ETS-05 ELECTRONIC THERMOSTAT

nVent RAYCHEM ETS-05 hazardous area electronic surface sensing thermostats provide accurate temperature control for heating cables. The ETS-05 is available as an Ambient sensing thermostat and as line sensing thermostat. The ETS-05-L is adjustable to 199 °C, ETS-05-H up to 499 °C. ETS-05 has a LED to indicate status of the thermostat, heating cable and sensor. The ETS-05 is available with an alarm relay for remote monitoring.

FEATURES

- Simple to install and operate
- Temperature set by digital rotary switches inside the enclosure
- PT100 sensor supplied with 2m cable
- Available with earth plate
- Alarm relay optional

SPECIFICATIONS

Thermostat Type: Electronic Thermostat

Material: Glass Fiber Reinforced Polymer

IP Rating: IP66

Table 1/2

Catalog Number	Item Name	Controller Temperature Setting	Max Measuring Range	Height	Width	Depth
1244-014367	ETS-05-L2-E	0 – 199 °C	260 °C	90 mm	120 mm	120 mm
1244-014368	ETS-05-H2-E	0 – 499 °C	585 °C	90 mm	120 mm	120 mm
1244-017508	ETS-05-L2-EP	0 – 199 °C	260 °C	90 mm	120 mm	120 mm
1244-017509	ETS-05-H2-EP	0 – 499 °C	585 °C	90 mm	120 mm	120 mm
1244-022311	ETS-05-A2-E	0 – 49 °C	260 °C	90 mm	120 mm	120 mm
1244-022663	ETS-05-A2-E-A	0 – 49 °C	260 °C	150 mm	120 mm	120 mm
1244-022669	ETS-05-L2-EP-A	0 – 199 °C	260 °C	150 mm	120 mm	120 mm
1244-022670	ETS-05-H2-EP-A	0 – 499 °C	585 °C	150 mm	120 mm	120 mm
1244-022680	ETS-05-H2R-EP-A	0 – 499 °C	585 °C	150 mm	120 mm	120 mm
1244-022675	ETS-05-H2R-E-A	0 – 499 °C	585 °C	150 mm	120 mm	120 mm

Table 2/2

Catalog Number	Item Name	Earth Plate Included	Alarm Relay
1244-014367	ETS-05-L2-E	No	No
1244-014368	ETS-05-H2-E	No	No
1244-017508	ETS-05-L2-EP	Yes	No
1244-017509	ETS-05-H2-EP	Yes	No
1244-022311	ETS-05-A2-E	No	No
1244-022663	ETS-05-A2-E-A	No	Yes
1244-022669	ETS-05-L2-EP-A	Yes	Yes
1244-022670	ETS-05-H2-EP-A	Yes	Yes
1244-022680	ETS-05-H2R-EP-A	Yes	Yes
1244-022675	ETS-05-H2R-E-A	No	Yes

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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