



668-401



668-451

668 SERIES KWIK-SENSOR CAD CELL RELAYS

Replaces Intermittent Ignition Kwik-Sensor CAD Cell Relays on Oil Burner Systems with 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
668-451 ①	45 seconds	2-Wire	0.4A	No	No	40VA	C-W
668-515	30 seconds	2 or 3-Wire	0.4A	Yes	Yes	No	No

① 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.