

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.

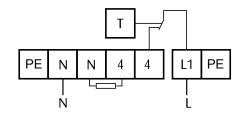
The Terminator ZP-Ambient thermostat is approved for use in ordinary (nonclassified) areas and is certified to the ATEX directive for use in Category 2 and 3 (Zone 1 and 2) classified areas and the IECEx Scheme.

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 |
| | |

- 1. 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.
- 2. The Terminator-Ambient utilises two M25 entries and is shipped with one M25 blind plug. Refer to Form TEP0057U for additional accessories.

TYPICAL WIRING DIAGRAM





CONSTRUCTION

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

CERTIFICATION/APPROVAL



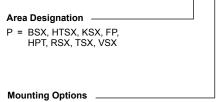
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International Electrotechnical Commission IEC Certification Scheme for Explosive Atmospheres FMG 10.0022X

PRODUCT REFERENCE LEGEND

Terminator-ZP-Ambient-P-WP



XP = Pipe-Mount Expediter

WP = Wall Mount Bracket with Expediter

THERMON The Heat Tracing Specialists®



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