

Terminator™ ZP-Ambient

with EEx me Ambient Sensing Thermostat

Product Specifications

Application . . .

Electric Heat Tracing Control

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 circuits¹.

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.

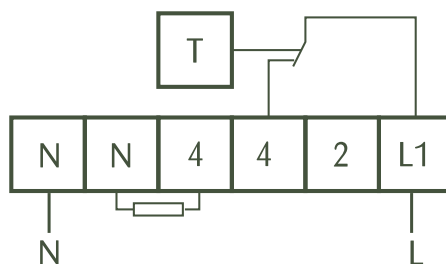


Terminator-Ambient

Ratings/Specifications . . .

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 ³
Operating temperature	
Opening temperature	+11,7°C ± 2,8°C
Closing temperature	+3,3°C ± 3,3°C
Sensor material.....	chromium-plated brass

Typical Wiring Diagrams . . .



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-HPT/PWR-Exe EEx e approved power gland and one M25 blind plug. Refer to Form TEP0057U for additional accessories.
- Terminal block consists of six 5-mm² line/load terminals and two 6-mm² PE terminals.

Construction . . .

- Junction Box, Glass-Reinforced Polymer with DIN Rail Mounted Terminal Blocks
- Stainless Steel Mounting Bracket
- Ambient Temperature Sensor

Certifications/Approvals . . .

CENELEC European Organisation for Electrotechnical Standardisation
Hazardous (Classified) Locations

Enclosure . . .

CE II 2 G&D EEx e II T4/T6 Demko 01 ATEX 0021995

Thermostat . . .

CE II 2 G&D EEx m II T6 Nemko 03 ATEX 1470X

Product Reference Legend . . .

Terminator-ZP-Ambient-S-WP

Cable Profile

S = BSX, HTSX, KSX, FP, HPT
L = RSX, TSX, VSX
R = TESH, TES

Mounting Options

XP = Pipe Mount Expeditior
WP = Wall Mount Bracket with Expeditior



THERMON . . . The Heat Tracing Specialists®

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