



21D64-1



**Ignitor Strength
Demonstration**

NITRIDE UPGRADE KIT

Designed to Replace Silicon Carbide Ignitors with Sturdier Nitride Design

FEATURES

- Replaces most silicon carbide ignitors.
- Includes universal ignitor mounting bracket.
- Super tough nitride ignitor construction.
- Easy ignitor replacement.
- 5 year warranty.

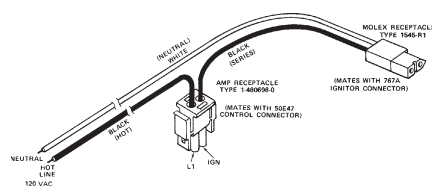
SPECIFICATIONS

Operating Temperature -40° to +176°F (-40 to +80°C)
 Humidity 95% non-condensing
 Input Voltage 120VAC @ 1.2 amps nominal,
 7 amps inrush at 50/60 Hz

TECHNICAL HELP

Wiring Diagrams see pages 257-258

Model Number	Description
21D64-1	Kit includes nitride ignitor, power supply module, universal mounting bracket, connection harness and furnace label



**F115-0100
Harness Connector**

**HARNESS CONNECTOR FOR
HOT SURFACE IGNITION (H.S.I.) SYSTEMS**

The Harness Connects the 767A Ignitor with the 50E47 Ignition Module. Wire and Connectors are Rated at 105°C

Model Number	Lead Lengths		
	Control	Series	Ignition
F115-0100 ①	24"	24"	24"

① If harness lead lengths are not sufficient for application, contact O.E.M. for exact replacement harness



**760-401
Flame Sensor**

**FLAME SENSOR FOR
HOT SURFACE IGNITION (H.S.I.) SYSTEMS**

Flame Sensors can be Mounted Remotely on Multiple Burner or Adjacent to Ignitor on Other Applications

FEATURES

- High quality Alumina ceramic insulator.
- High temperature Kanthal flame rod material that can withstand 1800°F.
- Teflon insulated (250°C rating) lead wire.
- Single screw, plated steel mounting bracket.

SPECIFICATIONS

Agency A.G.A. and C.G.A. design certified

Model Number	Lead Length	Electrical Connection
760-401	30"	1/4" female spade terminal
760-802 ①	30"	1/4" female spade terminal

① Exact replacement for O.E.M. model

FURNACE