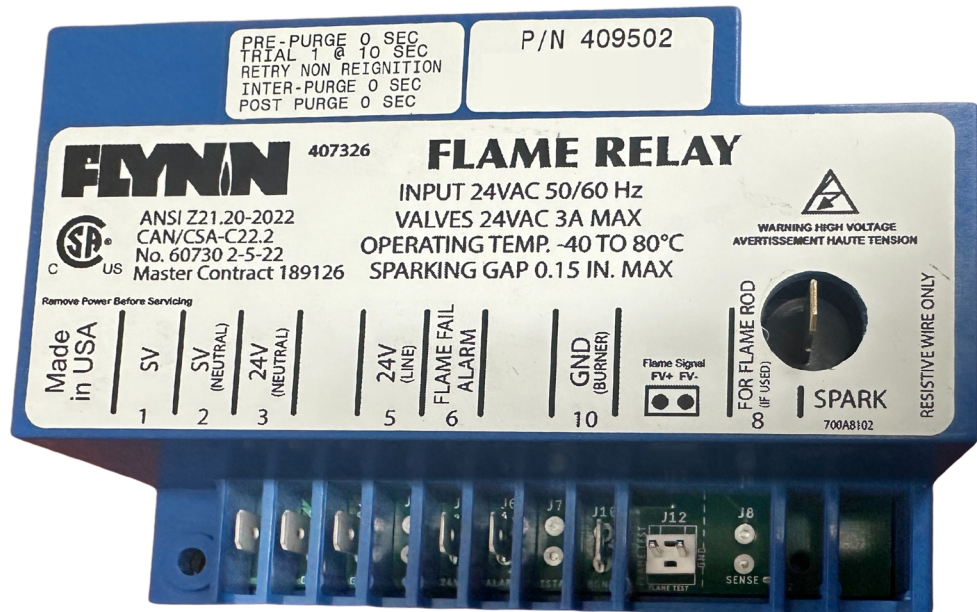


Flame Relay Provides Ignition and Flame Monitoring



Features:

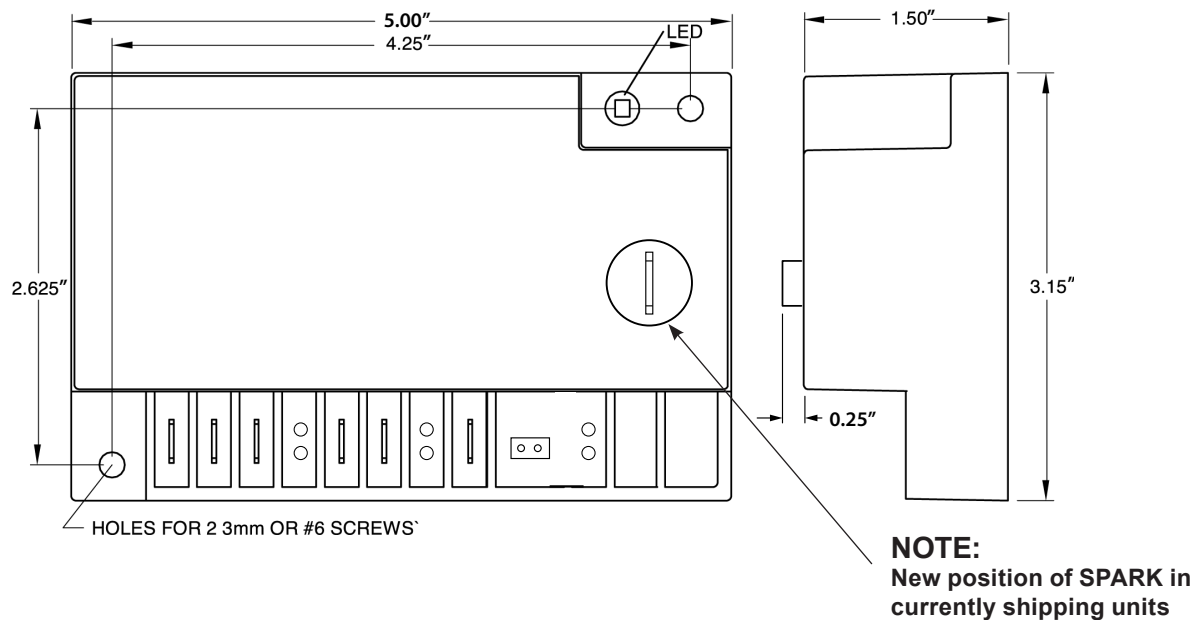
Part No. 409502 SHOWN

- Flame Fail Light (red)
- Flame On Light (green)
- Plastic Housing
- Compact Size
- Micro Processor Based Ignition Control
- Ignition and flame monitoring for burner capacities less than 400,000 BTU/HR
- Trial for ignition = 10 secs

New Part Number	Old Part Number	Ignition Sensing Configuration	Input Voltage	Certification	Operating Temp
409500	407599	Combined Electrode/Sensor	120VAC	CSA	-40°F to 185°F
409501	407597	Separate Electrode & Sensor	120VAC	CSA	-40°F to 185°F
409502	407595	Combined Electrode/Sensor	24VAC	CSA	-40°F to 185°F
409503	407594	Separate Electrode & Sensor	24VAC	CSA	-40°F to 185°F
409504	407590	Combined Electrode/Sensor	230VAC	CSA	-40°F to 185°F
409505	407592	Separate Electrode & Sensor	230VAC	CSA	-40°F to 185°F

Flame Relay Provides Ignition and Flame Monitoring

Dimensions:

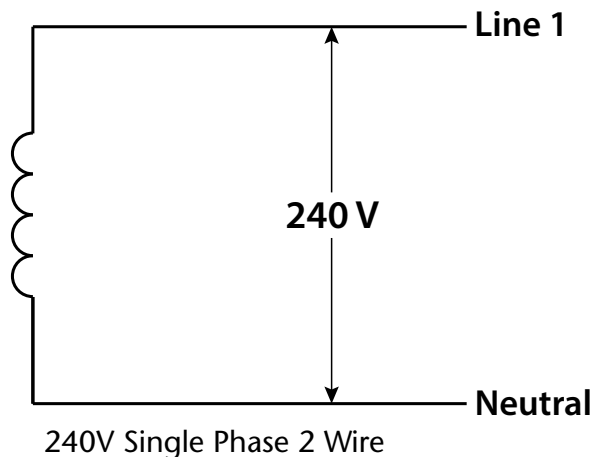


240V Single Phase 2 Wire

In some countries, 240V Power is provided to homes and small buildings as a 2 Wire 240V Single Phase power circuit.

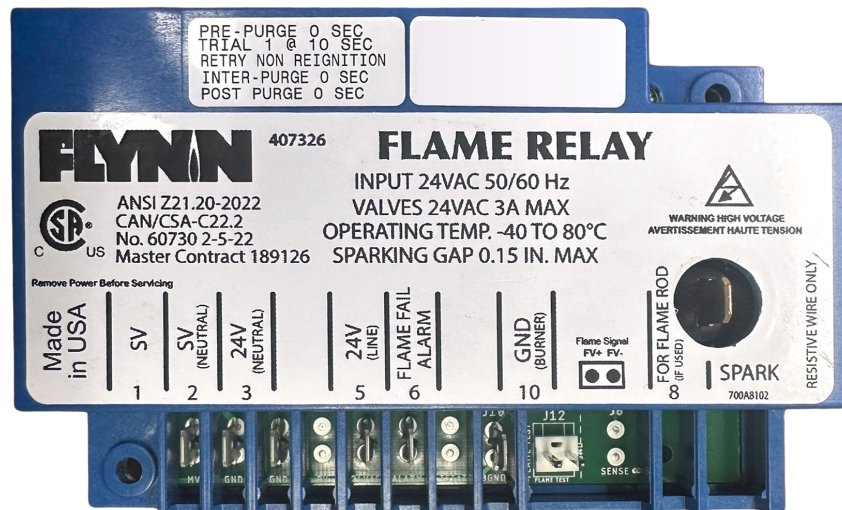
MAXIMUM POWER - In a single phase power circuit maximum power is calculated as the voltage times the current. If we assume it's a 200A power circuit then the maximum deliverable power is 200×240 as follows.

- Current (Amps): 200A
- Voltage (Volts): 240V
- Maximum Single Phase Power
 - 48 KVA Kilovolt Amps or
 - 48 KW Kilowatts



Flame Relay New Updates 2024

New



Note:

- New Rearranged Terminal Position
- New Spark Position
- Same Original Functions

Old

