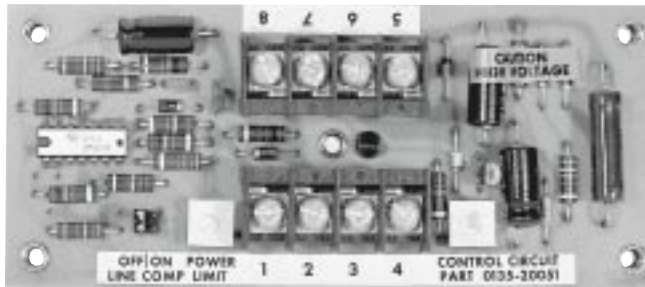


Vari-Watt Power Controller

- Allows Manual Control of Heaters Using 4115 Solid State Power Controllers
- Power Limit Adjustment and Line Compensation Features
- Accepts 3 Input Types - 4-20 mA, Contact Closure and Potentiometer
- Available from Stock

Features

- Vari-Watt accepts 4-20 mA, external contact closure or remote 10K potentiometer control signal inputs.
- Power limit adjustment is field selectable, allowing the maximum load power to be set from 0-100%, and is particularly useful for load protection.
- Line voltage compensation feature is also field selectable, and is designed for use when the Vari-Watt is operated manually. When implemented, this feature minimizes the effects of line voltage fluctuations and load changes.
- Red LED located on the controller indicates load power "ON".

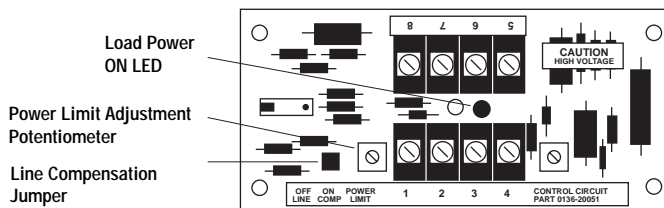


Description

The Vari-Watt controller accepts a control signal input and produces a time proportional output signal to drive solid state power controllers, such as the Chromalox 4115 SCR

power controller. The Vari-Watt and 4115(s), when used together, provide an affordable total power control system that results in continued cost saving through reduced power usage.

Vari-Watt Power Controller



Specifications

Control Signal Input

4-20 mA dc
External Contact Closure (ON-OFF)
External 10K Potentiometer (manual adjustment)

4-20 mA Input Specs

Input Impedance 200 Ohms
Turn ON Signal 4-6 mA dc
Full ON Signal 18-20 mA dc

Output 15 Vdc at 15 mA, nominal

Cycle Time 1 second, nominal

Line Voltage Compensation Automatic, Over Range of 40-100% of Power (can be disabled)

Dimensions 5.5" x 2.4" x 1.4" with 4 Inch Standoffs

Ambient Temp 0-55°C

Power Requirements 120 Vac. 50/60 Hz, 5 VA

Ordering Information

| Description | Part No. | PCN |
|------------------------------------|------------------|--------|
| Vari-Watt Power Controller | 0135-20051 | 313568 |
| Remote 10K Potentiometer Kit | 0135-27000 | 313947 |
| Isolation Transformer* | 0005-12237 | 313955 |

*Required for remote 4-20 mA input signal applications