

P643A Pressuretrol™ Controller

SPECIFICATION DATA



FEATURES

- Adjustable setpoint
- Adjustable differential
- Heavy duty switch
- Integral gage connection

GENERAL

The P643A is used for Pneumatic-Electric relay applications in HVAC systems.



DESCRIPTION

The P643A is used for Pneumatic-Electric relay applications in HVAC systems.

Mounting:
Holes in back of case

SPECIFICATIONS

Model:
P643A

Setpoint Range:
0 to 22.5 psi (0 to 155 kPa)

Switching:
Spdt
Makes R to W on pressure rise
Makes R to B on pressure fall

Differential:
Adjustable, 3 to 13 psi (20 to 90 kPa)

Maximum Safe Air Pressure:
25 psi (175 kPa)

Adjustment Means:
Thumbwheels under cover

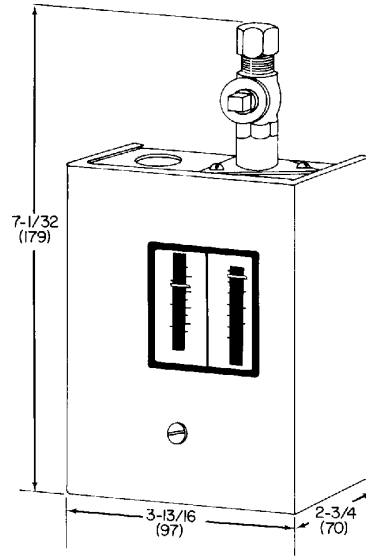
Electrical Ratings (Amperes):

	120 Vac	208 Vac	240 Vac	277 Vac	480 Vac
Full Load	8.0	5.1	5.1	—	3.5
Locked Rotor	48.0	30.6	30.6	—	21.0
Resistance Load	17.0	17.0	17.0	17.0	10.0

125VA at 277 Vac pilot duty.

Air Connection:
Compression fitting for 1/4 in. O.D. tubing

Dimensions:



S77-9269-a

P643A Dimensions in Inches (Millimeters)

Finish:
Cover: gray enamel
Case: zinc plate

Ambient Temperature Limits:
-30 to 125F (-34 to 52C)

Approvals:
UL and C. S. A. listed

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