TS1 Series Single Control

Temperature Pressure Controls

The TS1 series adjustable thermostats are designed for application in refrigeration and heat pump systems. In these systems, thermostats serve control and monitoring functions, such as space temperature control, high/low temperature alarming or defrost termination. By operating a set of electrical contacts, a temperature value is kept inside a certain limit.

Features

- · Adjustable temperature and differentials
- Range and differential individually lockable by wire seal
- · Captive terminal and cover screws
- Manual toggle for system checkout and override
- · Bellows heater for thermostats with vapour charge
- Standard accessories include mounting brackets and knob with lockplate on all individually packed controls
- · Non-ambient sensitive
- Heavy-duty SPDT switch allows handling of most loads directly without the use of relays



Specifications

- Ambient temperature ranges -50°C to +70°C (-58°F to +158°F)
- SPDT switch rated for 120 VAC/240VAC at 24FLA and 144 LRA
- Agency approvals include: UL/CUL file number E85974, VDE 0631/0660, TÜV, CE 73/23/EWG, CE 93/68/EWG

Options

- Vapor charges
- · Factory set to customer specification
- Different types of mounting brackets
- Sensor bulb wells and capillary tube holders
- Special approvals
- · Range and differential pointer in units °C and °F

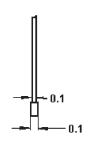
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TS1	В	1	E				
Product Name	Housing Variant/function	Temperature Range	Sensor Type				
TS1 = Adjustable thermostat TSA = Customer specials	C = Frost monitor, auto reset D = Frost monitor, manual reset	0 = +40 to +68°F (+4.5 to +20°C)	P = Vapor Charge, 6m. capilary				
		NOTES					
		Temp ranges 0-4:					
		manual reset for falling temperature					

Nomenclature example: TS1 B1E

Ordering Information

		Adjustment Range		E (0 //:	Temperature Sensor			
Type PCN	PCN	Upper Setpoint	Different Setpoint	Factory Setting °F (°C)	Charge	Туре		
		°F (°C)	°F (°K)					
	Freeze-Stat, Top Operated Without Off-Switch (Capillary Type Sensor)							
TS1-C0P	097882	40 то 68 (+4.5+20)	5 (3) fix	40/36 (4.5/+2)	VAPOR	20 FT. (6 m.) capillary		
TS1-D0P	097885	40 to 68 (+4.5+20)	man. reset ca. 5 (3) fix	36 (+2)	VAPOR	20 FT. (6 m.) capillary		

Dimensional Diagrams (in)



Sensor type P Vapor charge 2m (6.56 ft)

