

1037A

Single-Phase Zero-Cross SCR Power Controller

FEATURES

- Sync-Guard™
- Trans-Guard™
- Shorted SCR Protection
- Current Metering Output
- Duty Cycle Metering Output
- Remote Load Current Indicator
- Run or Idle Input Selection
- Remote Command Limit Control
- Voltage or Current Feedback



APPLICATIONS

- Silicon carbide heating elements
- Loads that change with resistance with time.
- Loads that change resistance with temperature



LISTED 3L32
INDUSTRIAL
CONTROL
EQUIPMENT
E136219



CERTIFIED
BY UL TO
CANADIAN
NATIONAL
STANDARDS

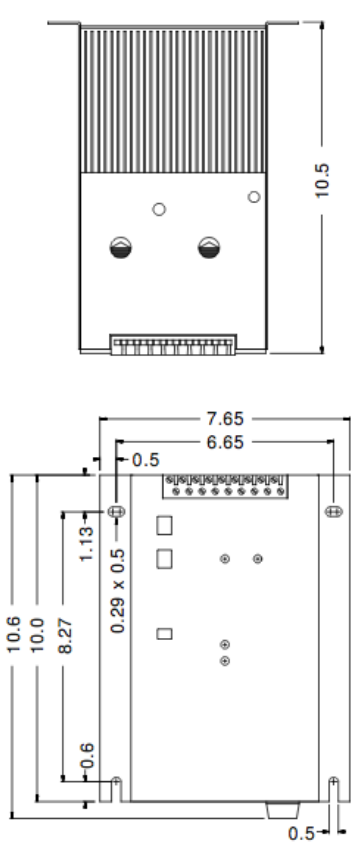


DESCRIPTION

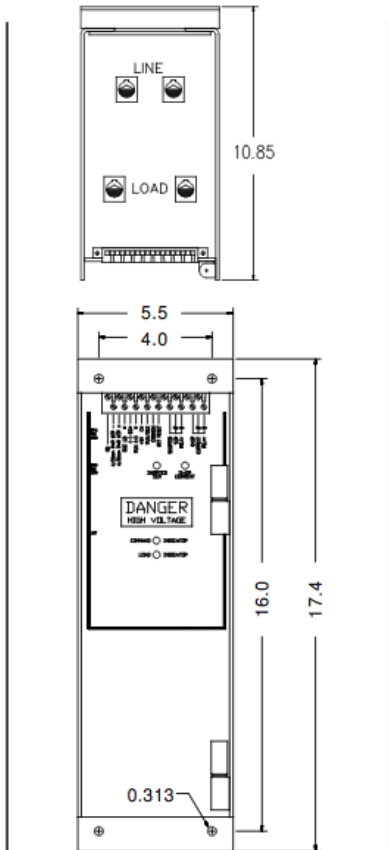
The model 1037A is a single-phase, distributive-zero-cross SCR controller which linearly controls, with respect to a command signal, either the average load voltage or the average load current applied to a variable resistive load.

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.

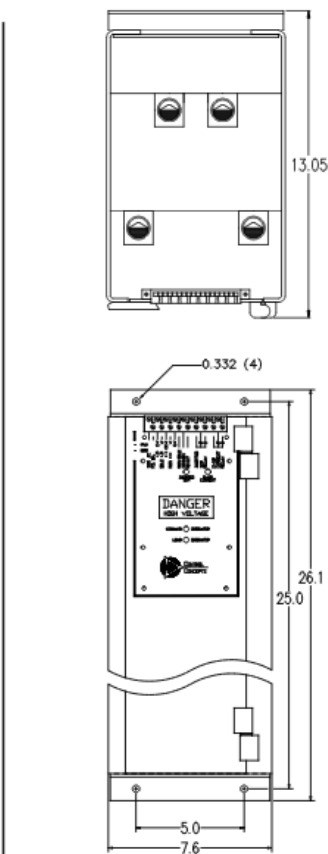
DIMENSIONS



50, 80, 120 & 160 Amps



200, 250, 300, 380 & 425 Amps



500, 600 & 750 Amps

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 _____

CONTACT/ORDERING INFORMATION

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