SERIES TSX3
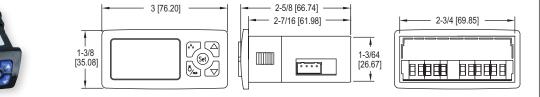# DIGITAL REFRIGERATION TEMPERATURE SWITCH
Intelligent Defrost, HACCP Alarm Logging

The **SERIES TSX3** Digital 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 ❶ below.

❶Digital Temperature Switch Probes and Accessories: See page 138 (Series TS-Probes)