

E507S-LS Mechanical Thermostat



nVent RAYCHEM E507S-LS is a line-sensing thermostat designed to control heat tracing systems in hazardous locations. The E507S-LS senses pipe or tank wall temperatures, used to control a single heat tracing circuit or switch multiple circuits with a contactor, it has an adjustable set point. Also used to indicate low temperature or high temperature alarm conditions.

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 125/250/480 VAC, SPDT 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
625725-000	E507S-LS	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
625725-000	E507S-LS	215 °C	168 mm	114 mm	102 mm

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.

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