The AMC-1B line-sensing thermostat is designed to control heat-tracing systems in nonhazardous locations. The AMC-1B senses pipe or tank wall temperatures and can be used to control a single heat-tracing circuit or as a pilot control of a contactor switching multiple heat-tracing circuits. It can also be used to indicate low-temperature or high-temperature alarm conditions.

Specifications

- **Enclosure**: NEMA 4X, polyurethane-coated cast-aluminum housing, stainless steel hardware
- **Entries**: One 3/4-in NPT conduit hub
- **Set point range**: 25°F to 325°F (–4°C to 163°C)
- **Sensor exposure limits**: –40°F to 420°F (–40°C to 215°C)
- **Housing exposure limits**: –40°F to 160°F (–40°C to 71°C)
- **Switch**: SPDT
- **Electrical rating**: 22 A at 125/250/480 Vac
- **Accuracy**: ±6°F (±3.3°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 9 ft (2.7 m) capillary
- **Sensor material**: 300 series stainless steel
- **Connection terminals**: Screw terminals, 10–14 AWG (2–5 mm²)

Approvals