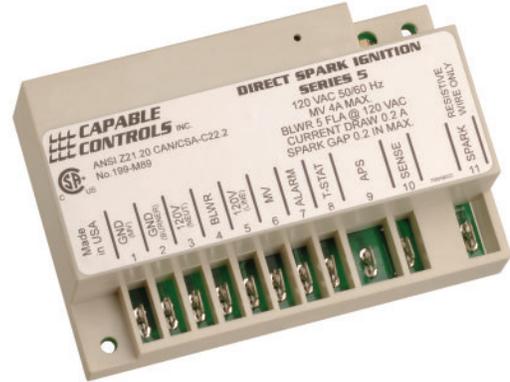


## Series 5X

### Microprocessor Based Ignition Control Intermittent Pilot/Direct Spark with Combustion Blower Relay

#### Options

- Internal (single rod) or external (dual rod) flame sense
- Rollout switch input (high temperature sensor for back draft)
- Alarm: 5vdc, 24Vac, 120Vac, 24vdc or 120vdc
- Blower output (requires air pressure switch input)
- Quick start (external sense only .5 second start up)
- Flame stabilization
- Flame stabilization with quick start
- Universal model: field selectable timing via DIP switch
- Re-ignition 5 or 60 minutes retry



#### Timing Selections

- Pre-purge 0-99 seconds
- Inter-purge 0-99 seconds
- Post-purge 0-99 seconds (must have blower option)
- Trial time 3-250 seconds
- Trials for ignition 1-9 tries 0=continuous
- Flame failure response 1 second maximum

#### Agency Certifications



CSA ANSI Z21.20  
CSA C22.2 No. 199-M89

#### Description / Features:

The Series 5 ignition modules provide continuous ignition sequence flame monitoring and safety shut off with a dual color LED for continuous status of control operation and fault conditions.

The Series 5 microprocessor-based ignition modules are designed and stringently tested for use in all types of cooking and heating applications.

The state-of-the-art design features operation of gas burner with many hardware and software options such as:

- Safe start
- Combustion blower control
- Roll out switch input
- Flame stabilization
- Re-ignition
- Universal field selectable DIP switch for timing selections
- Independent alarm outputs
- Thousands of timing combinations offered
- Quick start for fast response to load changes

Made in USA

#### SPECIFICATIONS

INPUT VOLTAGES	DESCRIPTION
Power Input:	12vdc, 24Vac, 120Vac, 230Vac at 50/60Hz
Power Consumption:	.2A without valve
Flame Sensing:	0.15uA minimum
Gas Types:	Natural, L.P. or Manufactured
Main Relay:	4 Amps
Pilot Relay (IP only):	2 Amps
Blower:	16 Amps Max @ 120Vac
Style:	Enclosed in Flame Proof Housing
Temperature:	- 40° to 176°F
Operation Humidity:	5% to 93% Relative Humidity (non-condensing)
Mounting Position:	Multipoise
Sensing Method:	Rectification High Sensitivity
Electrical:	Relays Heavy Duty 16A
Spark Gap:	0.20" Maximum
Connections:	1/4" Male Spade Terminals
Dimensions:	4.85"W x 3.15"D x 1.50"H

