

# ICM295 & ICM296 SPARK IGNITION CONTROL MODULES



Low cost, form, fit and functional replacement ignition control



## Features

- For use with intermittent pilot boilers, furnaces or other heating appliances
- Microprocessor-based precision
- Compatible with LP or Natural Gas

### ICM295

- Continuous spark until pilot flame established
- Replaces Carrier LH33WZ510 and comparable ignition controls

### ICM296

- 100% safety lockout
- Replaces Carrier LH33WZ512 and comparable ignition controls requiring 100% safety lockout

## ICM295 Specifications

**Control Voltage:** Line 24 VAC (18-30 VAC) @ 50/60Hz  
**Prepurge:** 0 or 10 seconds (system dependent)  
**Retries:** Continuous  
**Operating Temperature:** -40°F (-40°C) to 75°C (176°F)  
**Relative Humidity:** 0% to 95% non-condensing  
**Spark Frequency:** 15Hz for 90 seconds, 10Hz thereafter

## ICM296 Specifications

**Control Voltage:** Line 24 VAC (18-30 VAC) @ 50/60Hz  
**Prepurge:** None  
**Lockout:** 5-6 minutes  
**Retries:** None  
**Operating Temp.:** -40°F (-40°C) to 75°C (176°F)  
**Relative Humidity:** 0% to 95% non-condensing  
**Relay Contact Rating:** 1 amp @ 24 VAC  
**Trail for Ignition:** 90 seconds  
**Flame Failure Response Time:** 0.8 sec. max.  
**Spark Frequency:** 60 Hz