

RA890G Protectorelay® Primary Control



Dimensions, Approximate: 5 in. high, 5 in. wide, 4 3/4 in. deep (including subbase) (127 mm high, 127 mm wide, 121 mm deep (including subbase))

Application: Either a line or low voltage controller can be used

Alarm Relay Switching: SPDT

Safety Switch Timing: 15 seconds

Temperature Ratings: 50 Hz models -20 F to +105 F, 60 Hz models -20 F to +115 F (50 Hz Models -29 C to +41 C, 60 Hz Models -29 C to +46 C)

Primary control provides solid state, electronic flame safeguard protection for industrial and commercial single or dual fuel burners.

- Designed for interrupted ignition with intermittent pilot on gas burners, and interrupted or intermittent ignition on oil burners.
- Use with a C7027, C7035 or C7044 Minipeeper Ultraviolet Flame Detector for flame sensing.
- Relights once after flame failure in attempt to re-establish pilot before lockout.
- Solid state circuitry, eliminates warm-up and increases resistance to vibration.
- Includes spdt alarm contacts.
- Test jack permits reading of the flame signal.
- Mounts and removes easily through use of captive mounting screws.
- Mounting base is made of strong thermoplastic.

Approvals:

Canadian Standards Association: CSA Certified: 120V models only; File No. LR9S329

Control Safety Devices: Factory Mutual: Approved: Report No. 22013

Underwriters Laboratories, Inc: UL Listed: 120V models only; File No. MP268, Guide No. MCCZ

Accessories:

123514B Flame Simulator, Simulates C7027, C7035, C7044

Q270A1024 Wiring Mounting Base for RA890, R4795

Product Number	Flame Failure Response Time	Electrical Ratings		Description
		Power Supply (Vac)	Frequency (Hz)	
RA890G1229	0.8 sec	120 Vac	50/60 Hz	Ultraviolet, with alarm contacts
RA890G1245	0.8 sec	220 Vac	50/60 Hz	Ultraviolet, with alarm contacts
RA890G1260	3.0 sec	120 Vac	50/60 Hz	Ultraviolet, with alarm contacts
RA890G1286	3.0 sec	240 Vac	50/60 Hz	Ultraviolet, with alarm contacts
RA890G1302	3.0 sec	220 Vac	50 Hz	Ultraviolet, with alarm contacts