

ICM2911

Direct Spark Ignition (DSI) Control Board



APPLICATIONS:

APPLIANCE

ELECTRICAL

HVAC/R | MARINE | POOL & SPA |



REPLACES

■ Modine Spark Ignition Control: 5H79749

FEATURES

- ▼ Direct Spark Ignition (DSI) control board
- √ Microprocessor-based
- ▼ Monitors system timing, trial for ignition, system switches, flame sensing and lockout
- √ 100% lockout safety feature monitors for repeated over-temperature faults or flame losses and disables the heat operation for safety
- ▼ Continuously monitors the gas valve output
- ▼ Compatible with LP or natural gas
- ▼ LED indication for status and fault codes to aid in troubleshooting
- ▼ Twinning feature allows two furnace boards to be controlled with a single thermostat
- √ Field test mode

SPECIFICATIONS

INPUT:

• Voltage: 120 VAC

• Control voltage: 18 - 30 VAC

• Frequency: 50/60 Hz

OUTPUT:

• Spark ignition: 12kV O.C.V., 60Hz

• Heat blower: 15 FLA/30 LRA @ 277 VAC

• Inducer fan: 1/2 HP, 9.8FLA/58.8LRA @120 VAC

• Gas valve: 2.3A Pilot Duty @ 240 VAC





