Regulate a compressor, defroster and fan in refrigeration systems using the Series TST Digital Temperature Switch. The unit features dual probe input, three SPST relays, alarm output, and digital input. The digital input can be configured to control fan and compressor activity or defrost synchronization.

The Series TST offers 48 programmable parameters to optimize system performance. Parameters are password protected for security. The user can define set point, regulation times, fan operation, alarms, compression cycling, drip time, and many more. The unit offers short cycling protection to avoid hard starts, overload voltages, and unnecessary equipment wear.

Dual probe input permits defrost termination by temperature. The ambient and defrosting probe temperature can be viewed on the 3-digit display. Relay, fan or defrost status is indicated by LEDs on the front of the unit. The Series TST includes two probes, mounting clip, gasket, rear terminal cover, and instruction manual.

ACCESSORIES
TS-5-Probe PVC, 5 ft (1.5 m) cable
TS-51-Probe PVC, 10 ft (3 m) cable
TS-6-Probe metal, 5 ft (1.5 m) cable
TS-61-Probe metal, 10 ft (3 m) cable

SPECIFICATIONS
Probe Range: -58 to 302°F (-50 to 150°C).
Input: Two 1.5-inch (4 cm) thermistor (1000Ω @ 25°C) with 5-ft (1.5 m) cable.
Output: Three 8 amp SPST relays @ 250 VAC, resistive; alarm 20mA @ 12 VDC.
Horsepower Rating (HP): 1/3 HP for 8 amp.
Control Type: On/Off.
Power Requirements: 8-15 VAC/DC.
Accuracy: ±0.5% of probe ranges.
Display: 3-Digit, red, 1/2” digits.
Resolution: 0.1° (<100°); 1° (≥100°).
Memory Backup: Nonvolatile memory.
Ambient Operating Temperature: 32 to 158°F (0 to 70°C).
Storage Temperature: -4 to 176°F (-20 to 80°C).
Weight: 6.2 oz.
Front Panel Protection: IP64.
Agency Approvals: CE, UR, UR C.

MODELS

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<td>Dual Probe Input, Triple Relay Output and Alarm (12 VAC, °F)</td>
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<td>TST-1110</td>
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