

## R8239 Control Center



Include NEMA standard transformer for excellent voltage control. Provide low voltage control of line voltage fan motors and auxiliary circuits in heating, cooling or heating-cooling circuits.

- NEMA standard Type D transformer (included) powers low voltage control systems.
- Provide overload protection for transformer.
- Convenient connections for thermostat, and heating-cooling equipment wiring.
- Mount on standard 4 x 4 junction box.
- Can be mounted in any indoor location without additional enclosure.
- Relay is easily replaced without disturbing wiring.
- Include relay enclosures.

**Dimensions, Approximate:** 4 1/2 in. high, 4 3/16 in. wide, 3 3/32 in. deep (114 mm high, 106 mm wide, 79 mm deep)

**Electrical Ratings (W):** 12 W maximum

**Coil Ratings (inrush):** 20 VA maximum, 17 VA nominal.

**Coil Ratings (sealed):** 10 VA maximum, 9 VA nominal

**Approvals:**

**Canadian Standards Association:** Certified

**NEMA Standard:** NEMA Standard DC20-1992

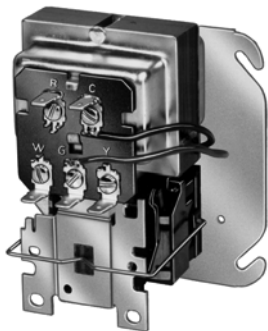
**Underwriters Laboratories Inc.** UL Listed

Product Number	Electrical Ratings			
	(120 Vac, Full Load)	(120 Vac, Locked Rotor)	(240 Vac, Full Load)	(240 Vac, Locked Rotor)
R8239A1052	12 A	72 A	6.9 A	41.4 A
R8239B1076	12 A	72 A	6.9 A	41.4 A

Product Number	Application	Frequency	Horsepower	Voltage	Power Supply (Vac)	Power Supply (Secondary)	Switching Action	Includes
* R8239A1052	For single-or two speed fan.	50Hz; 60 Hz	3/4 HP	120 Vac	40 VA	26.5 V	SPDT	R8222B
• R8239B1076	For system with F50 Electronic Air Cleaner humidifier and blower motor.	50Hz; 60 Hz	3/4 HP	208 Vac; 240 Vac; 120 Vac	50 VA	26.5 V	DPDT	R8222D

\* TRADELINE models • SUPER TRADELINE models

## R8285 Control Center



Provides low voltage control of line voltage fan motors and auxiliary circuits in heating, cooling, or air conditioning systems.

- Transformer powers low voltage control systems and provides overload protection.
- Low voltage terminal board provides convenient connections for thermostat and heating/cooling equipment wiring.
- Mounts on standard 4 x 4 in. junction box.
- Relay is easily replaced without disturbing wiring.

**Dimensions, Approximate:** 4 3/16 in. high, 4 1/2 in. wide, 2 13/16 in. deep. (106 mm high, 114 mm wide, 71 mm deep)

**Electrical Ratings (W):** 11 W maximum

**Canadian Standards Association:** Certified: File No. LR95329-17  
**Underwriters Laboratories Inc.** UL Component Recognized; File No. E4436, Vol.15, Sec.1, Guide No.XAPX2

**Approvals:**

Product Number	Electrical Ratings			
	(120 Vac, Full Load)	(120 Vac, Locked Rotor)	(240 Vac, Full Load)	(240 Vac, Locked Rotor)
R8285A1048	12 A	72 A	6 A	35 A
R8285B1053	12 A	72 A	6 A	35 A
R8285D5001	12 A	72 A	6 A	35 A

# Fan Center Selection Guide

	Product Number	Application	Frequency	Horsepower	Voltage	Power Supply (Vac)	Power Supply (Secondary)	Switching Action	Includes
*	<b>R8285A1048</b>	For single-or two speed fan.	60 Hz	3/4 HP	120 Vac	40 VA	26.5 V	SPDT	R8222B
*	<b>R8285B1053</b>	For "Total Comfort" applications with electronic air cleaner, humidifier and blower motor.	60 Hz	3/4 HP	208 Vac; 240 Vac; 120 Vac	40 VA	26.5 V	DPDT	R8222D
	<b>R8285D5001</b>	For Hydronic Applications; use with SV9600 SmartValve™ System and other systems that require 50 VA capacity.	60 Hz	3/4 HP	120 Vac	50 VA	26.5 V	DPST (One Power Rated, One Pilot Duty)	R8222U

\* TRADELINE models • SUPER TRADELINE models

# Fan Center Selection Guide

Fan Centers									
Electrical Ratings- VA	Electrical Ratings - Input Voltage	Switching	Product Number	NEMA	Dimensions (in.) H x W X D	Main Connections	Secondary Connections	Frequency	Special Features
40VA	120 Vac	DPDT	R8239B1043	Yes	4 1/2 x 4 3/16 x 3 3/32	L	L	A	Super Tradeline
		DPST	R8239D1007	Yes	4 1/2 x 4 3/16 x 3 3/32	L	L	A	—
		DPST (1 Power, 1 Pilot)	R8239D1015	Yes	4 1/2 x 4 3/16 x 3 3/32	L	L	A	Tradeline
		SPDT	R8239A1052	Yes	4 1/2 x 4 3/16 x 3 3/32	L	L	A	Tradeline
	240 Vac 208 Vac	SPDT	R8239A1003	Yes	4 1/2 x 4 3/16 x 3 3/32	L	L	A	—
50VA	120 Vac 240 Vac 208 Vac	DPDT	R8239B1076	Yes	4 1/2 x 4 3/16 x 3 3/32	L	L	A	Super Tradeline
40VA	120 Vac	SPDT	R8285A1048	No	4 3/16 x 4 1/2 x 2 13/16	L	L	B	Tradeline
	120 Vac 240 Vac 208 Vac	DPDT	R8285B1053	No	4 3/16 x 4 1/2 x 2 13/16	L	L	B	Tradeline
50VA	120 Vac	SPDT	R8285A1006	No	4 3/16 x 4 1/2 x 2 13/16	L	L	B	—
		DPDT	R8285D5001	No	4 3/16 x 4 1/2 x 2 13/16	L	L	B	—
Frequency:	A - 60Hz/50Hz; B - 60Hz								
Approvals:	UL, CSA								
Temp Rating:	-20 F to +105 F								
Connectors:	L - Leadwires								
Mounting:	Standard 4 x 4 in. junction box								
Super Tradeline models include extra hardware.									