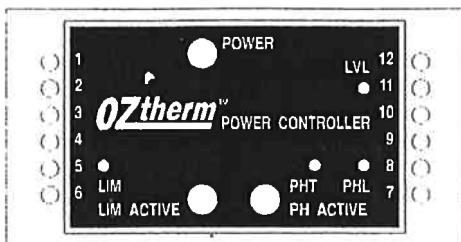
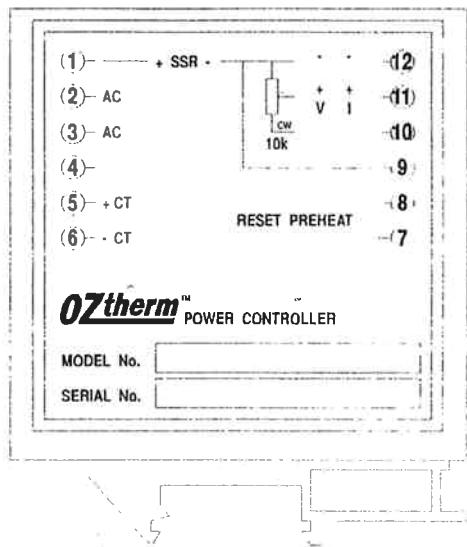




Power Controller



H x W x D = 79 x 40 x 86 mm



F-312

SINGLE PHASE CONTROL MODULE

The OZTHERM F312 Control Module in conjunction with a random cross Solid State Relay (OZTHERM F100 series) provides a low cost single phase angle controller. A full range of industry standard control inputs are available as well as current limit and preheat (reduced voltage starting). Inputs and outputs are fully isolated from the mains and soft start is provided as standard.

MODEL DESIGNATION / ORDER CODE

| F312 - [] - [] - | | DESCRIPTION | |
|--------------------|--|--------------------------------|------------------------------------------------------------------|
| 1 | | 110 volt A.C line input | Not Recommended for the Control of Transformer Primary Windings. |
| 2 | | 240 volt A.C line input | |
| 4 | | 415 volt A.C line input | |
| C | | Current limit | External CT and burden |
| P | | Preheat | Reduced voltage start with built in timer |
| VP | | Potentiometer control (10kohm) | |
| V5 | | 0 to 5V control | |
| V10 | | 0 to 10V control | |
| VA | | 4 to 20 mA control | |



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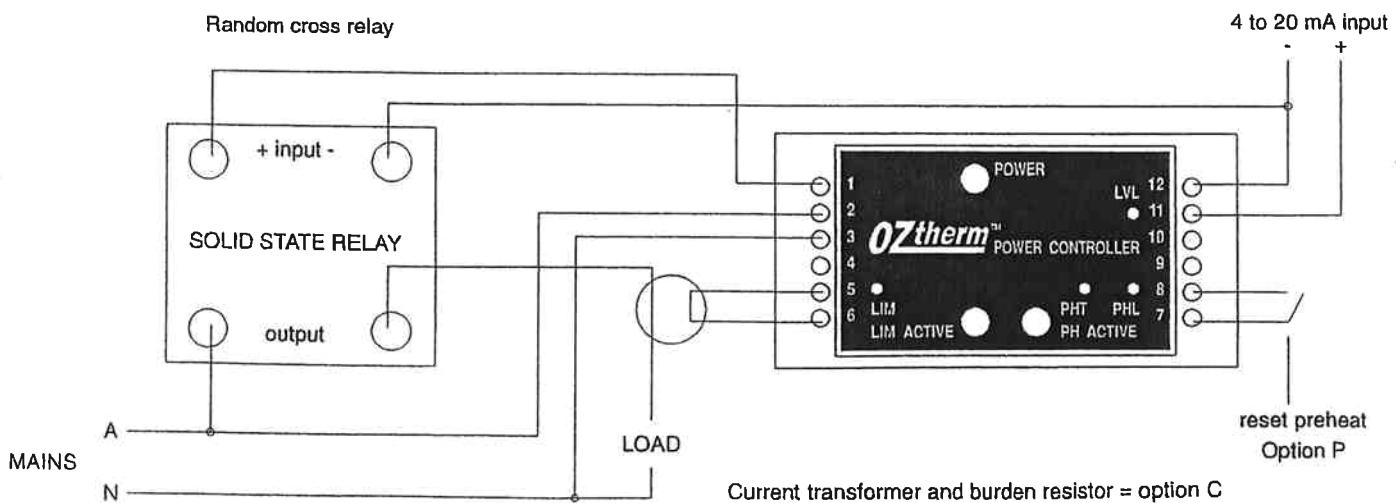
Web: www.fastron.com.au
Email: sales@fastron.com.au
Telephone: + 61- 3 - 97635155
Facsimile: + 61- 3 - 97635206

F-312 SINGLE PHASE CONTROL MODULE

Specifications

| | |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control Mode | Phase angle. (soft start provided as standard - 1sec) |
| Control Range | 2 - 98% |
| Power Supply | 110/240/415 volts A.C . 50 HZ. +/- 10% (60 HZ. and other voltages available on request) |
| Control Input | 4 - 20 millamps (receiving impedance 220 ohms) 0 - 10 volts or 0 - 5 volts (receiving impedance 10K ohms) 10K ohms potentiometer |
| Adjustments | Span (0 - full scale) Current limit (0 - 100%) - Option C Preheat level (0 - 60 %) - Option P Preheat time (7 - 150 sec) - Option P |
| Indications | Power on LED Current limit active LED - Option C Preheat active LED - Option P |
| Ambient Temperature | 0 - 50 degrees Celsius |
| Ambient Humidity | 0 - 85% relative humidity |
| Power Factor | Unity |

Connection diagram



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- Process Control

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