The AMC-F5 thermostat is designed to control heat-tracing systems used for freeze protection in nonhazardous locations. The thermostat has a fixed set point of 40°F (5°C) and can be used in ambient-sensing mode (with sensor in air) or line-sensing mode (with sensor placed on pipe or tank wall). It can be used to control a single heat-tracing circuit or as a pilot control of a contactor switching multiple heat-tracing circuits.

**Specifications**

- **Enclosure**: NEMA 4X, UV-resistant thermoplastics
- **Entries**: One 3/4-in (19 mm) through hole
- **Set point**: 40°F (5°C) nonadjustable
- **Sensor exposure limits**: –30°F to 140°F (–34°C to 60°C)
- **Housing exposure limits**: –30°F to 140°F (–34°C to 60°C)
- **Switch**: SPST
- **Electrical rating**: 22 A at 125/250/480 Vac
- **Accuracy**: ±3°F (±1.7°C)
- **Deadband**: 2°F to 12°F (1.1°C to 6.7°C) above actuation temperature
- **Set point repeatability**: ±3°F (±1.7°C)
- **Sensor type**: Fluid-filled (silicone) bulb and 2.5 ft (0.8 m) capillary
- **Sensor material**: Tin-plated copper
- **Connection**: Two 14 AWG (2 mm²) pigtails
  - One ground screw

**Approvals**

- UL
- cUL