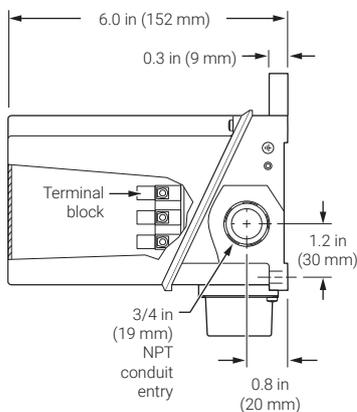
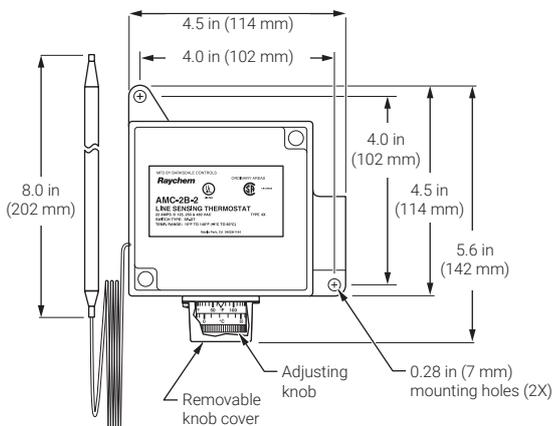
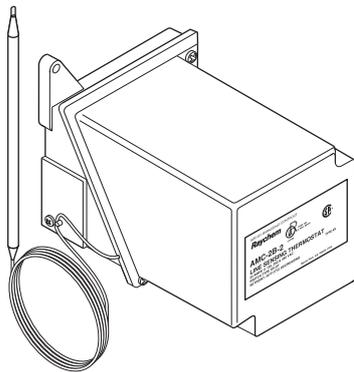


# AMC-2B-2



**RAYCHEM**

## DOUBLE-POLE LINE-SENSING THERMOSTAT FOR NONHAZARDOUS LOCATIONS



### PRODUCT OVERVIEW

The nVent RAYCHEM AMC-2B-2 line-sensing thermostat is designed to control heat-tracing systems in nonhazardous locations. The thermostat functions as a double-pole single-throw (DPST) switch, opening and closing the electrical connection to both heating-cable bus wires.

The AMC-2B-2 senses pipe or tank wall temperatures and is used to control one heat-tracing circuit directly.

### SPECIFICATIONS

Enclosure	TYPE 4X, polyurethane-coated cast-aluminum housing, stainless-steel hardware
Entries	One 3/4-in (19 mm) 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	DPST
Electrical rating	22 A at 208–240 Vac
Relay coil	208–240 Vac, 4 VA
Accuracy	±6°F (±3.3°C)
Deadband	2°F to 12°F (1.1°C to 6.7°C) above actuation temperature
Setpoint 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 mm <sup>2</sup> )

### APPROVALS



**North America**

Tel +1.800.545.6258  
Fax +1.800.527.5703  
thermal.info@nvent.com

**Europe, Middle East, Africa**

Tel +32.16.213.511  
Fax +32.16.213.603  
thermal.info@nvent.com

**Asia Pacific**

Tel +86.21.2412.1688  
Fax +86.21.5426.3167  
cn.thermal.info@nvent.com

**Latin America**

Tel +1.713.868.4800  
Fax +1.713.868.2333  
thermal.info@nvent.com



[nVent.com](http://nVent.com)

Our powerful portfolio of brands:

**CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER**