

FSY SERIES ELECTRIC FAN SPEED CONTROL



FSY-43S 0097782

The FSY Fan Speed Control controls the head pressure in air - cooled condensers and is designed for use with permanent split capacitor and shaded pole fan motors.

FEATURES

- Connector includes 2 m. cable installed (FSF and FSO)
- Connector turnable (in 90° steps)
- Compact design
- State-of-the-art electronics
- Direct mount - Easily retrofit to suitable motor
- Low pressure turn off operation
- Adjustable pressure setting
- Multiple FSX controls can be used in parallel on multi - circuit condensers
- 2 Cable types: FSF-N15 with internal circuit design to comply with EC-Directive 89/336/EC (Electromagnetic compatibility requirements for Europe FSO-N15, standard with internal voltage spike and over current protection

SPECIFICATIONS

Nominal current0.1 to 4 A max up to 104°F (40°C) + 0.1 to 2.5 A max up to 140°F (60°C)
 Starting Current Max 8 Amp
 Temperature Range..... Storage and transportation 30°C to 70°C
 Ambient temperature -20°C to 55°C,
Medium temperature -20°C to 70°C
 Supply Voltage 230 VAC + 15-20%
 Enclosure Provide enclosure to protect from direct rain,
 sunlight and external damage
 Weight3.5 ounces
 Approvals..... UL/CUL file number E183816 CE low voltage
 directive 72/23/EC connector per DIN 43650

MODEL NUMBER NOMENCLATURE - Example: FSY-43S 0097782

SERIES	CUT OFF MODE	MAX CURRENT RATING	PRESSURE RANGE	PRESSURE CONNECTION	UNIQUE IDENTIFIER
FS	Y	-4	3	S	0097782
Fan Speed Control	Y = 0, 1A min	4 = 4 Amps maximum at 104°F ambient temp.	3 = 12.4 to 28.4 (128- to 411 psig), modulating band 66 psig, factory setting 16.1 bar (233 psig)	S = 1/4" SAE female (7/16" -20 UNF) with Schrader Depressor	

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CURRENT RATING	ADJUSTABLE RANGE (PSIG)	MODULATING BAND (PSIG)	FACTORY SETTING (PSIG)	PRESSURE CONNECTION	VOLTAGE	MODEL NUMBER	ITEM NUMBER
4 (4 Amps Maximum at 104°F Ambient Operating Temperature)	180 to 411	66	233	S = (1/4" SAE Female, 7/16" -20 UNF with Schrader Depressor)	230 VAC + 15-20%	FSY-43S 0097782	097782

FSY SERIES PARTS LIST

DESCRIPTION	MODEL NUMBER	ITEM NUMBER
FSY Temperature Pressure Control DIN Connector (EMC)	FSF-N15 804640	097995
FSO Temperature Pressure Control DIN Connector(Standard)	FSO-N15 804630	097775