

R8330 Electric Furnace Sequencer



One control switches a fan and up to three elements on and off in sequence.

Dimensions, Approximate: 3 1/16 in. high x 4 13/16 in. wide x 2 11/32 in. deep (78 mm high x 122 mm wide x 60 mm deep.)

Electrical Connections (main): terminals

Frequency: 60 Hz

Temperature Rating: -20 F to +150 F (-29 C to +66 C)

- Isolated fan switch has positive interlock to assure fan is on when the element is on, and fan is off when the element is off.
- Replaces any of the ten models in our line and many competitive devices.
- Combination rating on the first element switch allows replacing devices having fan and first element controlled by the same switch without rewiring the furnace.
- Auxiliary switch controls a second R8330 in application with more than three elements.
- Cycles ON within two minutes, OFF within four minutes.
- Ten-second minimum delay between stages (makes sequence and break sequence.)
- Timings meet EEI-NEMA and ARI 280 Standards.

Approvals:
Canadian Standards Association: Certified
Underwriters Laboratories Inc. UL Listed

Product Number	Electrical Ratings, Contacts	
	(Full Load)	(Locked Rotor)
R8330D1039	4.9 A @ 277 Vac 3/4 hp; 6.9 A @ 120 Vac, 208 Vac, 240 Vac 1/3 hp; 7.2 A @ 120 vac	29.4 A @ 277 Vac 3/4 hp; 41.4 A @ 120 Vac, 208 Vac, 240 Vac 1/3 hp; 43.2 a @ 120 Vac

Product Number	Coil Ratings Voltage	Frequency
* R8330D1039	24 Vac	60 Hz

* TRADELINE models • SUPER TRADELINE models

R841 Electric Heating Relay



R841C



R841D,E

Use with two-wire, 24 Vac thermostat to control electric heating equipment such as baseboard, ceiling cable and duct heaters.

- Operate with each cycle of the thermostat (4 to 6 cycles per hour).
- Each relay switches up to a 5,000 W load.
- Contacts make and break in about 75 seconds.
- Mount in any position.
- Includes 1/2 in. (13 mm) male conduit bushing.

Dimensions, Approximate: 3 7/8 in. high x 2 13/16 in. wide x 1 1/2 in. deep (98 mm high x 71 mm wide x 38 mm deep)

Electrical Connections (main): terminals

Frequency: 60 Hz/50 Hz

Temperature Rating: -20 F to +150 F (-29 C to +66 C)

Approvals:
Canadian Standards Association: Certified
Underwriters Laboratories Inc. UL Component Recognized: File No.E47434, Guide No.XAPX

Product Number	Electrical Ratings, Contacts		
	(Full Load)	(Locked Rotor)	(Resistive)
R841C1169, R841D1036	7.0 A @ 208 Vac, 240 Vac, 277 Vac 14 A @ 120 Vac	42 A @ 208 Vac, 240 Vac, 277 Vac 84 A @ 120 Vac	18 A @ 120 Vac, 208 Vac, 240 Vac; 19 A @ 277 Vac
R841C1227, R841E1068	7.0 A @ 208 Vac, 240 Vac, 277 Vac; 14 A @ 120 Vac	42 A @ 208 Vac, 240 Vac, 277 Vac; 84 A @ 120 Vac	22 A @ 120 Vac, 208 Vac, 240 Vac; 19 a @ 277 Vac

Product Number	Coil Ratings Voltage	Frequency	Switching	Electrical Connections (main)	Includes
* R841C1169	240 Vac; 208 V	50 Hz; 60 Hz	SPST	Terminals	Enclosure with conduit bushing and an integral transformer.
* R841C1227	240 Vac	50 Hz; 60 Hz	SPST	Leadwires	—
* R841D1036	24 V	50 Hz; 60 Hz	SPST	Leadwires	Enclosure with conduit bushing.
* R841E1068	240 Vac	50 Hz; 60 Hz	SPST	Leadwires	Enclosure with conduit bushing and integral transformer; dual load

* TRADELINE models • SUPER TRADELINE models

Electric Heat Sequencer Selection Guide

Electric Heat Sequencer Selection Guide

Electric Heat Relays							
Input Voltage/Coil Voltage	Switching	Product Number	Full Load Amp Rating	Frequency	Dimensions (in.) H x W X D	Electrical Connections (main)	Special Features
24V	DPST	R8229A1005	7	B	2 3/16 x 2 3/32 x 2 1/4	CHS	—
		R8229A1021		B	2 3/16 x 2 3/32 x 2 1/4	CHS	Extra Mounting Hardware
24V	SPST	R841D1036	14	A	3 7/8 x 2 13/16 x 1 1/2	L	18A resistive @ 120/208/240VAC. Requires Transformer. Canada - replaces R841D1028
208/240V	SPST	R841C1169		A	3 7/8 x 2 13/16 x 1 1/2	L	18A resistive @ 120/208/240VAC. Integral Transformer. Canada - replaces R841C1029
240V	SPST	R841E1068		A	3 7/8 x 2 13/16 x 1 1/2	L	22A resistive @120/208/240VAC. Dual Load/integral transformer
347V	SPST	R841C1144		A	3 7/8 x 2 13/16 x 1 1/2	L	18A resistive @120/208/240VAC. Integral Transformer. Canada
600V	SPST	R841C1151		A	3 7/8 x 2 13/16 x 1 1/2	L	18A resistive @120/208/240VAC. Integral Transformer. Canada

Residential
Combustion Controls

Electric Furnace Sequencer					
Input Voltage/Coil Voltage	Product Number	Full Load Amp Rating	Frequency	Dimensions (in.) H x W X D	Electrical Connections (main)
24V	R8330D1039	7.2	B	3 1/16 x 4 13/16 x 2 11/32	T

Electric Heat Contactor					
Input Voltage/Coil Voltage	Switching	Product Number	Full Load Amp Rating	Dimensions (in.) H x W X D	Electrical Connections (main)
24V	DPST	R8246A1038	30	2-3/16 x 2-1/4 x 3-5/16	Q,S

Frequency:	A - 60Hz/50Hz; B - 60Hz, C - 50 Hz	SPST	Single Pole Single Throw
Approvals:	UL, CSA	DPST	Double Pole Single Throw
Temp Rating:	-20 F to +150 F; 115 F max for R8225	DPDT	Double Pole Double Throw
Connectors:	CHS - Combination Head Screw; L - Leadwires; Q - Quick connect; T - Terminals	SPDT	Single Pole Double Throw