

2022

Single-Phase Phase Angle Power Controller

FEATURES

- Soft start
- Missing cycle detection
- Dual Command Inputs
- Remote Command Input Selection
- Power Level Transfer
- Mode LED
- Command LED
- Isolated Command Signals

APPLICATIONS

- Silicon Carbide Heating Elements
- Loads that change resistance with time
- Loads that change resistance with temperature

DESCRIPTION

2022 is a single-phase, phase-angle SCR power controller with two remotely selectable inputs. It accepts command signals of 0-5Vdc, 0-10Vdc or a potentiometer.

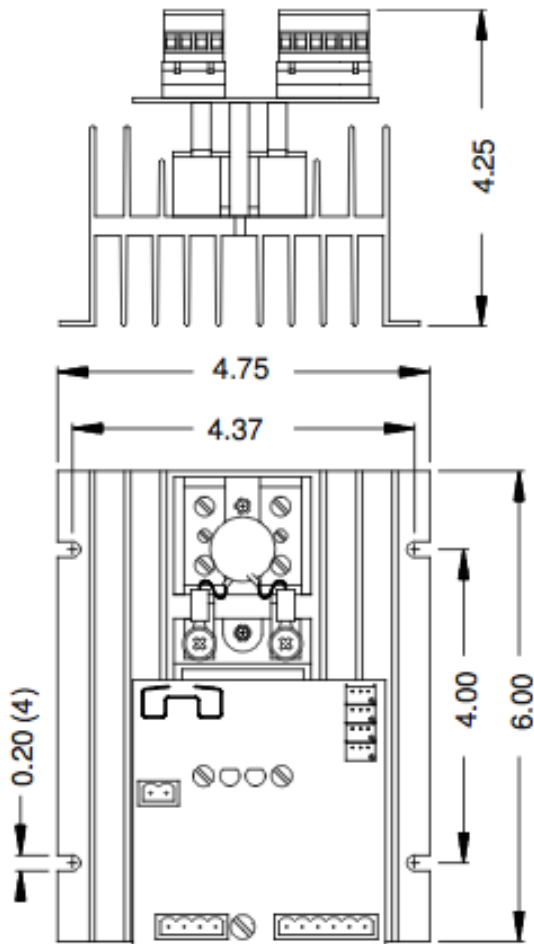
2022 can be made to accept a 4/20mA current loop command with the addition of a resistor (R27 or R28) to the circuit. Contact factory for details.

2022 also controls the RMS voltage to the load proportional to the command signal, independent of line voltage changes.

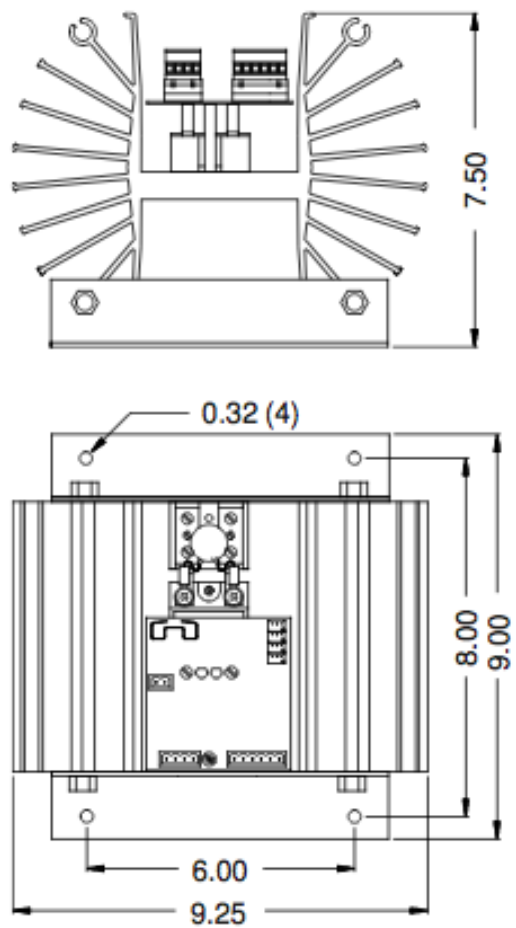


DIMENSIONS & CONNECTIONS

10, 20, 30, & 40 Amps



70 Amps



ORDERING INFO

Basic Model No. _____ **2022 - xx-xx - Rx/x -Ix/x**

Line Voltage; 12 = 120Vac, 24 = 240Vac, 48 = 480Vac or 57 = 575Vac _____

Load Current: 10, 20, 30, 40 or 70 Amps. _____

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

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

CONTACT/ORDERING INFORMATION

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