The model 1037A is a single-phase, distributive-zero-cross SCR controller which linearly controls, with respect to a command signal, either the average load voltage or the average load current applied to a variable resistive load.

The 1037A controller uses average voltage feedback or average current feedback and is especially suited to control the electrical power applied to a single-phase resistive load (such as silicon carbide heating elements) where the resistance changes with age and/or element temperature.
ORDERING INFO

Basic Model Number: 1037A - x - xxxV - xxxA - Rx/x -Ix/x

Feedback: Average Voltage (A) or Average Current (IFB).

Line Voltage: 120, 208, 240, 277, 380, 415, 480, or 575

Load Current: 50, 80, 120, 160, 200, 250, 300, 380, 425, 500, 600, 750 Amps

Run Command Signal: 0/5 Vdc, Potentiometer or 4/20 mA

Idle Command Signal: 0/5 Vdc, Potentiometer or 4/20 mA