

# Oil Primaries

## R8184G Protectorelay® Oil Burner Control



**Provides automatic, non-recycling control of an intermittent ignition oil burner system.**

- Controls oil burner, oil valve (if desired) and the ignition transformer in response to a call for heat.
- Solid state flame sensing circuit.
- LED on terminal strip indicates system lockout.
- Remote lockout indication available on some models.
- Enclosed safety switch with external reset button.
- Manual trip lever opens safety switch for system maintenance.
- Mounts on standard 4 x 4 in. junction box; select models may be mounted directly on burner housing.
- C554A Cadmium Sulfide Flame Detector and 24 Vac thermostat required.

**Dimensions, Approximate:** 4-3/8 in. high x 4-1/8 in. wide x 2-1/2 in. deep (111 mm high x 104 mm wide x 64 mm deep)

**Ignition Type:** Intermittent

**Temperature Range:** -40 F to +130 F (-40 C to +54 C)

**Electrical Rating, Contacts:** 7.4A @ 120 Vac; 3.7A @ 240 Vac (Full Load), 44.4A @ 120 Vac; 22.2A @ 240 Vac (Locked Rotor).

**Alarm Load Ratings:** 75 VA @ 120/240 Vac, 50-60Hz; 25 VA @ 24V, 50-60 Hz (Pilot Duty), 1.5A @ 120/240V, 50-60Hz; 3A @ 24 V, 50-60Hz (Resistive)

**Approvals:**

**Canadian Standards Association:** CSA Certified; File no. LR95329-1

**Underwriters Laboratories Inc.** UL Component Recognized; File no. MP268, Vol. 35 Sec. 1,3

Product Number	Timing, Safety Switch	Mounting Bracket	Description	Comments	Includes
* R8184G4009	45 sec.	For mounting on a standard 4 in. x 4 in. junction box or direct mounting on burner housing.	Protectorelay® Oil Burner Control with 45 seconds lock out timing	With LED for lockout indication, and manual trip lever on safety switch to assure burner shutdown during servicing.	—
* R8184G4025	45 sec.	For mounting on a standard 4 in. x 4 in. junction box or direct mounting on burner housing.	Protectorelay® Oil Burner Control with 45 seconds lock out timing	With LED for lockout indication, and manual trip lever on safety switch to assure burner shutdown during servicing.	Remote Alarm Power
* R8184G4066	15 sec.	For mounting on a standard 4 in. x 4 in. junction box or direct mounting on burner housing.	Protectorelay® Oil Burner Control with 15 seconds lock out timing	With LED for lockout indication, and manual trip lever on safety switch to assure burner shutdown during servicing.	—
* R8184G4074	30 sec.	For mounting on a standard 4 in. x 4 in. junction box or direct mounting on burner housing.	Protectorelay® Oil Burner Control with 30 seconds lock out timing	With LED for lockout indication, and manual trip lever on safety switch to assure burner shutdown during servicing.	—
* R8184G4082	45 sec.	For mounting on a standard 4 in. x 4 in. junction box or direct mounting on burner housing.	Protectorelay® Oil Burner Control with 45 seconds lock out timing	With LED for lockout indication, and manual trip lever on safety switch to assure burner shutdown during servicing. Includes remote alarm dry contacts.	Alarm

\* TRADELINE models • SUPER TRADELINE models