Electronic Temperature Control & Bulb Well Assembly (AC)

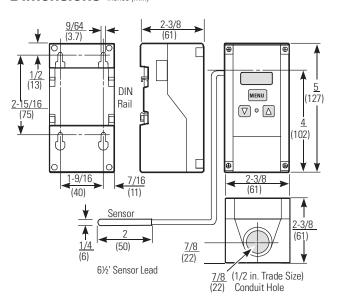
Part Number 86816

This is a line voltage single-stage electronic temperature control with single-pole, double-throw relay output and LED indication. It is designed with heating or cooling modes of operation, adjustable differential, and an interchangeable temperature sensor. The control couples electronic accuracy with remote sensing capability in a NEMA 1 high-impact plastic enclosure suitable for surface or DIN-rail mounting.

Pilot Duty Relay needed for 460V, not offered by Thermal Transfer Products.

67428 Temperature Control with NEMA 1 Enclosure

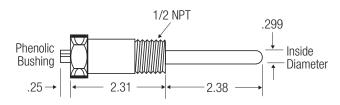
Dimensions Inches (mm)





67429 Bulb Well

Dimensions Inches



Specifications

Setpoint Range	-30°F to 212°F (-34°C to 100°C)			
Differential Range	1°F to 30°F (0.5°C to 17°C)			
Input Voltage	120 or 208/240 VAC, 50/60 HZ (1 Phase only)			
Current Draw	1.8 VA			
Relay Electrical Ratings	SPDT	120V NO (NC)	280V NO (NC)	240V NO (NC)
	Horsepower:	1 (0.25) HP	1 (0.33) HP	1 (0.5) HP
	Full Load Amps:	16 (5.8) A	9.2 (4.0) A	8.0 (4.9) A
	Locked Rotor Amps:	96 (3) A	55 (24) A	48 (29) A
	Non-Inductive Amps:	15 (10) A	10 (10) A	10 (10) A
	Pilot Duty: 125 VA (NO) @ 24-240 VAC, 125 VA (NC) @ 120-240 VAC, 50 VA (NC) @ 24 VAC			
Sensor Type	Replaceable Thermistor with Reference Resistance of 2.25 K ohms at 77°F (25°C)			
Control Ambient	Operating: -30°F to 140°F (-34°C to 60°C)			
Temperature	Shipping: -40°F to 185°F (-40°C to 85°C)			
Ambient Humidity	0 to 95% RH Non-Condensing, Maximum Dew Point: 85°F (29°C)			
Control Material	Case and Cover: NEMA 1 High Impact Lexan 950® Plastic.			
Agency Listings	UL Listed: File E27734, Guide XAPX (Temperature Indicating and Regulating Equipment) CSA Approved File LR948 Class 4813-02			

Lexan 950 is a registered trademark of the General Electric Company. The performance specifications are nominal.