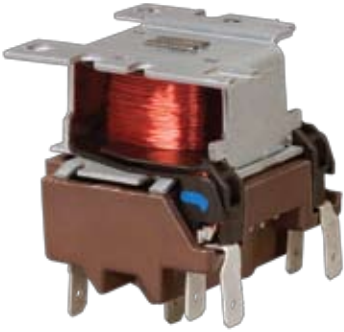


Honeywell offers a complete range of relays for all your residential HVAC applications that are sure to win the race. All relays products are designed to exceed safety and industry life cycle standards. In order to meet these criteria, a statistically significant sample of relays are tested to failure 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.	R8228D1018	5.5	A	1 7/8 x 2 5/32 x 2 3/8	Q	
	DPDT (1 P & 1 P Duty)	R8222V1003					
	DPDT — Pilot Duty	R8222N1011	Pilot duty				
	DPDT	R8222D1014					
	DPDT	ST82D1004					
120 Vac	SPDT	R8222B1067	12	A	2 7/32 x 2 1/16 x 2 9/16	Q	80 sec shut off delay
	DPDT — Pilot Duty	R4222N1002					
	DPDT	R4222D1013					
208/240 Vac	SPDT	R4222B1082	14	B	2 11/16 x 2 1/2 x 3 7/16	L	
	DPDT	R4222D1021					
24 Vac	DPST N.O.	R8225D1003	14	B	2 11/16 x 2 1/2 x 3 7/16	L	
120 Vac	SPDT, 1 N.O., 1 N.C.	R4225A1008					
24 Vac	SPDT	R8228B1012					18
Electric Heat Relays							
24 Vac	DPST	R8229A1005 R8229A1021	7	B	2 3/16 x 2 3/32 x 2 1/4	CHS	
24 Vac	SPST	R841D1036	14	A	3 7/8 x 2 13/16 x 1 1/2	L	Extra mounting hardware
208/240 Vac		R841C1169					18 A resistive @ 120/208/240 Vac; Requires transformer; Canada — replaces R841D1028
240 Vac		R841E1068					18 A resistive @ 120/208/240 Vac; Integral transformer; Canada — replaces R841C1029
347 Vac		R841C1144					22 A resistive @120/208/240 Vac; Dual load/integral transformer
600 Vac		R841C1151					18 A resistive @120/208/240 Vac; Integral transformer; Canada
Electric Furnace Sequencer							
24 Vac		R8330D1039	7.2	B	3 1/16 x 4 13/16 x 2 11/32	T	
Electric Heat Contactor							
24 Vac	DPST	R8246A1038	30		2 3/16 x 2 1/4 x 3 5/16	Q, S	
Aube Electric Heat Relays (CANADA ONLY)							
24 Vac	SPST	RC840	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
		RC840T-240	13 @ 208 Vac 12 @ 240 Vac				22 A Resistive @ 208/240 Vac: Integrated transformer
		RC840T-347					18 A Resistive @ 347 Vac: Integrated transformer
24 Vac 4-32 Vdc	SPST (Solid state relay)	RT850	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		RT850T-240					23 A Resistive @ 208/240 Vac: Integrated transformer Guaranteed OFF signal: 5 Vac
		RT850T-347					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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