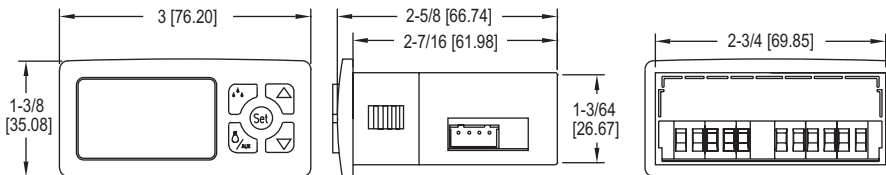


DIGITAL REFRIGERATION TEMPERATURE SWITCH

Intelligent Defrost, HACCP Alarm Logging



The **Series TSX3 Digital Refrigeration Temperature Switch** was designed to control the compressor, fan, and defrost in refrigeration applications.

FEATURES/BENEFITS

- Field selectable °F or °C
- Real time clock
- HACCP alarm logging
- Configuration key
- 2 or 3 output models for complete refrigerator control
- 2 temperature sensor and 1 digital contact inputs

APPLICATIONS

- Refrigerators

MODEL CHART			
Model	Supply Power	# of Outputs	Display Color
TSX3-520122	115 VAC	2	Blue
TSX3-520222	230 VAC	2	Blue
TSX3-520322	12 VAC/VDC	2	Blue
TSX3-520422	24 VAC/VDC	2	Blue
TSX3-520132	115 VAC	3	Blue
TSX3-520232	230 VAC	3	Blue
TSX3-520332	12 VAC/VDC	3	Blue
TSX3-520432	24 VAC/VDC	3	Blue

SPECIFICATIONS

Probe Range: PTC: -58 to 302°F (-50 to 150°C); NTC: -58 to 230°F (-50 to 110°C).

Input: PTC (1000Ω @ 25°C); NTC (10K Ω @ 25°C); Digital input contact.

Output: All models SPST NO relay resistive load 16 A, inductive load 5 A, 10 FLA, 60 LRA @ 240 VAC; dual output models also include 8 A resistive, 3 A inductive SPDT @ 240 VAC; three output models also include 8 A resistive SPST NO @ 240 VAC, 5 A resistive SPST NO @ 240 VAC.

Horsepower Rating: 1HP @ 240 VAC.

Control Type: On/off.

Power Requirement: 115 VAC, 230 VAC, 12 VAC/VDC, 24 VAC/DC (±10%) depending on model.

Power Consumption: 3.6 VA (115/230/24 V), 1.5 VA (12 V).

Accuracy: ±1% FS.

Display: 3 digits plus sign.

Resolution: 0.1°.

Memory Backup: Non-volatile memory.

Ambient Temperature: 32 to 131°F (0 to 55°C).

Weight: 2.3 oz (65 g).

Front Panel Rating: IP65 (NEMA 4X).

Agency Approvals: CE, cURus.

ACCESSORIES

See page reference 1 below.

1 Digital Temperature Switch Probes and Accessories: See page 144 (Series TS-Probes)