



SPACE-Sensor™ Temperature

Temperature Sensor

## Sensible comfort

Aesthetically designed to complement any decor, the Reliable Controls® SPACE-Sensor Temperature™ (SST3) series provides a traditional temperature sensor solution and a wide array of options to help you achieve comfort.



Better by design

[www.reliablecontrols.com/SST3](http://www.reliablecontrols.com/SST3)

## Tech Specs

### Supply Voltage

- No external power required except for -CO2, -H and -OC models
- 24VAC  $\pm 15\%$  50/60 Hz or 9-24VDC  $\pm 15\%$
- CO2 option adds 1VA (1.2 W)
- H option adds 0.1VA (0.1 W)
- OC option adds 0.1VA (0.1 W)

### Temperature

- Dedicated 10k thermistor onboard
- Range: -20 °C to 55 °C (-4 °F to 131 °F)
- Sensor accuracy:  $\pm 0.2$  °C (0.36 °F) over range

### CO<sub>2</sub> Sensor (for -CO2 models)

- Automatic background calibration period of 8 days
- Non dispersive infrared optical sensor
- 0-2000 ppm range (0-5V)
- Accuracy  $\pm 50$  ppm
- Non Linearity < 1% of full scale

### Occupancy Sensor Specifications (For -OC Models)

- Passive infrared radiation (PIR) sensor
- 64 detection zones
- 94° horizontal range / 82° vertical range
- 5 m (16.4 ft.) max. detection distance

### Humidity Sensor (for -H models)

- 10–90% range
- $\pm 3\%$  RH max from 20 to 80%,  $\pm 2\%$  typical, see table

### Optional LED

- LED indicator

### Optional Override Button

- Use to override unoccupied mode

### Optional Up/Down Buttons

- Use up/down buttons to adjust setpoint

### Optional Setpoint Slider

- 10K slide pot

### Wiring Terminals

- 14 to 26 AWG (2.08 mm<sup>2</sup> to 0.13 mm<sup>2</sup>)
- Stranded or solid core
- Copper conductors only

## Features

### Aesthetic Design

- Slim profile
- Installs into standard electrical box

### Space Sensing

- Temperature
- CO<sub>2</sub>
- Occupancy
- Humidity

### User Access and Adjust

- Setpoint adjust using Up and Down buttons or slider
- Momentary contact override center button
- LED option for status

### Combine two inputs into one

- On the -O and -UD models, the buttons are momentary, and short and open the thermistor circuit. Control Basic SENSOR-ON and SENSOR-OFF commands are used to detect button use.

### Warranty

- 5 years

## Ordering

### SST3 (base model)

- SPACE-Sensor Temperature with dedicated 10k thermistor onboard, warm gray color

### Options

- CO2 adds CO<sub>2</sub> sensor
- H adds humidity sensor
- L adds override status LED, only possible with the -O option
- O adds override button
- OC adds occupancy sensor
- S adds setpoint slider
- UD adds setpoint up and down buttons
- /P1 adds printed warm cool decal beside slider
- /W for white enclosure (eg.SST3-H/W)

### Mounting Hardware Included

- 2 X 6-32 X 1" Truss head Phillips drive screws
- 2 X 1/16" hex drive 6-32 X 5/16" set screws

## ACCESSORIES

### PS-VDC

- Variable DC Power Supply 0-32VDC for SSX or SST3 with CO<sub>2</sub>, H, or OC

### PS-WDC

- Wall Mount DC Power Supply 9VDC, 500mA for SSX or SST with CO<sub>2</sub>, H, or OC

### SS3-EP

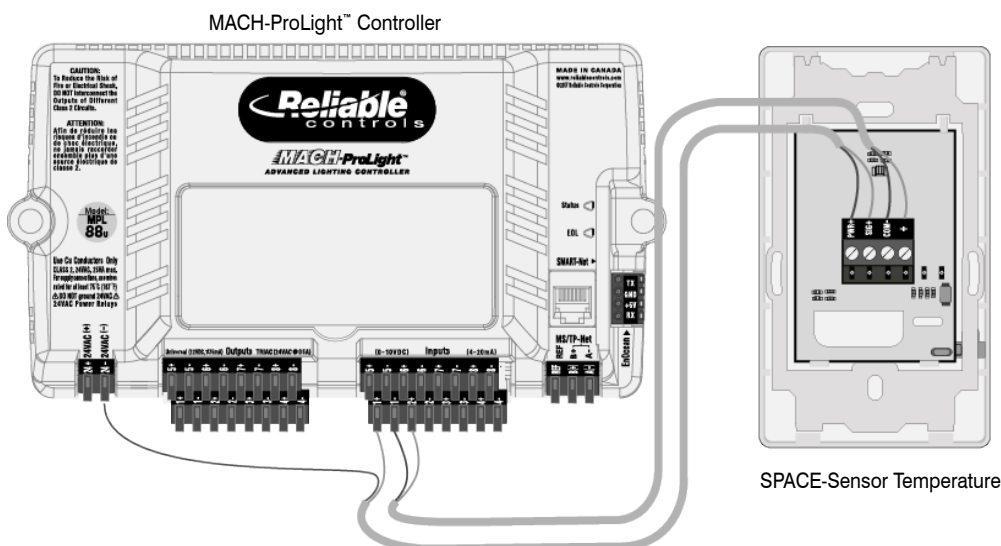
- SS3 Extender Plate, warm gray color

### SS3-EP/W

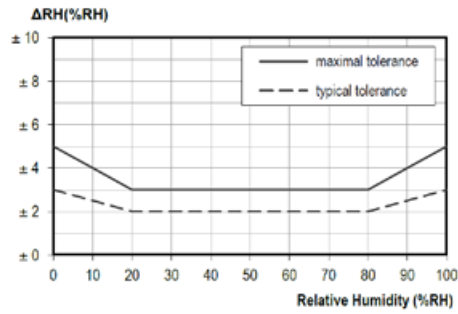
- SS3 Extender Plate, white color

See Submittal Sheet for ordering details

## APPLICATION DIAGRAM



## HUMIDITY SENSOR TABLE



## COVER EXAMPLES



SST3



SST3-O-OC



SST3-L-O-OC



SST3-OC-S



SST3-O-OC-S



SST3-L-O-OC-S



SST3-OC-UD



SST3-L-OC-UD



SST3-O



SST3-L-O



SST3-S



SST3-L-S



SST3-O-S



SST3-L-O-S



SST3-UD



SST3-L-UD

Dealer Information: