

S1 series

Smart Heat Trace Controller



Gateway



Features

Remote access requires an Internet connection.

Type

- S1-B: Electronic single point line sensing heat trace c/w Wi-Fi and Ethernet capabilities.
- S1-A: Same as model S1-B above with added Modbus and BACnet¹ capabilities.

Color

- Standard: white.

Voltage

- 120V- 277V, 50/60 Hz.

Rating

- 30A resistive.

Construction

- NEMA 4X IP67 enclosure.

Control

- Built-in 30 mA to 300 mA GFEP (Default 30 mA).
- Dry contact for alarm 1A at 120V or 24VDC, NC (normally closed).

Temperature range

- -40 °C (-40 °F) to 105 °C (221 °F).

Internet connection

- Wi-Fi 802.11 Dual Band 2.4 GHz and 5 GHz and Ethernet (RJ45, Cat 5 or 6).

Display

- 2.42 in. OLED display, 128 x 64 pixels, menu available in English only.

Accessory included

- 20 ft. (6 m) lead, 10k ohms thermistor.

Application

- For controlling heat tracing applications in temperature maintenance or freeze protection applications.

Certification

- UL 1053, UL 60730, CSA C22.2 No.14.

Warranty

- 2-year warranty against defects.

Models

Product #	Description
S1-A	NEMA 4X IP67 electronic single point line sensing heat trace controller 100-277V, 30A c/w built-in 30 mA GFEP and 20' (6 m) lead, 10k ohms thermistor, Wi-Fi, Ethernet, Modbus and BACnet ¹ capabilities
S1-B	NEMA 4X IP67 electronic single point line sensing heat trace controller 100-277V, 30A c/w built-in 30 mA GFEP and 20' (6 m) lead, 10k ohms thermistor, Wi-Fi, Ethernet capabilities
GATEWAY-PCKG	24VDC BACnet gateway assembly with power supply NEMA 4X enclosure with 24VDC transformer
GATEWAY	24VDC BACnet gateway stand alone

¹ BACnet IP or MS/TP available via preconfigured SMC gateway, sold separately.