

EC7885; RM7885 Manual Start industrial Primary Control



Microprocessor-based integrated burner control for industrial semi-automatically fired gas, oil, coal, or combination fuel single burner applications. Provides level of safety, functional capability and features beyond conventional controls.

Dimension Diagrams

See Diagram on page 696

Ambient Temperature Rating-40 F to 140 F: (-40 C to 60 C)

Vibration: 0.5 G environment

Weight (lb): 1 lb 13 oz (0.8kg)

- Functions include flame supervision, system status indication, system or self-diagnostics and troubleshooting.
- Adaptable to continuous firing, high-low or modulating firing rate for semi-automatic burner sequencing.
- Operates with the following:
 - Torch-ignited main burner or torch-ignited pilot using S445A Start-Stop Station, or conventional knee or foot operated station.
 - Direct-ignition oil burner or electrically ignited pilot, using S445A Start-Stop Station.
- Five LEDs provide sequence information.
- Non-volatile memory.
- Flame signal check during standby.
- Shutter drive output.
- Compatible with existing Honeywell flame detectors.
- Terminal provided for external alarm to sound on flame failure.

Approvals:

Factory Mutual: Approved: Report No. J.I.OX4A5.AF.

Required Components: Q7800A,B Universal Wiring Subbases. R7847, R7848, R7849, R7851, R7861, or R7886 Flame Signal Amplifier.

Product Number	Electrical Ratings, Power Supply (Vac)	Electrical Ratings, Power Supply (Hz)	Flame Establishing Period	Pilot Type	Description
			Pilot		
EC7885A1011	220-240 Vac (+10/-15%)	50/60 Hz (±10%)	15 min	intermittent	Primary Control, Semi-Automatic
RM7885A1015	120 Vac (+10/-15%)	50/60 Hz (±10%)	15 min	intermittent	Primary Control, Semi-Automatic