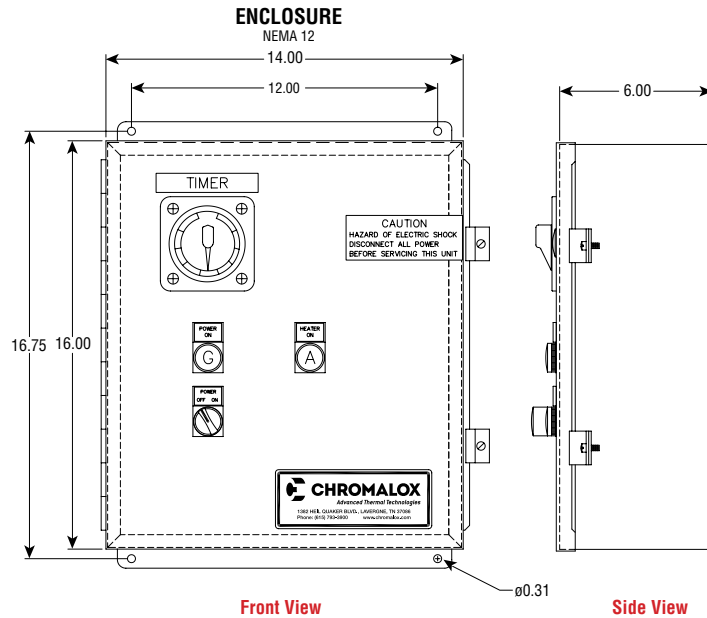


## HCP

### Percentage Timing Input Controllers

- Motor Driven Cycling Device, 115 & 230 VAC
- 50/60 Hz, 20 & 25 Amp Capacity
- 50/60 Hz, 60 Amp Capacity (HCP only)
- 15 & 30 Second Cycles



All Dimensions in Inches (mm)

#### Description

Completely wired mechanical control package for infinitely varying radiant heater output. The heavy gauge metal enclosure includes a door-mounted input controller, indicator lights and ON/OFF switch for the control circuit. Panel mounted inside is a 3-pole magnetic contactor for power interruption, a voltage step-down transformer to provide 120 VAC to the control circuit from a 240 or 480 VAC power supply, and a 2-pole fuse block to protect the transformer. The HCP can be used to control either single or 3-phase loads. PCN 309905

#### Features

Percentage timing can be set to energize a heater for a chosen percentage (4-100%) of a preset 15 or 30 second cycle, thus derating heat output to match varying work sizes, loads or conveyor speeds.

Settings are repeatable between instruments and provide constant percentage of heat output.

#### Applications

- Processes requiring exact replication of heat pulses.
- Varying work loads
- Conveyors
- Radiant heat control

#### Specifications and Ordering Information

Time <sup>1</sup> Cycle Sec.	Volts Mtr.	Capacity Amps	Type of Mtg.	Model	Stock	PCN	Wt. (Lbs.)
15/30	120	60 <sup>3</sup>	Surface/Wall	4439-23006	S	309905	30

Stock Status: S = stock

#### Notes —

1. When used on 50 Hz, standard units will provide 36 second cycle instead of 30, or 18 second cycle instead of 15.
2. 25 Amps permissible on 230V but not UL.
3. Contactor capacity.

**WARNING: Hazard of Fire.** These devices function as energy controls only. Because they do not fail-safe, an approved temperature and/or pressure safety control must be used for safe operation.