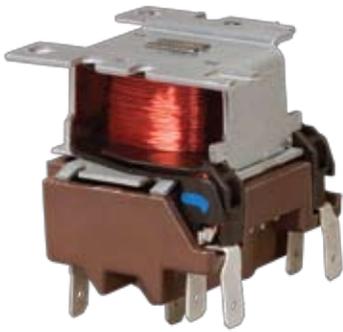




**Honeywell offers a complete range of relays for all your residential HVAC applications that are sure to win the race.** All relays products are designed to exceed safety and industry life cycle standards. In order to meet these criteria, a statistically significant sample of relays are tested to failure and to our stringent qualification requirements. This testing methodology enables Honeywell to verify that relays will exceed industry standards.

# Relays

## MULTIPLE CONFIGURATIONS FOR VARIOUS APPLICATIONS



- **General Purpose and Heavy-Duty Switching Relays** — R4222, R8222, R4228 and R8228 for use in refrigeration and air-conditioning equipment, appliances and vending machines
- **Time Delay Relay** — ST82 combines the R8222 or R8228 relay for use in compressor-run air conditioning and heat pump systems; this product features an electronic timer that delays blower shut off after the compressor has shut off.
- **Fully Enclosed Line and Low-Voltage Fan Relays** — R4225 and R8225 for control of line voltage fan motors and auxiliary circuits.
- **Electric Heating Relay for use in resistive electric heating appliances** – R841 for use with two-wire thermostats to control baseboard, ceiling cable and duct heaters.
  - R8330 can switch a fan and up to three elements on and off in sequence.
  - R8229 electric heat relay is normally closed for load control systems. These relays require power to shed load.
  - R8246 electric heat contactor for controlling up to two heating elements per contact.
  - RC840 for use with two or three-wire thermostats also features a LED that confirms at-a-glance that the relay is ON
  - RT850 solid state relay for baseboard, convectors, radiant ceilings and duct heaters provides better temperature control when used with fast cycling low voltage thermostats

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
24 Vac	DPST N.O.	<b>R8228D1018</b>	5.5	A	1 7/8 x 2 5/32 x 2 3/8	Q	
	DPDT (1 P & 1 P Duty)	<b>R8222V1003</b>					
	DPDT — Pilot Duty	<b>R8222N1011</b>					Pilot duty
	DPDT	<b>R8222D1014</b>					
	DPDT	<b>ST82D1004</b>					80 sec shut off delay
120 Vac	SPDT	<b>R8222B1067</b>	12	A	2 7/32 x 2 1/16 x 2 9/16	Q	
	DPDT — Pilot Duty	<b>R4222N1002</b>					
	DPDT	<b>R4222D1013</b>					
208/240 Vac	SPDT	<b>R4222B1082</b>			1 7/8 x 2 5/32 x 2 3/8		
24 Vac	DPDT	<b>R4222D1021</b>	14	B	2 11/16 x 2 1/2 x 3 7/16	L	
120 Vac	SPDT	<b>R8225A1017</b>					
24 Vac	DPST N.O.	<b>R8225D1003</b>					
120 Vac	SPDT, 1 N.O., 1 N.C.	<b>R4225A1008</b>	18	A	1 7/8 x 2 5/32 x 2 3/8	Q	
24 Vac	SPDT	<b>R8228B1012</b>					
Electric Heat Relays							
24 Vac	DPST	<b>R8229A1005</b> <b>R8229A1021</b>	7	B	2 3/16 x 2 3/32 x 2 1/4	CHS	Extra mounting hardware
24 Vac	SPST	<b>R841D1036</b>	14	A	3 7/8 x 2 13/16 x 1 1/2	L	18 A resistive @ 120/208/240 Vac; Requires transformer; Canada — replaces R841D1028
208/240 Vac		<b>R841C1169</b>					18 A resistive @ 120/208/240 Vac; Integral transformer; Canada — replaces R841C1029
240 Vac		<b>R841E1068</b>					22 A resistive @ 120/208/240 Vac; Dual load/integral transformer
347 Vac		<b>R841C1144</b>					18 A resistive @ 120/208/240 Vac; Integral transformer; Canada
600 Vac		<b>R841C1151</b>					
Electric Furnace Sequencer							
24 Vac		<b>R8330D1039</b>	7.2	B	3 1/16 x 4 13/16 x 2 11/32	T	
Electric Heat Contactor							
24 Vac	DPST	<b>R8246A1038</b>	30		2 3/16 x 2 1/4 x 3 5/16	Q, S	
Aube Electric Heat Relays (CANADA ONLY)							
24 Vac	SPST	<b>RC840</b>	16 @ 120 Vac 13 @ 208 Vac 12 @ 240 Vac	B	2 45/64 x 3 11/32 x 1 27/64	L	22 A Resistive @ 120/208/240 Vac 19 A Resistive @ 277 Vac 18 A Resistive @ 347 Vac Requires transformer
		<b>RC840T-240</b>	13 @ 208 Vac 12 @ 240 Vac				22 A Resistive @ 208/240 Vac: Integrated transformer
		<b>RC840T-347</b>					18 A Resistive @ 347 Vac: Integrated transformer
24 Vac 4-32 Vdc	SPST (Solid state relay)	<b>RT850</b>	N/A	B	4 13/64 x 4 11/64 x 1 57/64	L	23 A Resistive @ 120/208/277/347 Vac Guaranteed OFF signal: 5 Vac, 2 Vdc
24 Vac		<b>RT850T-240</b>					23 A Resistive @ 208/240 Vac: Integrated transformer Guaranteed OFF signal: 5 Vac
		<b>RT850T-347</b>					23 A @ 347 Vac: Integrated transformer Guaranteed OFF signal: 5 Vac

### Automation and Control Solutions

In the U.S.:

Honeywell

1985 Douglas Drive North

Golden Valley, MN 55422-3992

In Canada:

Honeywell Limited

35 Dynamic Drive

Toronto, Ontario M1V 4Z9

www.honeywell.com

Frequency:	A — 60 Hz/50 Hz; B — 60 Hz, 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

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