



CH

Infinite Control Mechanism

- Mechanical Bi-Metal Operation
- Knob Setting 0 - 100% Output
- Double Pole, Single Throw (DPST) Snap-Action
- Positive Break
- 120 or 240 Vac
- 1,800 & 3,600 Watts
- UL Component Recognized



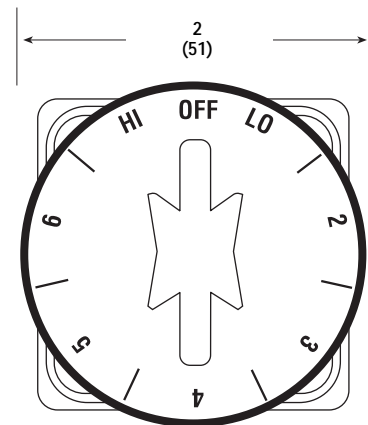
Description

The CH gives infinite control for noninductive loads up to 15 Amps on 120 or 240 Vac (cannot be used with external contactor). It can be turned either to left or right to select proper heat from 0-100% wattage with infinite control over the first 50% of total wattage.

Energized continuously in HI position, at other settings it delivers selected input level under control of a simple bimetal timer.

Only 3 mounting holes are necessary to install the CH in customer supplied box or panel. It is designed for use at ambient temperatures up to 180°F.

Dimensions



All Dimensions in Inches (mm)

Features

- Simplicity of design with no cams or levers to adjust, and no motor to burn out.
- Automatic compensation for line voltage fluctuations up to $\pm 15\%$.
- Bimetal acts at settings less than HI to limit electrical input and depress temperature.

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.

Specifications and Ordering Information

Volts	Max. Rating Watts, AC*	Model	Stock	PCN	Wt. (Lbs.)
120	1800	CH-152	S	266386	3
240	3600	CH-252	S	266394	3

Stock Status: S = stock AS = assembly stock NS = non-stock

Notes —

1. CH cannot be used with contactor.