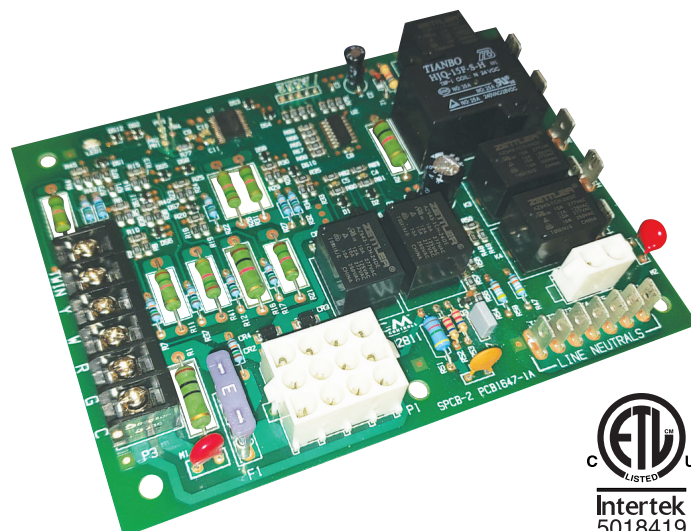


ICM2811 FURNACE CONTROL MODULE



Features

- Controls the gas valve, inducer draft motor, circulating blower and hot surface ignitor
- Monitors system pressure and limit switches
- Microprocessor based precision
- Twinning compatible with another ICM2811 Control Board
- Diagnostic LEDs aid in testing and troubleshooting



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: 6.0 amp @ 120 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

Goodman: PCBBF110/S, PCBBF123/S, 0130F00005/S, PCBBF112\S, B18099-26/S

White-Rodgers: 50A55-743, 50A55-289, 50T55-289