

Digital Temperature Switch

Dual Probe Input, Three, 8 amp Relay Output, Alarm



The **TST Digital Temperature Switch** is designed to control cold regulation, defrost cycles and evaporator ventilation. The unit features dual probe input, configurable digital input, 3-8 amp relays and alarm output. The user is able to program 49 different parameters including set point, differential, cycle time, ambient probe adjustment, alarm and digital input using the tactile front keypad. All parameters are protected with password protection. The TST includes two thermistor probes with 5 ft (1.5 m) cable, fitting clips for panel mounting, and instruction manual.

SPECIFICATIONS

Probe range: -58 to 302°F (-50 to 150°C).

Input: Two 1.5-inch (4 cm) thermistor (1000Ω @ 25°C) with 5-foot (1.5 m) cable.

Accuracy: ±0.5% of ranges.

Resolution: 0.1°.

Output: Three 8 amp SPST relays @ 250 VAC, resistive; alarm 20mA @ 12 VDC.

Horsepower Rating (HP): 1/3HP for 8 amp. Supply Voltage: 8-15 V AC/DC.

Ambient Temp: 32 to 158°F (0 to 70°C).

Storage Temperature:

-4 to 176°F (-20 to 80°C).

Front Panel Protection: NEMA4 (IP65).

Display: 3-Digit, Red.

STOCKED MODELS

Model Number	Description	Price
155-TST-0110	Temperature Switch (°F)	
155-TST-1110	Temperature Switch (°C)	