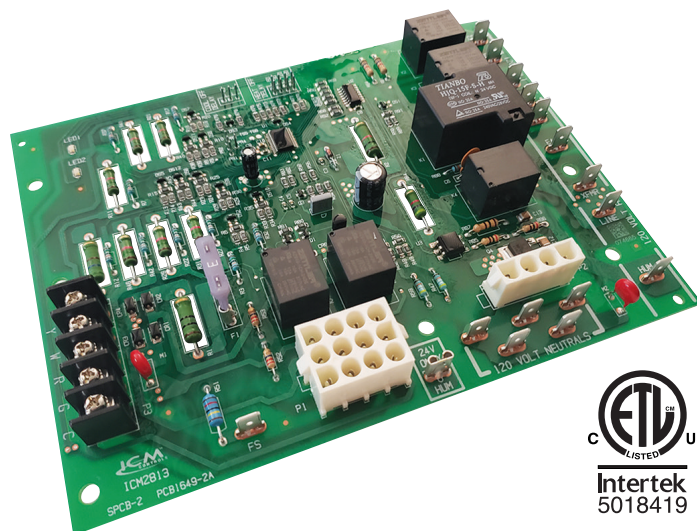


ICM2813 FURNACE CONTROL MODULE



Features

- Controls the gas valve, inducer draft motor, circulating blower and hot surface ignitor
- Monitors system pressure and limit switches
- Microprocessor based precision
- Diagnostic LEDs aid in testing and trouble shooting



Quality Built to the Highest Standards

- Conforms to UL STDs 60730-1 and 60730-2-5.
- Certified to CSA STD E60730-1 and CSA STD C22.2#60730-2-5
- Manufactured in a state of the art vertically integrated ISO9001:2015 facility
- Form, fit and functional design for wire to wire replacement
- Redundant Gas valve design conforms to ANSI Z21.20
- Circuit board design incorporates double sided, plated, through-hole construction for high reliability

Specifications

Electrical

Electrical Rating @ 77°F (25°C)

- **Input Voltage:** 18-30 VAC 50/60 Hz maximum
- **Igniter Current:** 2.0 amp @ 80 VAC 50/60 Hz (resistive)
- **Inducer Relay:** 2.2 FLA–3.5 LRA @ 120 VAC
- **Blower Relay:** 14.5 FLA–25.0 LRA @ 120 VAC (2spd–H/C)
- **Gas Valve Relay:** 1.5 amp @ 25 VAC 50/60 Hz 0.6 pf

Environmental

- **Operating Temp Range:** -40° to 176°F (-40° to 80°C)
- **Humidity Range:** 5 to 95% relative humidity (non-condensing)

Replaces

Lennox: 10M9301, 12L6901, 32M8801, 56L8401, 24L8501, 63K8901, 97L4801, 100925-01, 100925-03, 17W9201, 23W5101, 30W2501, 69M0801, 69M1501, 83M00

White-Rodgers: 50A65-120, 50A65-121, 50A62-120, 50A62-121, 50A62-820, 21D83M-843, 50A66-122, 50A66-123