

## Electronic Spark Ignition Modules Spark Non-reignition



**2+0 Module**



**4+0 Module**



**5+0, 6+0 Module**

The Invensys spark ignition module is a solid-state electronic igniter control which uses high voltage spark discharge to ignite gas at various locations, such as a range top, oven, broiler or griddle. The number of burner assemblies and their function will determine the type of module to use.

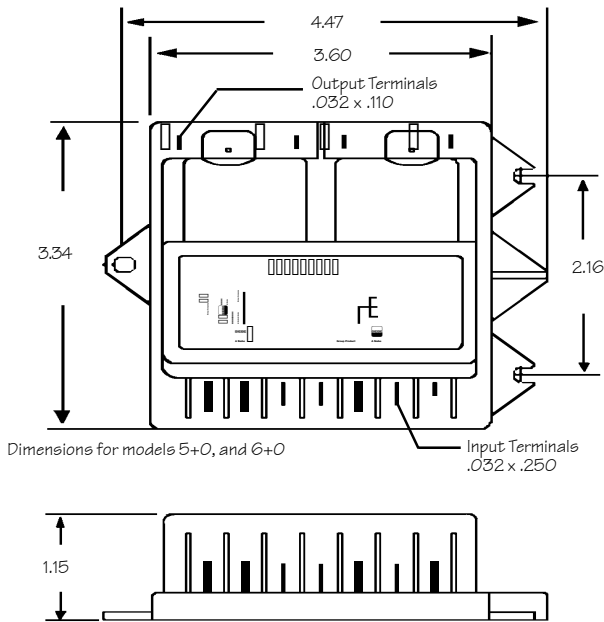
Invensys ignition modules are engineered to operate effectively with any available spark electrode in use today, even low-efficiency types of electrodes with up to 50 pico farads of capacitance effect associated with each individual electrode.

Any length of high-temperature wire in various increments can be used to conserve the cost of high-voltage wire. Only one igniter is required for low-cost installation of various burner configurations (Refer to Module Function Chart 1).

### Module Function Chart 1

Model	Module (No. of electrodes) Function	Operation Capability
U-67320	2+0	Manual operation for 4 top burners (flash tube ignition)
U-67340	4+0	Manual operation for 4 top burners (direct burner ignition)
U-67250	5+0, 6+0	Manual operation for 5 to 6 top burners (direct burner ignition)

## Dimensions (in inches)



## Specifications

Spark energy available at each burner:

Typically greater than 15 millijoules

Operating Temperature:

AGA/CGA continuous rating of 120°C

Burner Electrode Gap Distances: Up to 0.160" each

Fully potted to meet UL 94:VO ratings

## Dimensions for 67320 and 67340

### Features

- Operation is at a higher temperature, with an AGA/CGA continuous rating of 120°C.
- Operation uses increased burner electrode gap distances of up to 0.160" each.
- RFI noise is very low for increased compatibility with other "on range" electronic products.
- Re-ignition time delays and spark rates are optimized to minimize nuisance sparking.
- Performance is maintained in high-humidity conditions.
- Flame-sensing technique is of the flame-rectification type.
- Mounting style is made to accommodate the most popular industry mounting configurations.

### Options

- Different models are offered in various combinations of burners, including flame-sensing and nonflame-sensing.
- From 1 to 6 high-voltage outputs can be provided using two sizes of housing dimensions.
- There are presently four available models for 120VAC and 230VAC, 50/60HZ, as listed with the dimensions.

This system has been certified by the American Gas Association