

SPARK SUCCESS.

All-Spark™

Intermittent Pilot / Direct Spark
Ignition Module

50D50U-843

WHITE-RODGERS™



EMERSON™

READY FOR YOUR GAME CHANGER?

HVAC tech is changing—fast.

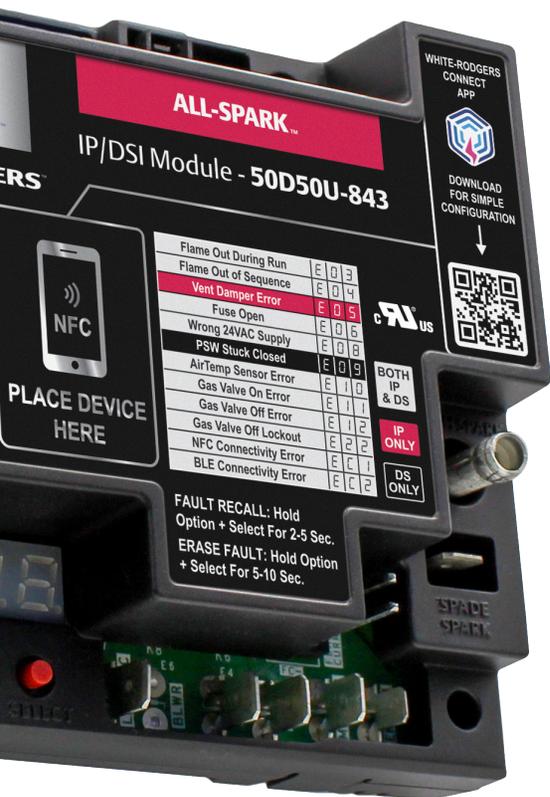
Wouldn't it be great if you or your techs could drive up to a service call, confident they have the right replacement control for the job? Seriously, how much time, effort, and frustration gets wasted because the right part isn't on the truck?

But what if there was a universal ignition control that worked for multiple systems? One that's intelligently designed with useful on-board features AND connects to a user-friendly companion app, making installation and diagnostics easier and faster than ever before.

Well, guess what? The game-changing White-Rodgers All-Spark Intermittent Pilot / Direct Spark Ignition Module from Emerson is ready for you.



FIRE UP YOUR FUTURE.



All you need to get the job done right.

The White-Rodgers All-Spark ignition module can be configured for both 24V intermittent pilot (IP) and direct spark ignition (DSI) systems. This means the All-Spark ignition module can do the work of more than 800 IP and DSI part numbers. This flexibility allows your team to arrive at a service call confident that they have what it takes to get the job done right without sacrificing time and productivity chasing down parts.

Connecting convenience and control.

With near-field communication (NFC) that allows the control to communicate with a mobile device, the free **White-Rodgers Connect app** makes **configuration and diagnostics simple and hassle-free**. In fact, configuration can be completed through NFC without power applied to the control, which means it can be done from the comfort of the service truck—connecting convenience and install like only All-Spark can.

SPARK SIMPLICITY + PRODUCTIVITY

All-Spark makes technicians' jobs—and lives—easier. Service calls and installations are quicker and more efficient because they'll always be prepared to handle both 24V IP and DSI systems. Currently, most competitors don't offer configuration with DSI modules, so a different module is needed for each application. But with All-Spark, you'll be able to replace virtually all 24V DSI SKUs.

By eliminating the need to search through multiple controls on a cluttered truck or making trips to a distributor, All-Spark puts time back in the technicians' day to fit in additional jobs or "reignite their own sparks" with some well-deserved "me time."



Streamline Inventory

- Replace over 800 IP + DSI part numbers
- Save space on trucks by carrying fewer parts
- Decrease carrying costs



Speed Up Installation

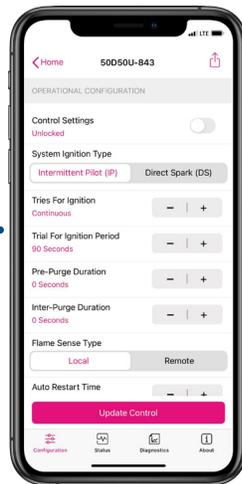
- Save time by having the right part
- Faster install means more satisfied customers
- Quick configuration with the White-Rodgers Connect app

SIMPLIFY INSTALL

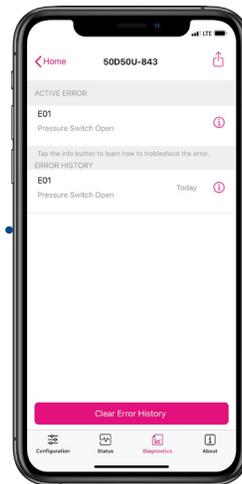
WITH AN EASY-TO-USE MOBILE APP



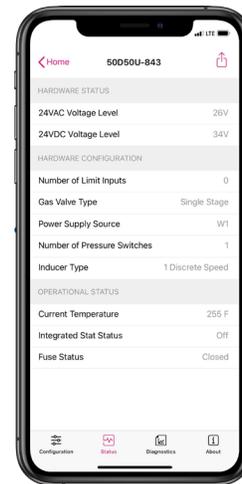
Configuration



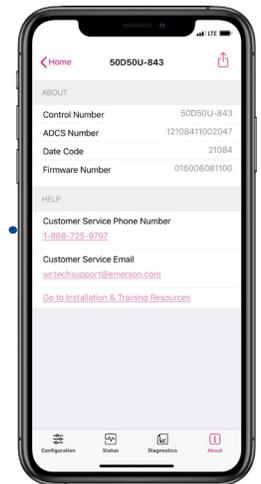
Diagnostics



Status



About



- **Configuration:** Quick and simple configuration from anywhere, *even prior to install*
- **Diagnostics:** Diagnose fault codes and troubleshoot confidently
- **Status:** View system status with the tap of a finger
- **About:** Access installation resources and product literature via quick links

SPARK PERFORMANCE

Innovation like no other.

The All-Spark ignition module isn't just the first-of-its-kind module for both 24V IP and DSI systems. It also delivers features that no other product offers—lighting the way forward for what's possible in HVAC tech.

Product Feature	 Fenwal 35-60, -61	 Honeywell S8610U	 All-Spark™ 50D50U-843
Cross Ref. #s	1 (individual SKUs)	425	800+
Ignition Type	DSI	IP	IP/DSI
User Configuration	None	Dipswitch	7-Seg. LEDs
NFC + App	No	No	Yes
Inducer/PSW	Yes	No	Yes
Alarm Output	Yes	No	Yes
On-board Spark Output	Rajah or Spade	Spade	Rajah and Spade

User Configuration via 7-Segment Display

- Easy-to-read LED Display for advanced on-board configuration
- Readable error codes (*no more counting or guessing flashes*)
- Current-state display: pre-purge, post-purge, heat call or standby
- Additional configuration option to mobile app

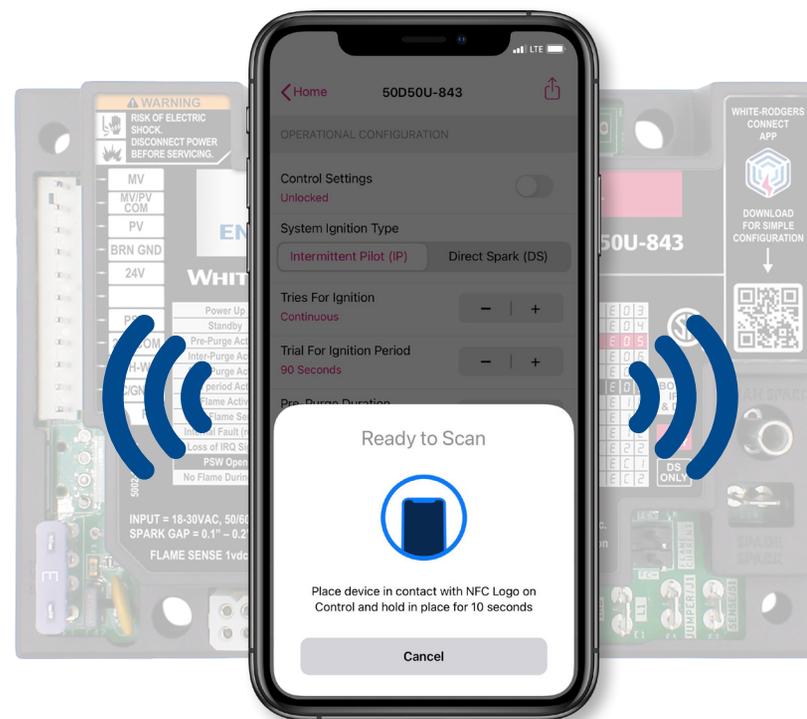


Spark Output

- Both **rajah and spade spark terminals** on board
- Replaces spark controls with either rajah or spade spark outputs without the need of an external adapter

NFC Capability

- First in residential HVAC industry to configure and diagnose replacement furnace controls via a mobile device
- Interface between the control and your mobile device with the **White-Rodgers Connect app**
- Upgrade & future-proof older units with cutting-edge, modern tech



Place mobile device in contact with the NFC marking on the board to enable Near Field Communication (NFC) connection

READY TO SPARK YOUR SUCCESS?



Simplify everything from routine service to complete replacements with the White-Rodgers All-Spark ignition module from Emerson—configurable for both 24V intermittent pilot and direct spark ignition systems.

Improve performance, productivity and customer satisfaction. Stock All-Spark and spark your success today.



LEARN MORE

Visit
AllSparkpro.com

R-5329 (5/21) ©2021 Emerson Electric Co. • White-Rodgers and Emerson are trademarks of Emerson Electric Co. All rights reserved • Customer Service or Technical Help: 888-725-9797 • Emerson.com/White-Rodgers

EMERSON. CONSIDER IT SOLVED.™