



PRODUCT SPECIFICATIONS

Terminator™ ZP-Ambient

AMBIENT SENSING THERMOSTAT

APPLICATION

The Terminator ZP-Ambient thermostat is designed to provide ambient sensing control of electric heat tracing circuits for freeze protection of piping and vessels. This thermostat can be used to control a heating circuit or as pilot control of a contactor switching multiple heat tracing circuits ¹.

A rugged nonmetallic enclosure provides watertight and dust tight protection (per IP66). External hardware is stainless steel.

The Terminator ZP-Ambient thermostat is approved for use in ordinary (nonclassified) areas and is certified to the ATEX directive for use in Category 2 and 3 (Zone 1 and 2) classified areas and the IECEx Scheme.

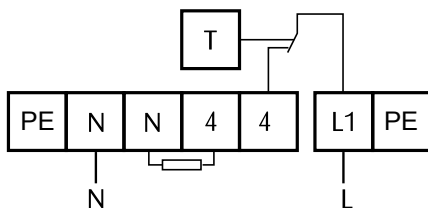
RATINGS

Enclosure rating.....	IP66
Voltage Rating	120/250 Vac
Switch Rating.....	16 A (Ohmic), NC contact
Switch Type	BI-Metallic
Ambient temperature range.....	-50°C to +50°C
Electrical connection ²	terminal block
Operating temperature	
Opening temperature	+11,7°C ± 2,8°C
Closing temperature.....	+3,3°C ± 3,3°C
Sensor material	chromium-plated brass

Notes

- Standard configuration is pilot control of a contactor switching multiple heat tracing circuits. When the thermostat is used to switch other types of heating cable, please contact Thermon.
- The Terminator-Ambient utilizes two M25 entries and is shipped with one M25 blind plug. Refer to Form TEP0057U for additional accessories.

TYPICAL WIRING DIAGRAM



CONSTRUCTION

- Junction box, glass-reinforced polymer with DIN rail mounted terminal blocks
- Ambient temperature sensor
- Stainless steel mounting bracket

CERTIFICATION/APPROVAL

CE Ex II 2 G Ex eb mb IIC T4-T6 FM 10ATEX0058X

IEC IECEx International Electrotechnical Commission
IEC Certification Scheme for Explosive Atmospheres
FMG 10.0022X

PRODUCT REFERENCE LEGEND

Terminator-ZP-Ambient-P-WP

Area Designation

P = BSX, HTSX, KSX, FP,
HPT, RSX, TSX, VSX

Mounting Options

XP = Pipe-Mount Expediter
WP = Wall Mount Bracket with Expediter

THERMON The Heat Tracing Specialists®

ISO 9001
REGISTERED

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