TRF115 Thermostat – Data Sheet

GENERAL PRODUCT INFORMATION

The TRF115 thermostat with remote sensor is designed for use as a line sensing control for pipes, vessels, and roof heat tracing applications. Featuring a rugged, weather resistant NEMA 4X enclosure enabling flexible placement just about anywhere, the thermostat delivers reliable temperature control and is suitable in agricultural, industrial and commercial environments. The freeze protection thermostat has been tested by CSA and Underwriters Laboratories Inc. (UL), and is suitable for use under the National Electrical Code (NEC), Article 547-7, when used with appropriate watertight connectors (not included).

FEATURES AND BENEFITS

- Freeze protection / temperature control
- Line sensing
- NEMA 4X rain tight, weather resistant enclosure.
- Large, readily visible dial with 0°F – 120°F temperature range for easy set point temperature identification.
- Built from corrosion resistant materials for long life and reliable performance in demanding climates.
- Stainless steel remote bulb with 5-foot capillary.
- Corrosion resistant remote bulb provides rapid response to temperature change.
- Multi-positional mounting offers flexibility in new or existing installations.
- One control for both heating and cooling applications.



SPECIFICATIONS / TECHNICAL DETAILS

Switch Type	SPDT
Control Range	0°F – 120°F
Dimensions (W x H x D)	3.1 x 6.5 x 2.5 inches
Voltage	24 volts
Display Style	Manual
Sensing Bulb Diameter	5/16-inch
Sensing Bulb Length	2 5/16-inch
Capillary Length	5-feet
Enclosure Type	Rain tight NEMA 4X
Differential	3°F
Item Weight	4.8 ounces
Shipping Weight	1.0 pound
Standards	UL, CSA, NEC 547



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MECHANICAL DATA – ELECTRICAL RATINGS

	120VAC	240VAC	277VAC	480VAC
Full Load Amps	16.0	12.0	10.0	—
Locked Rotor Amps	80.0	60.0	50.0	—
Non-inductive Resistive Load Amps	25.0	25.0	22.0	5.0

INSTALLATION

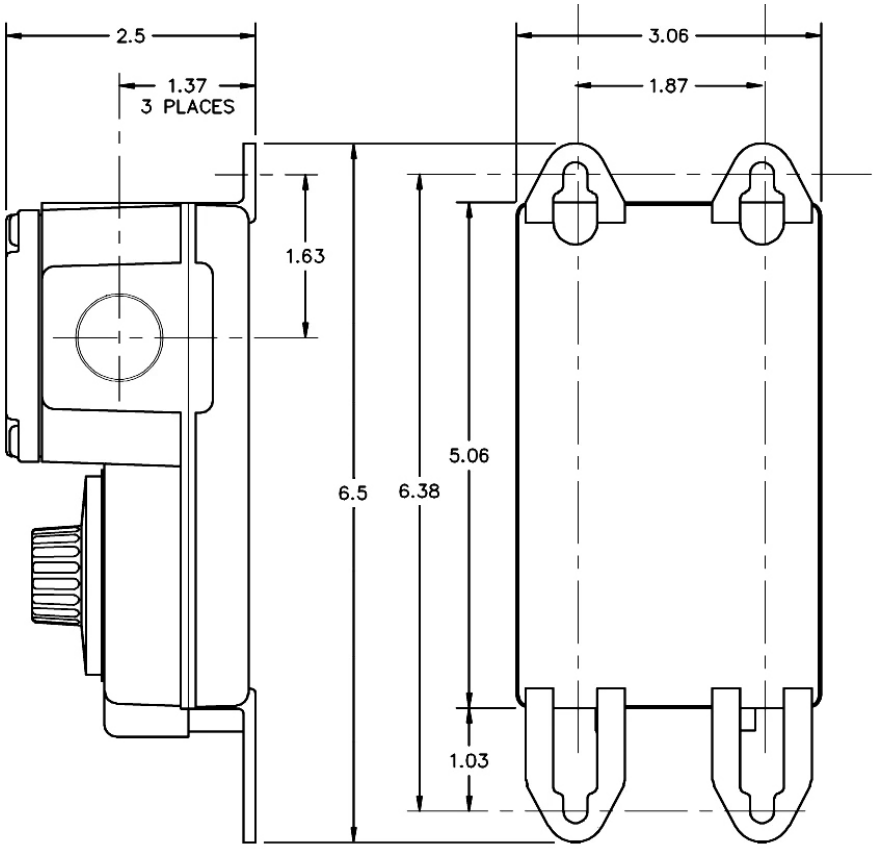
- Multi-positional mounting meets new or existing wiring needs.
- Sturdy, insulated enclosure.
- All mounting holes are exterior to the enclosure.
- Easily removable knockouts in sides and top of enclosure.
- Large wiring compartment with watertight cover separated from thermostat compartment.
- May be connected by cord or conduit.
- Pigtail leads for rapid, positive electrical connection.

APPLICATIONS

Constant wattage heating cables
Self-limiting heating cables
Mineral insulated heating cables

DIMENSIONS

Remote sensor and capillary not shown.



TECHNICAL SUPPORT

For technical questions, please contact Warmzone at 888.488.9276 (WARM) or via the web at www.warmzone.com.

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