

# Fan Centers

## R8239 Control Center



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

**Frequency:** 50 Hz; 60 Hz

**Electrical Ratings:** 12 W maximum

**Coil Ratings:** Inrush – 20 VA maximum, 17 VA nominal.; Sealed – 10 VA maximum, 9 VA nominal

**Includes NEMA standard transformer for excellent voltage control. Provides low voltage control of line voltage fan motors and auxiliary circuits in heating, cooling, and heating-cooling circuits.**

- NEMA standard Type D transformer (included) powers 24 Vac control systems.
- Provides overload protection for transformer.
- Convenient connections for thermostat and heating and cooling equipment wiring.
- Mounts on standard 4 x 4 junction box.
- Can be mounted in any indoor location without additional enclosure.
- Relay is easily replaced without disturbing wiring.
- Includes relay enclosure.

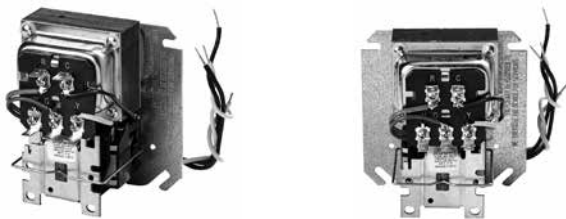
**Approvals, NEMA Standard:** NEMA Standard DC20-1992

**Approvals, Underwriters Laboratories Inc.:** UL Listed

**Approvals, CSA:** Certified

Material Number	Applications	Horsepower	Voltage	Supply Voltage	Tradeline Value	Switching Action	Includes
R8239A1052/U	For 24 Vac fan control applications	3/4 HP	120 Vac	40 VA; 26.5 V - Secondary		SPDT	R8222B
R8239B1076/U	For system with F50 Electronic Air Cleaner humidifier and blower motor.	3/4 HP	120 Vac; 208 Vac; 240 Vac	50 VA; 26.5 V - Secondary	Super Tradeline	DPDT	R8222D

## R8285 Control Center



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

**Frequency:** 60 Hz

**Electrical Ratings:** 11 W maximum

**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 and cooling equipment wiring.
- Mounts on standard 4 x 4 in. junction box.
- Relay is easily replaced without disturbing wiring.

**Approvals, Underwriters Laboratories Inc.:** UL Component

Recognized; File No. E4436, Vol.15, Sec. 1, Guide No. XAPX2

**Approvals, CSA:** Certified: File No. LR95329-17

Material Number	Applications	Horsepower	Voltage	Supply Voltage	Tradeline Value	Switching Action	Comments	Includes
R8285A1048/U	For single- or two speed fan.	3/4 HP	120 Vac	40 VA; 26.5 V - Secondary	Tradeline	SPDT		R8222B
R8285B1053/U	For "Total Comfort" applications with electronic air cleaner, humidifier and blower motor.	3/4 HP	120 Vac; 208 Vac; 240 Vac	40 VA; 26.5 V - Secondary	Tradeline	DPDT		R8222D
R8285D5001/U	For 24 Vac fan control applications	3/4 HP	120 Vac	50 VA; 26.5 V - Secondary		DPST (One Power Rated, One Pilot Duty)	For Hydronic Applications; use with SV9600 SmartValve™ System and other systems that require 50 VA capacity	R8222U

## 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	SPDT	R8239A1052/U	Yes	4 1/2 x 4 3/16 x 3 3/32	Leadwires	Leadwires	60Hz/50Hz	Tradeline
50VA	120 Vac  240 Vac  208 Vac	DPDT	R8239B1076/U	Yes	4 1/2 x 4 3/16 x 3 3/32	Leadwires	Leadwires	60Hz/50Hz	Super Tradeline
40VA	120 Vac	SPDT	R8285A1048/U	No	4 3/16 x 4 1/2 x 2 13/16	Leadwires	Leadwires	60Hz/50Hz	Tradeline
	120 Vac  240 Vac  208 Vac	DPDT	R8285B1053/U	No	4 3/16 x 4 1/2 x 2 13/16	Leadwires	Leadwires	60Hz/50Hz	Tradeline
50VA	120 Vac	DPDT	R8285D5001/U	No	4 3/16 x 4 1/2 x 2 13/16	Leadwires	Leadwires	60Hz/50Hz	—

**Approvals:** UL, CSA

**Temp Rating:** -20°F to +105°F

**Mounting:** Standard 4 X 4 in. junction box  
SuperTradeline models include extra hardware.