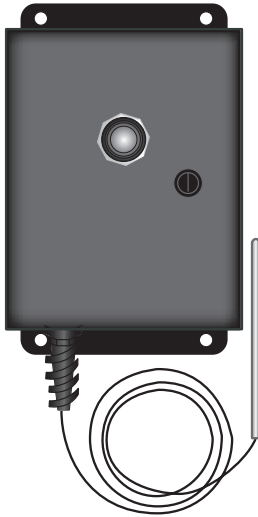
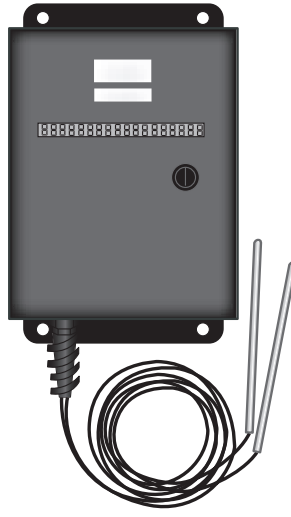


TraceMate I and II

Electronic Thermostat with Monitoring for Heat Trace Cable



SINGLE CIRCUIT TRACEMATE
TM-1P
TM-2P
AND TM-277



DUAL CIRCUIT TRACEMATE II
TM-II-CTR-120
TM-II-CTR-2P
TM-II-CTR-277

DESCRIPTION

The TraceMate™ is a self-contained electronic line sensing thermostat with monitoring capabilities that switches a 30 amp load circuit. Not for use as an ambient thermostat.

The TraceMate has a built-in adjustable 30mA Ground Fault Protection Device (GFPD) and uses a 100-ohm, 3-wire platinum resistance temperature detector (RTD).

The TraceMate controls heat tracing to a differential of 3°F (3°C) using solid state controls and microprocessor-driven commands.

MONITORING FEATURES

- Green LCD Alarm Indicator On Panel Door Of TraceMate I
- LCD Digital Display On Panel Door Of TraceMate II
- Low And High Temperature Alarm
- Current Failure Alarm
- Ground Fault Alarm
- RTD Failure Alarm
- Remote Monitoring

APPLICATIONS

- Freeze Protection Pipe Tracing Systems
- Temperature Maintenance Pipe Tracing Systems

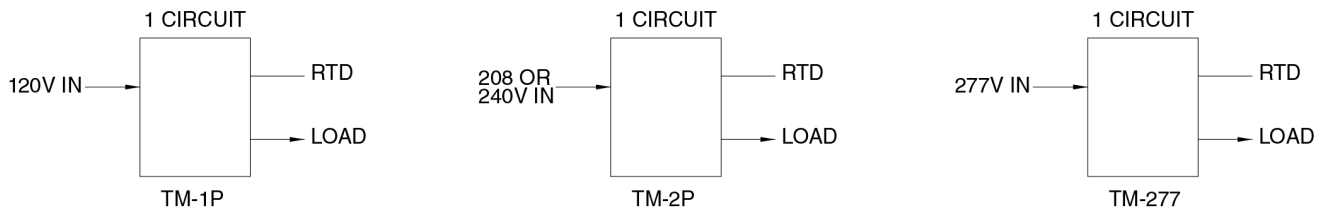
APPROVALS



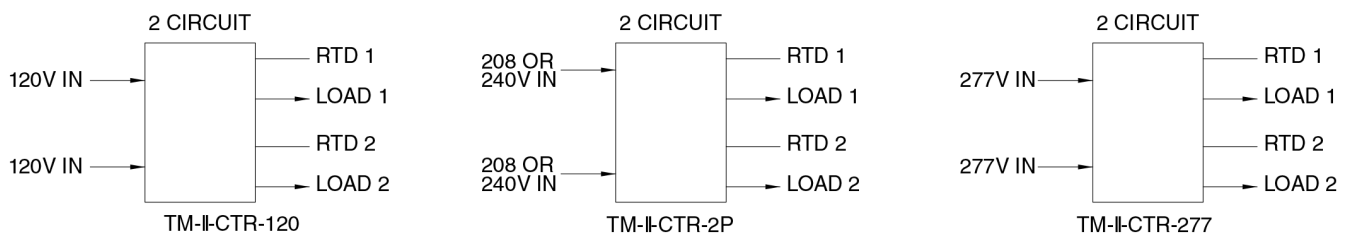
TRACEMATE TM-1P TM-2P TM-277	TRACEMATE II-CTR TM-II-CTR-120 TM-II-CTR-2P TM-II-CTR-277
CSA and FM Normal and Hazardous Locations	FM Normal and Hazardous Locations
Class I, Div. 2 Groups A, B, C, & D Class I, Zone II Group IIC	Class I, Div. 2 Groups A, B, C, & D Class I, Zone II Group IIC

TraceMate is a trademark of Nextron USA.

TraceMate I and II Technical Information



Detail 1. Single circuit TraceMate wiring diagrams.



Detail 2. Two circuit TraceMate II wiring diagrams.

TRACE MATE I ELECTRICAL SPECIFICATIONS

Enclosure:	NEMA 4X steel, powder coat painted black
H/W/D:	8/6/4 Inches (20/15/10cm)
Single pole model	8/6/4 Inches (20/15/10cm)
Dual pole model	10/8/4 Inches (25/20/10cm)
Setpoint Range:	0° to 511°C or °F
Input Voltage:	120, 208, 240, or 277 VAC
Electrical Rating:	Single pole 120 and 277 VAC @ 30 amps Dual pole 208 - 240 VAC @ 30 amps
Exposure Limits:	The standard RTD is rated at 392°F (200°C)
*Sensor:	One 100-ohm, 3-wire RTD

TRACE MATE II ELECTRICAL SPECIFICATIONS

Enclosure:	NEMA 4 steel, powder coat painted black
H/W/D:	10/8/4 Inches (25/20/10cm)
Setpoint Range:	0° to 511°C or °F
Input Voltage:	120, 208, 240, or 277 VAC
Electrical Rating:	Single pole 120 and 277 VAC @ 30 amps Dual pole 208 - 240 VAC @ 30 amps
Exposure Limits:	The standard RTD is rated at 392°F (200°C)
*Sensor:	Two 100-ohm, 3-wire RTDs
NOTE: *	When maintaining temperatures above 200 °C or exposed to pipe temperatures exceeding 200 °C, Please contact Delta-Therm for a stand-off hub.

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