

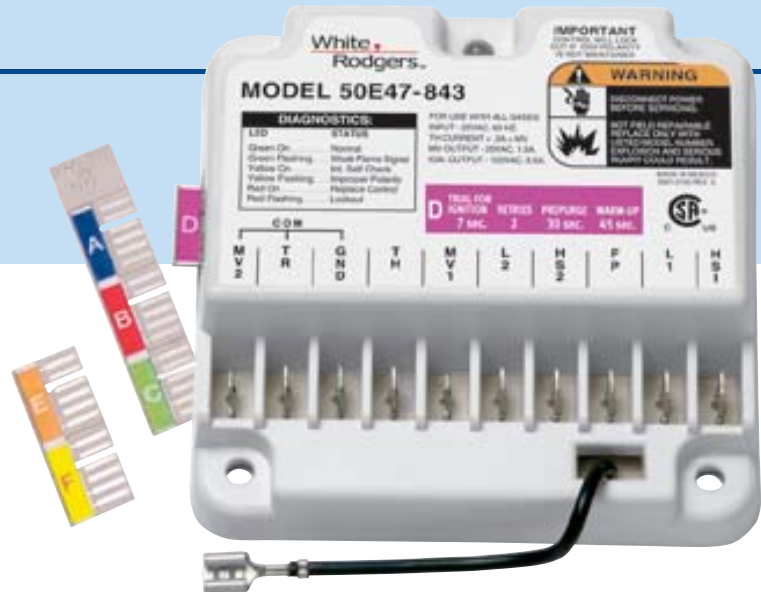
Carbide Non-Integrated Hot Surface Ignition Module

Universal

50E47-843

Application:

Gas-Fired Non-Integrated
Forced-Air Furnaces and Boilers



Universal Module Replacement Kit

For Silicon Carbide, Non-Integrated HSI Systems

The 50E47-843 Universal Replacement Kit replaces ALL White-Rodgers 50E47-xxx modules and virtually all competitive silicon carbide, non-integrated modules. The Universal Kit has everything needed for a fast and accurate replacement, including a complete module cross-reference and **program keys** to quickly customize the module to the furnace application. Carry one Universal Kit...and carry the best!

Kit Includes

- Program Keys
- Mounting Hardware
- Double-Sided Foam Back Tape (for ease of installation)
- Extensive Cross-Reference Guide
- Color-Coded Timing Label
- Pre-Printed Hanging Carton
- Instructions in English/Instrucciones en Espanol

Features

- Program Keys for Easy Customization
- Tri-Color LED Indicator for Diagnostics
- Direct and Indirect Flame Sense

Specifications

Dimensions

4.13"W x 4.13"H x 1.5"D

Electrical Rating

Input 18 to 30 VAC, 25 VAC nominal
Max. Input Current @ 25 VAC; 200mA @ 25°C

Relay Load Settings

Valve Relay: 1.5 amps @ 25 VAC 60 Hz .6pf
Ignitor Relay: 6.0 amps @ 120 VAC 60 Hz resistive

White
Rodgers™


EMERSON
Climate Technologies

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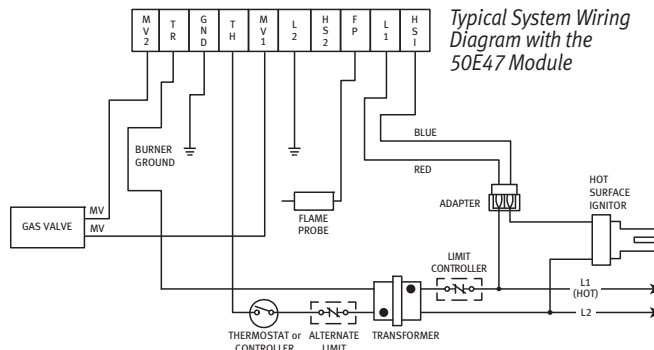
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Program Key Information

Six Program Keys are provided for different applications. Refer to the enclosed installation instructions for detailed Program Key selections. This table shows Timings and Retries for each key. After selecting and inserting the proper key, remove or dispose of the remaining keys.

50E47-843 – Program Key Timing Specifications Quick Reference

Key	Trial for Ignition	Retries	Prepurge	Interpurge (Ignitor Warmup)
A-Blue	4 sec.	0	30 sec.	45 sec.
B-Red	4 sec.	2	30 sec.	45 sec.
C-Green	7 sec.	0	30 sec.	45 sec.
D-Violet	7 sec.	2	30 sec.	45 sec.
E-Orange	4 sec.	2	30 sec.	17 sec.
F-Yellow	7 sec.	2	30 sec.	17 sec.



50E47-843 Universal Module Replaces These Silicon Carbide Non-Integrated Modules

025-25436-000 02525436700 025-25436-700 1001346 120-08027 1300-4928 1380694 2076-0184 350760 3591-1306 3XA74 4CZ50 4E954 4E955 4E956 50D47-1 50D47-101 50D47-120 50D47-140 50D47-150 50D47-160 50D47-161 50D47-170 50D47-20 50D47-260 50D47-30 50D47-40 50D47-50 50D47-560 50D47-60 50D47-70 50D47-841 50D47-843 50D47-851 50D47-860 50D47-861 50D47-870 50D47-871 50D47-70 50D47-905 50D47-915 50D47-925 50D47-935 50D47-945	50D47-955 50D47-965 50D47-975 50E47-1 50E47-10 50E47-101 50E47-110 50E47-120 50E47-130 50E47-140 50E47-150 50E47-160 50E47-161 50E47-170 50E47-20 50E47-260 50E47-30 50E47-40 50E47-50 50E47-560 50E47-60 50E47-70 50E47-841 50E47-843 50E47-851 50E47-860 50E47-861 50E47-870 50E47-871 50F47-101 50F47-140 50F47-160 50F47-40 50F47-60 50G47-1	50G47-130 50G47-140 50G47-150 50G47-160 50G47-40 50G47-60 780-780 780-783 780-784 780-785 780-786 780-787 780-788 780-789 780-790 780-910 832-002 832-005 995395 99796380 99905232 C6411102 CNT1316 CNT1690 CNT1691 HS780-17NL-104A HS780-17NL-106A HS780-17NL-108A HS780-17NL-304A HS780-17NL-306A HS780-17NL-308A HS780-17NR-104A HS780-17NR-106A HS780-17NR-108A HS780-17NR-304A	HS780-17NR-306A HS780-17NR-308A HS780-17NR-312A HS780-17PL-106A HS780-17PL-108A HS780-17PL-304A HS780-17PL-306A HS780-17PL-308A HS780-17PR-104A HS780-17PR-108A HS780-17PR-306A HS780-34NL-106A HS780-34NL-108A HS780-34NL-304A HS780-34NL-306A HS780-34NL-308A HS780-34NL-312A HS780-34NR-104A HS780-34NR-106A HS780-34NR-304A HS780-34NR-306A HS780-34NR-308A HS780-34NR-312A HS780-34PL-104A HS780-34PL-106A HS780-34PL-108A HS780-34PL-304A HS780-34PL-306A HS780-34PL-308A HS780-34PR-106A HS780-34PR-108A HS780-34PR-304A HS780-34PR-306A HS780-34PR-308A S890C1007	S890D1006 S890G1003 S890G1011 S890G1029 S890G1037 S890H1002 S890H1010 S890H1028 S8910U S8910U1000 S89C1004 S89C1012 S89C1046 S89C1079 S89C1087 S89C1103 S89D1002 S89G1005 S89G1013 S89G1021 S89G1047 S89H1003 S89H1011 S89H1029 S89J1008 X13130193-04 X13130437-01 X13130437010 X13130437020 X13130437-03 X13130437030 X13130437040 X13130437060 X13130437080 X324601
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Installation Note: When installing, see the installation instructions for a complete timing specifications cross-reference guide.

Note: Additional information and updates for suggested replacements are located on our website in the Model Number Search/Cross Reference section. The above, concise White-Rodgers suggested replacement information is given on the express understanding and agreement from the recipient that it is given without warranty (express or implied) or liability of any kind. Responsibility for the selection and application of a control rest solely with the installer.

Mouser Electronics

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