



**668-401**



**668-451**

**668 SERIES KWIK-SENSOR CAD CELL RELAYS**

Replaces Intermittent Ignition Kwik-Sensor CAD Cell Relays on Oil Burner Systems with 15, 30 or 45 Second Safety Timing. Certain Types have Unique Signal-Lite Feature which Glows Whenever Safety Lock-Out Occurs

**FEATURES**

- Grey metal enclosure.
- Line voltage safety switch eliminates burner run-on in event motor relay contacts weld closed.
- Solid state flame detection circuitry is not affected by vibration or high or low ambient temperatures. Suitable for use from – 40 to 150°F (– 40 to 66°C)
- Recycles upon momentary flame failure or power interruption.

**SPECIFICATIONS**

Input Voltage. . . . .	120 VAC, 60 Hz
Control Voltage. . . . .	24 VAC
Motor Relay Contacts Rating . . . . .	Full 10 FLA, 60 LRA, 120 VAC
Ignition Transformer Rating . . . . .	360 VA (3.0A)
Mounting. . . . .	10" useable leads, mounts to 4 x 4" junction box

Model Number	Safety Timing	Thermostat Type	Thermostat Anticipator Setting	Safety Lock-Out Lamp	Manual Lock-Out Lever	Integral Transformer	Time Start Fan Switch
668-401	45 seconds	2-Wire	0.4A	No	No	No	No
668-430	45 seconds	2 or 3-Wire ①	0.4A	Yes	Yes	No	F①-B
668-451 ②	45 seconds	2-Wire	0.4A	No	No	40VA	C-W
668-501	30 seconds	2-Wire	0.4A	No	No	No	No
668-601	15 seconds	2-Wire	0.4A	No	No	No	No
668-515	30 seconds	2 or 3-Wire	0.4A	Yes	Yes	No	No

① 3-wire series 10.

② Models with external transformer have safety switch contacts in motor relay (low voltage) circuit.



**956-154**

**FLAME DETECTORS**

Solid State Electronic Flame Detector which Utilizes Light Intensity to Sense the Presence of a Flame in Oil Burning Heating Equipment

Model Number	Description
956-1	Standard flame detector with straight bracket. 48½" leads.
956-154	Universal flame detector with 6 brackets. 60" leads.
F145-0825	Replacement flame detector with 4 separate brackets. 30" leads. With instruction sheet.
956-35	Straight bracket, 65" leads.

✦ Indicates Canadian Model Number: call 1-800-305-6953 to order