GREYSTONE
ENERGY SYSTEMS INC

HIGH LIMIT OUTSIDE TEMPERATURE THERMOSTAT TTHOS Series

The TTHOS, single point outside air temperature thermostat incorporates a precision thermistor temperature sensor and provides a Form C relay output (NO/NC) with an adjustable setpoint. All probes are constructed to provide excellent heat transfer, fast response and are potted to resist moisture penatration. A sun and wind shield is integrated into a weatherproof ABS enclosure

SPECIFICATION:

Power Supply	12 to 28 Vac/dc
Consumption	50 mA max
Relay Contacts	SPDT, Form C contacts (N.O. and N.C.) 5 Amps @ 30 Vdc/250 Vac resistive 1.5 Amps @ 30 Vdc/250 Vac inductive
Relay Action	Activates on temperature rise
Setpoint Operation	Single-turn knob-pot on pcb
Adjustable Setpoint	38-60˚C (100 - 140˚F)
Setpoint Temperature Differential	Low/Mid/High jumper selectable 1.1/2.8/5.6 ˚C (2/5/10 ˚F)
Temperature Sensor	10K ohm curve matched precision thermistor
Sensor Accuracy	±0.2˚C (±0.36˚F), 0 to 70˚C (32 to 158˚F)
Operating Conditions	-10 to 50˚C (14 to 122˚F), 5 to 95% RH non-condensing
Storage Conditions	-30 to 70˚C (-22 to 158˚F), 5 to 95%RH, non-condensing
Enclosure	ABS, UL94-5VB, IP65 (NEMA 4X)
Wiring Connections	Screw terminal block (14 to 22 AWG)

PART NUMBER SELECTED

PRODUCT SELECTION INFORMATION:

MODEL	Product Description
TTHOS	High Limit Outside Temperature Thermostat

CODE	Enclosure
D24	ABS Enclosure, Hinged Cover

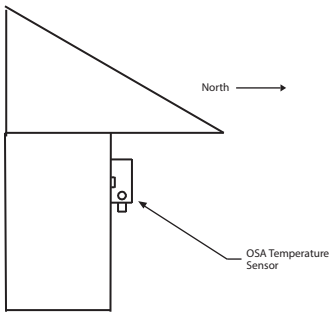
CODE	Adjustbale Setpoint Range
2	38-60˚C (100 - 140˚F)

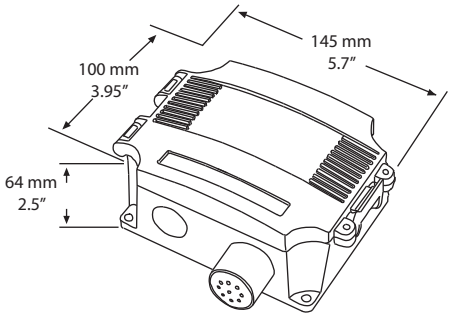
TYPICAL INSTALLATION:

For complete installation and wiring details, please refer to the product installation instructions.

The TTLOS should be mounted on an outside North facing wall, under the eaves which will provide protection from direct sunlight.

The TTLOS can be mounted directly to buildings wall face using the provided mounting holes. There is one 0.85" holes for conduit connection.





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RoHS COMPLIANT

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