

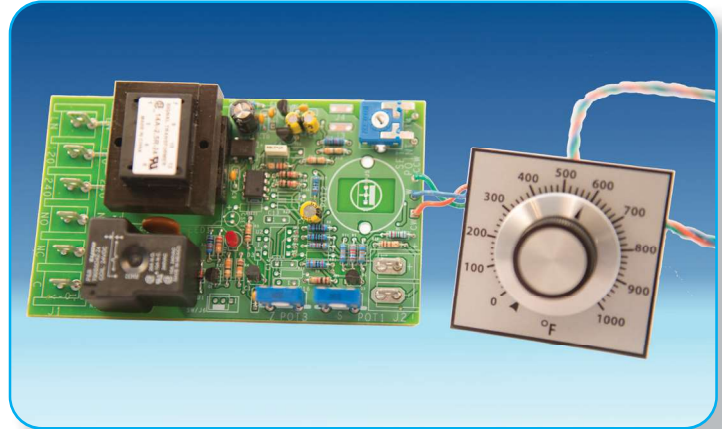


ANALOG SERIES 88 ELECTRONIC TEMPERATURE CONTROLLERS

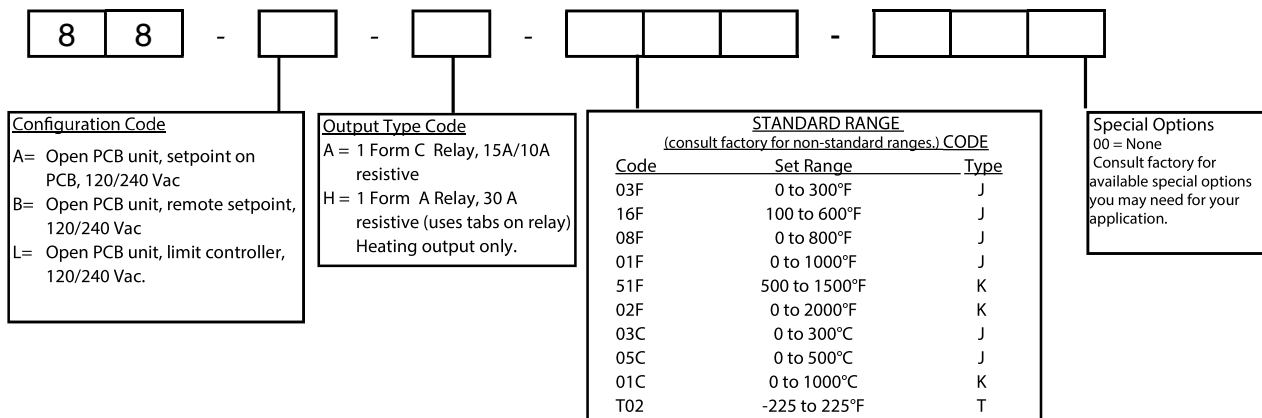
The Athena Series 88 is a non-indicating, track mounted temperature controller that can be used as a superior replacement for bulb and capillary controllers. The controller accepts thermocouple input, and offers a 15A relay output for heating or cooling processes, or an optional 30 Amp relay output for heating only processes.

KEY FEATURES

- ▲ On-Off or Time Proportioning
- ▲ Failsafe on Open Sensor
- ▲ No Calibration Necessary
- ▲ 1% Accuracy
- ▲ Thermocouple Input or Thermistor Input
- ▲ Track mounted
- ▲ Cooling Processes
- ▲ Limit Controller Option Compact package design



ORDERING INFORMATION

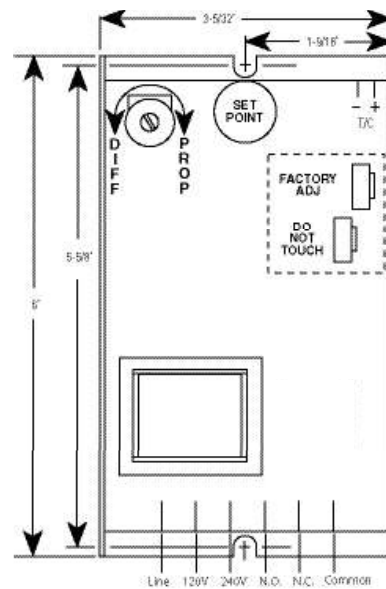


TECHNICAL SPECIFICATIONS

Setpoint	Single-turn, 270° rotation potentiometer (local or remote) is standard	Hysteresis/ Proportional Band	Thermocouple: adjustable from hysteresis of 5° to proportional band of 25° RTD: deadband is 3° to proportional band of 10°
Setpoint Resolution	1% with circuit board potentiometer, 1/4% with remote potentiometer	Thermocouple Break Protection	Output power off with open sensor
Calibration Accuracy	1% at calibration points with remote potentiometer; 2% at calibration points with potentiometer on circuit board	Output	Type A: 1 Form C Relay, 15A/10A resistive Type H: 1 Form A Relay, 30 A resistive (uses tabs on relay)
Ambient Temperature	32°F to 130°F (0°C to 55°C)	Supply Voltage	120/240 Vac ±10%, 50/60 Hz
Humidity Tolerance	5 to 95%, non-condensing	Input	Thermocouple / thermistor, sensor break protection
Cold Junction Compensation	Internal electrical bridge	Power Consumption	2 watts
		Connections	Fast-on lugs



Series 88 with Limit Option



Please use the QR code to access the manual.

All wiring to be in accordance with local code requirements,

Specifications subject to change without notice.



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