



Appliance Controls

CB-10 Temperature Regulating Control



The CB-10 Temperature Regulating Control is an ideal electronic replacement for electromechanical controls. Complete with sensor, this control provides the solution to a complete single source system.

The CB-10 is designed for use in a wide range of commercial applications. Examples are coffee makers, food warmers, toaster ovens, etc.

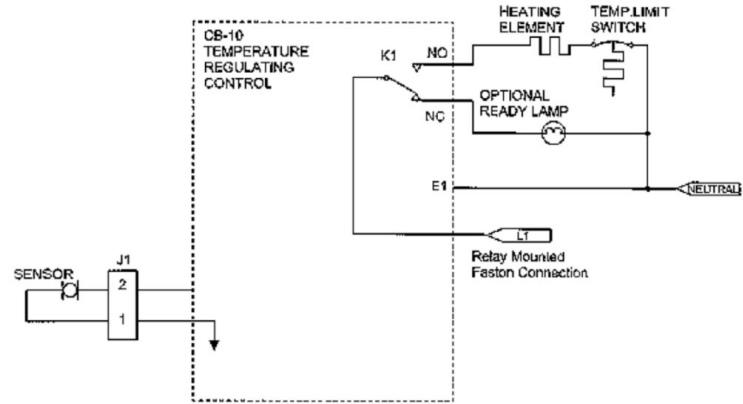
Design Features

- Compact in design
- Temperature ranges
800° - 220° F
100° - 200° F
(optional ranges by request)
- Negative Temperature Coefficient Sensor (NTC) Thermistor
Standard Sensor 100K ohm at 25° C
- Quick Connect terminals
- Sensor connector type
- Control set point
- Maximum control set temperature
Turn off - 201° F, $\pm 1^\circ$ F at the sensor
Turn on - 198° F, $\pm 1^\circ$ F at the sensor
- Agency listing
UL standards

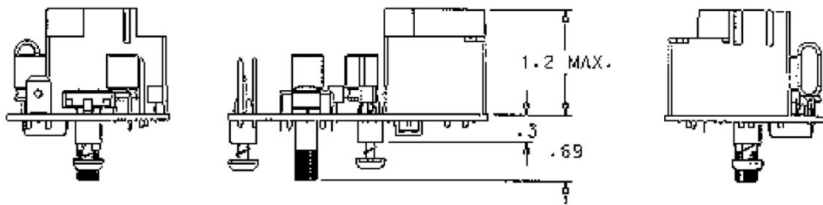
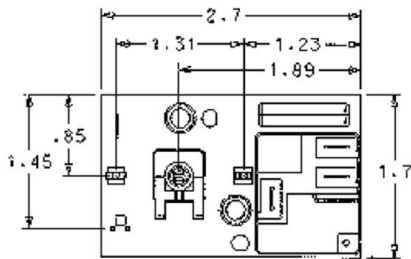
Specifications

- Ambient Operating:
Temperature 0° C to +85° C
Humidity 85% RH maximum
(non-condensing)
- Ambient Storage
Temperature 0° to +85° C
- AC Input Voltage
(L1 to N) 120 VAC +10%/-15%, 60 Hz
- Input Current
The CB-10 typically draws less than 0.1A of current when the relay is energized
- Relay Rating K1
Normally open contact 16A (resistive)
@120 VAC
Normally Closed contact 1.5A (tungsten)
@ 120 VAC
- Relay Life
Maximum relay cycles are 100,000

Electric Wiring Diagram



Mechanical dimensions



REFERENCE: OPTIONAL SCREWS 2 PLACES, HEAD DIAMETER 0.300" MAX

Side View

