

E507S-2LS-2 Mechanical Thermostat



nVent RAYCHEM E507S-2LS-2 is a line-sensing thermostat designed to control heat tracing systems in hazardous locations. It senses pipe or tank wall temperatures and is used to control one heat-tracing circuit directly, functioning as a double-pole single-throw (DPST) switch, opening and closing the electrical connection to both heating cable bus wires.

FEATURES

Simple to install and operate, single cable entry through 3/4"/19 mm NPT conduit hub

Energy saving, line sensing control thermostat

Adjustable set point: 25 °F to 325 °F/-4 °C to 163 °C

Electrical rating and switch: 22 A at 208-240 VAC, DPST switch

Enclosure: NEMA 4, 7, 9 lacquer-coated cast aluminum housing, stainless steel hardware

Reliable during long life

SPECIFICATIONS

| Table 1/2 | | | | | | | | |
|-------------------|-------------|----------|-------------|--------------------------|----------------|--------------------------------------|--|--|
| Catalog Number | Item Name | Material | NEMA Rating | Thermostat Type | Current Rating | Controller Temperature Setting | | |
| C20377-000 | E507S-2LS-2 | Aluminum | 4, 7, 9 | Mechanical Thermostat | 22 A | -4 to 163 °C | | |

| Table 2/2 | | | | | | | | | |
|-------------------|-------------|------------------------|--------|--------|--------|------------------------|--|--|--|
| Catalog Number | Item Name | Max Measuring Range | Height | Width | Depth | Area Classification | | | |
| C20377-000 | E507S-2LS-2 | 215 °C | 168 mm | 114 mm | 153 mm | Hazardous | | | |

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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 +32.16.213.604 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