

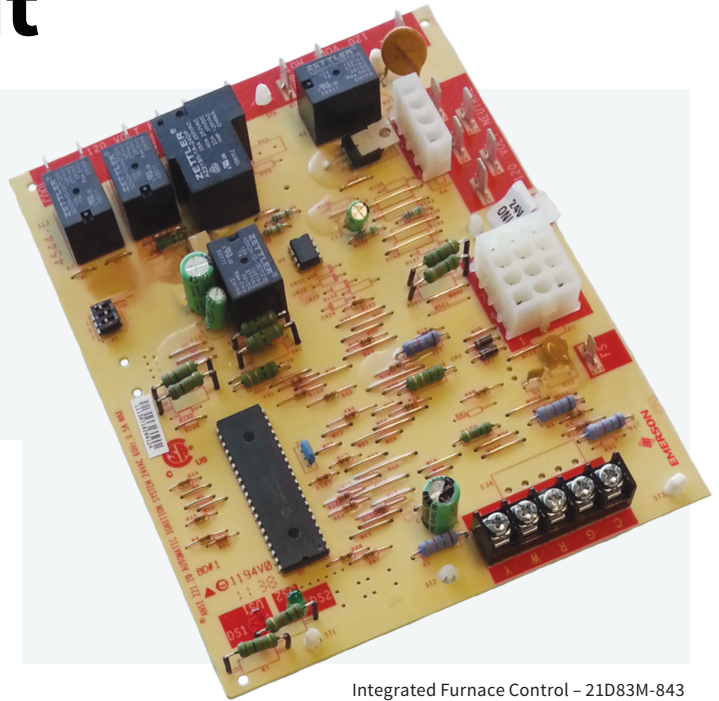
Lennox Single Stage HSI Integrated Furnace Control Kit

21D83M-843

Nitride Ignition

Integrated Furnace Control:

Controls Gas Valve, Ignitor, Blower, Inducer, Humidifier and Air Cleaner. Replaces Lennox models



Integrated Furnace Control – 21D83M-843



Kit includes

- 1 – 50A66-843 Ignition Control Board
- 1 – Wiring harness (9-pin to 12-pin)
- 1 – Wiring harness (4-pin to 6-pin)
- 1 – Mounting panel
- 4 – Stand-off fasteners
- 1 – Circuit breaker
- 1 – 4" blue wire
- 2 – Wiring diagrams

Specifications

- Input Voltage:** 25 VAC 50 / 60 Hz
- Maximum Input Current @ 25 VAC:** 0.45 amp
- Valve Relay:** 1.5 amp @ 25 VAC 50 / 60 Hz 0.6 pf
- Ignitor Relay:** 2.0 amp @ 120 VAC 50 / 60 Hz (resistive)
- Inducer Relay:** 2.2 FLA – 3.5 LRA @ 120 VAC
- Circulator Relay:** 14.5 FLA – 25.0 LRA @ 120 VAC
- Operating Temperature Range:** -40 to +175°F (-40 to +79°C)
- Humidity Range:** 5% to 93% relative humidity (non-condensing)

21D83M-843 Cross Reference

Lennox	White-Rodgers
10M9301	50A65-120
12L6901	50A65-121
32M8801	
56L8401	
24L8501	50A62-120
63K8901	50A62-121
97L4801	50A62-820
100925-01	21D83M-843
100925-03	50A66-122
17W9201	50A66-123
23W5101	
30W2501	
69M0801	
69M1501	
83M00	

**Replace the Original
 with the Original**