

## Totally Enclosed Relay - 2 Pole HVAC Switching Relays



25-90340  
Illustrated

### Features

- Intended for many applications in air conditioning, refrigeration, heating and general purpose switching.
- Replaces Honeywell, White-Rodgers/RBM & Mars (cross reference in packaging)
- Semi-enclosed compact design.
- Quiet & reliable operations.
- Universal mounting bracket
- Molded terminal numbers and circuit diagram on top of relay.
- Dimensions 2.13" x 1.88" x 2.25".
- UL & cUR (file E44211).
- 2 Pole DT mode

### Specifications

- Temperature Range: -40°C (-40°F) to 54°C (130°F).
- Mechanical Life: 750,000 operations.
- Electrical Life: 100,000 operations.
- Coil Frequency: 50/60 Hz.
- Coil Insulation: Class B.
- Coil Duty Cycle: Continuous.
- Terminals: ¼" quick-connects.
- Contact Material: Silver cadmium oxide.
- Enclosure: Phenolic.

### Contact Rating

VAC	Amps General Use	HP	LRA	FLA
125V	15	3/4	82.8	13.8
208V			45.6	7.6
250V			41.4	6.9
277V		-	36.0	6.0

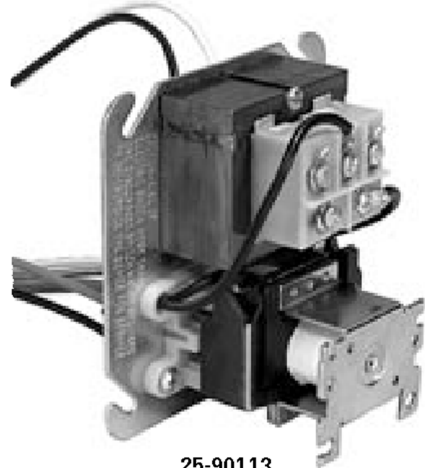
### Heavy Duty Relays

Coil Voltage	DPDT Part #	Terminals 1,2,3.	Terminals 4,5,6.	Weight	Cross Reference		
					WR/RBM	Honeywell	Mars
24	25-90340	Power	Power	170.1 g (6 oz.) (Approx)	90-340	R4222B1082	90340
120	25-90341				90-341	R4222B1090	90341
240	25-90342				90-342	R4222D1013	90342

### Coil Data

Coil Voltage	Coil Resistance DC OHMS ±10%	Inrush VA Max.	Nominal Current MA	Nominal VA Sealed Max.
24	15	21.5	334	8
120	400		66	
240	1415		38	

## Fan Control Centre



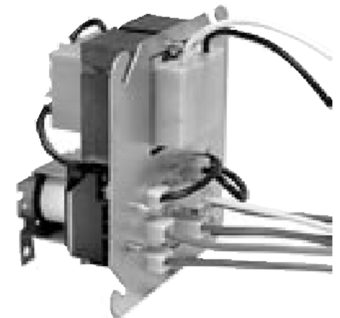
25-90113  
Illustrated

### Relay/Transformer Fan Centre Assembly

Fan centre controls provide convenient low voltage control of one and two speed fan motors and auxiliary circuits in heating, cooling or heating/cooling applications. Each fan centre control is a reliable, compact unit consisting of a 24 volt control transformer and a plug-in switching relay mounted on a 4" square electrical junction box cover. All line voltage connections are made inside the box with colour coded pre-stripped leads. Low voltage connections are made at a convenient terminal board mounted to the transformer.

### Features

- DPDT or SPDT relay.
- 24V coil voltage, power and duty rated contacts.
- Colour coded pre-stripped leads.
- Low voltage terminal board.
- Input Voltage 120V or 208/240V, Output Voltage - 24V, 40 VA.
- Mounts directly to 4" electrical box.
- UL/CUR File E237660.



### Fan Control Centre

Part #	Transformer				Full Relay	Relay Contact Ratings				Resistive	Cross Reference
	Primary		Secondary			120 VAC (amps)		240 VAC (amps)			
	Voltage	Connection	Voltage	Connection		LRA	FLA	LRA	FLA		
25-90113	120	Colour coded pre-stripped leads.	24 V	Terminal board with 5 screw terminals.	DPDT	13.8	82.8	6.9	39.6	15 Amps @ 277 VAC.	Honeywell: R8285 Series. Mars: 90113. White Rodgers: 8A05A-101.