

SetPoint 511s and 512 Programmable Controllers

Submittal Information

Revision B: July 22, 2010

Project Information

Job Name:

Location:

Part No. Ordered:

Engineer:

Date Submitted:

Contractor:

Submitted By:

Manufacturer's Representative:

Approved By:

Technical Data

Control:	Microprocessor PI control
Ambient Conditions:	Indoor use only, 32°F to 122°F (0°C to 50°C) < 90% RH non-condensing
Power Supply for SetPoint 501 Controller:	24V ±10%, 60Hz, 1VA
Power Supply for SetPoint 501s Controller:	24V ±10%, 60Hz, 1.5VA
Relays:	24VAC at 2 amps, latching
Floor Sensor (if applicable):	2 NTC thermistor, 10Ω (ohms) at 77°F (25°C)

Product Information and Application Use

Designed to sense air, floor or both temperatures, the SetPoint 511s and 512 series of controllers allow the user to select air or floor as the primary sensing point.

The SetPoint 512 is a two-stage programmable controller. The SetPoint 511s is a single-stage, programmable setpoint controller that includes the floor sensor.



✓ Description	Part Number	Height	Width	Depth	Weight
SetPoint 511s, Single-stage Programmable Controller with floor sensor	A3041511	2.875"	2.875"	0.8125"	0.45 lbs.
SetPoint 512, Two-stage Programmable Controller	A3040512	2.875"	2.875"	0.8125"	0.50 lbs.

Installation

Install on an interior wall of the desired zone approximately five feet above the floor. Do not mount in a location that may be affected by localized heat sources or cold drafts. It may be necessary to install a draft barrier behind the controller to prevent air from blowing through the wiring hole that can affect the built-in sensor of the controller. Refer to SetPoint 511s/512 Installation and Operation Manual for more information.

Accessories and Replacement Parts

A3040007: Cover Plate for 500 Series Controllers; A3040079: Floor Sensor, replacement part

Standards

N/A

Codes

N/A

Listings

N/A

Related Applications

Radiant Heating and Cooling Systems
Snow and Ice Melting Systems
Permafrost Protection Systems
Turf Conditioning Systems

Contact Information

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