

50D50-842



UNIVERSAL DIRECT SPARK IGNITION CONTROL FOR ALL GASES

The 50D50-842 is a Microprocessor Based Gas Ignition Control for Heating Appliance Using Either Natural or LP Gas. Proof of Flames is Accomplished. The Unit is Designed as a Direct Spark Ignition Source

FEATURES

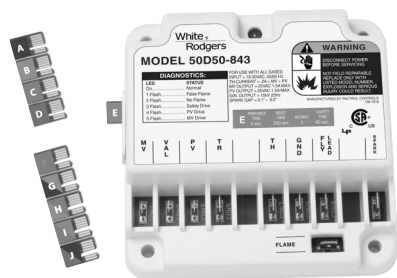
- Color LED indicator for diagnostics.
- Program keys.
- 1/4" and 3/16" quick connect terminals.
- Damper interface.

SPECIFICATIONS

Electrical Ratings Input 18-30 VAC, 25 VAC nominal
 Maximum Input Current @ 25 VAC 0.2A + MV @ 25°C
 Ambient Operating Range -40° to +175°F
 Flame Establishment Time8 sec
 Mounting. Multipoise
 Agency Approvals. CSA USA / CANADA

50D50-842 CONFIGURATION OPTIONS (All Times in Seconds)

Model Number	Key	Trial for Ignition	Prepurge	Retries	Interpurge
50D50-842	A	4	0	2	90 sec.
	B	4	30	2	90 sec.
	C	7	0	2	90 sec.
	D	7	30	2	90 sec.
	E	7	0	0	N/A
	F	7	30	0	N/A
	G	11	0	0	N/A
	H	11	30	0	N/A



50D50-843



UNIVERSAL PROVEN PILOT SPARK CONTROL FOR ALL GASES

Microcomputer Based Gas Ignition & Primary Safety Control Designed for Interrupted Spark and Burner Supervision of All Gases Used in Gas Fired Appliance Applications.

FEATURES

- Field service replacement for most Honeywell, Robertshaw, Johnson Controls and UTEC Intermittent Pilot Ignition Controls.
- Provides ignition, proof of ignition and precise timing.
- Works with single rod or dual rod remote sensor.
- Color LED indicator for diagnostics.

SPECIFICATIONS

Electrical Ratings Input 18-30 VAC, 25 VAC nominal
 Maximum Input Current @ 25 VAC 0.2A + MV + PV @ 25°C
 Flame Out Recognition Time 8 seconds
 Ambient Operating Range -40° to +176°F (-40° to +80°C)
 Dimensions. 4.13"L x 4.13"W x 1.5"H
 Agency Approvals. CSA USA/CANADA

50D50-843 CONFIGURATION OPTIONS (All Times in Seconds)

Model Number	Key	Reset Time	Prepurge	Retries	Safety Time
50D50-843	A	300	0	Continuous	90
	B	300	30	Continuous	90
	C	300	0	Continuous	30
	D	300	30	Continuous	30
	E	300	0	2	60
	F	300	30	2	60
	G	300	0	Continuous	15
	H	N/A	30	N/A	Continuous
	I	300	0	Continuous	4
	J	300	30	Continuous	4