

Integrated thermostat sensor

F67-8535

Integrates with select ignition modules to maintain temperature without an external thermostat

The integrated thermostat sensor can be used as a temperature sensor for the 50D50U-843 All-Spark Intermittent Pilot/Direct Spark Ignition Module and the 50E47U-843 Hot Surface Ignition Module to create a call for heat without using an external thermostat in the system.

The integrated thermostat sensor should only be used in infrared and tube heater applications

Reduce applied cost

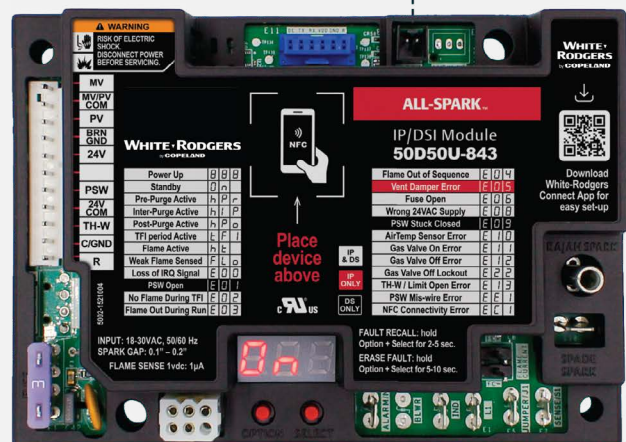
Maintain temperature without the need for an external thermostat

Enable connected technology

Adjust temperature from mobile device with White-Rodgers Connect app

Fast installation

Install plug-n-play sensor



WHITE RODGERS
by COPELAND

Integrated thermostat offset

Offset allows sensor to conform to desired room temperature.

For a warmer sensor location, use a negative offset; for colder, use positive. E.g., set point = 65°F, desired temp = 63°F, sensor reading = 68°F; offset = -5°F.

Compatible with:

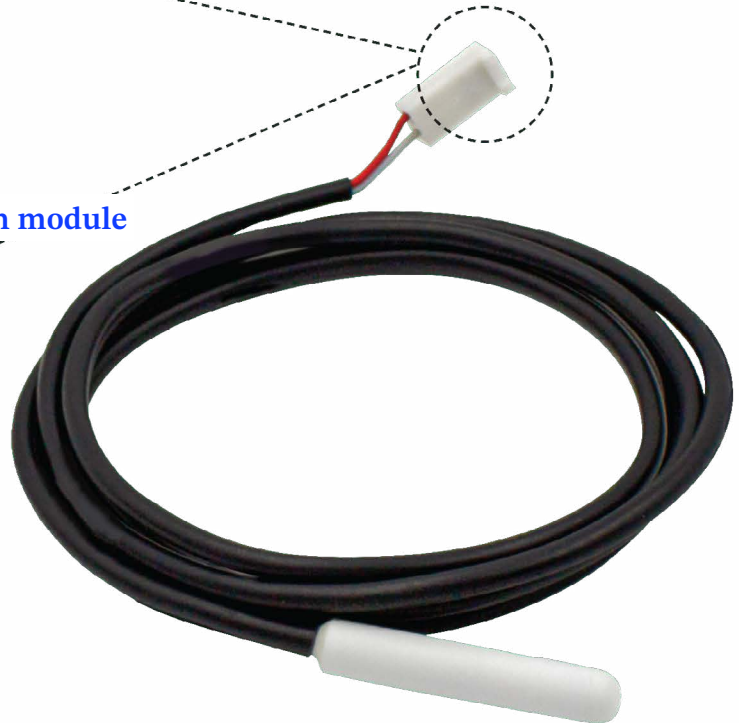
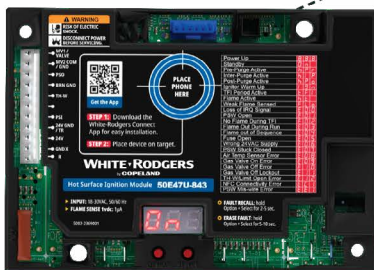
All-Spark | 50D50U-843 IP/ DSI ignition module

Replaces over 1000 part numbers for both 24V intermittent pilot and direct spark ignition systems.



50E47U-843 Universal hot surface ignition module

Includes inducer/pressure switch functionality, and can operate with 24V, 120V, and 240V ignitors.



Specifications

- Sensor temp. range: -40° to 176° F (-40° to 80° C)
- All-Spark set point range: 40° to 80°F (5° to 27°C)
- All-Spark offset range: +/-9°F (+/-5°C)
- Temperature accuracy: +/- 5% at 77°F (25°C)
- Wire length: 48 in.

The 50D50U-843 and 50E47U-843 are compatible with the White-Rodgers Connect app for simple configuration and accurate diagnostics.

The White-Rodgers Connect app:

- Configure without power before installation
- Select pre-loaded OEM settings with auto-set
- Diagnose with troubleshooting tips
- Connect without Wi-Fi, cell service or login

