



# HVAC CONTROLS

RTS-20 Room Temperature Sensor

HVAC CONTROLS

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개요 :

RTS-20 센서는 벽부형으로 원격 온도센싱 기능을 보유한 온도센서이다.  
RTS-20 센서는 정밀한 온도센싱을 가지고 있으며, 견고하고 미려한 플라스틱 하우징을 적용하고 있는 센서이다.



주요 특징 :

- Built-in 10kΩ thermistor temperature sensor
- Optional 20kΩ set point adjust dial
- Optional service port for direct service tool connection to the BACnet MS/TP or LINKnet network
- Optional occupancy override push button
- Stylized, tamper-resistant housing
- Easily mounted on drywall or any electrical box without adapters

Application :

The RTS-20 is ideal for providing remote temperature sensing, zone set point adjustment, occupancy override for room schedule control and remote network access points.

The sensor uses a standard 10kΩ thermistor temperature signal that may be wired to the input of a Delta controller.

Using GCL+, the optional occupancy override push button can be programmed to override schedules, while the optional set point potentiometer can be programmed for local room set point.

Specification :

**Thermistor :**  
Thermistor- 10kΩ @ 77oF (25oC)

**Accuracy :**  
+/- 0.36oF from 32 - 158oF (+/- 0.2oC from 0 - 70oC)

**Stability :**  
Stability of 0.24oF over 5 years (0.13oC)

**Range :**  
40oF - 100oF (4oC - 37oC)

**Connectors :**  
Screw-type terminal connectors  
Optional RJ-11 service port jack (6 wire)

**Wiring Class :**  
Class 2

**Power :**  
24 VAC (necessary only for the optional service port)

**Ambient :**  
32o - 131oF (0o - 55oC)  
10 to 90% RH (non-condensing)

**Dimensions :**  
4 7/8 x 3 1/4 x 1 in. (11.4 x 7 x 2.54 cm) 0.16 lb. (71 g)



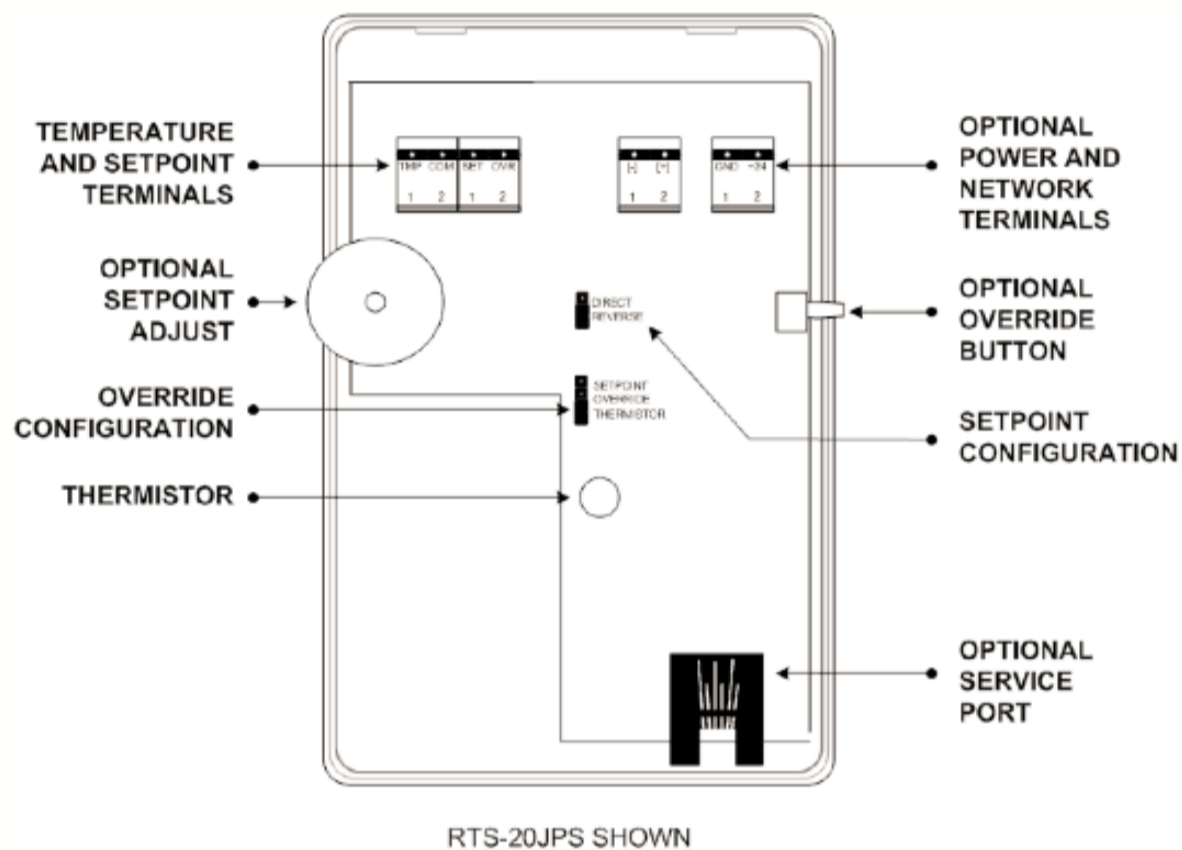
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Board Layout Diagram :



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## Ordering :

Order the RTS-20 with the desired options, according to the following product numbers:

RTS-20—Stylized Housing, Built-in 10k $\Omega$  thermistor  
RTS-20J—Stylized Housing, Built-in 10k $\Omega$  thermistor, RJ-11 Service Port

RTS-20P—Stylized Housing, Built-in 10k $\Omega$  thermistor, Occupancy Override Push Button

RTS-20PS—Stylized Housing, Built-in 10k $\Omega$  thermistor, 20k $\Omega$  Set point Adjust Dial, Occupancy Override Push Button

RTS-20JPS—Stylized Housing, Built-in 10k $\Omega$  thermistor, 20k $\Omega$  Set point Adjust Dial, Occupancy Override Push Button, RJ-11 Service Port