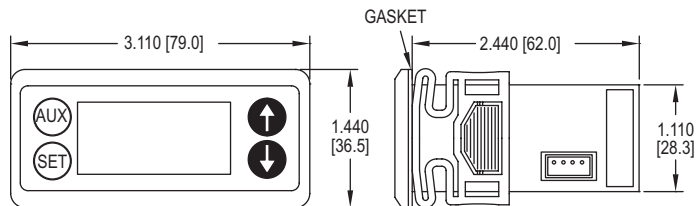## SERIES TSXT
DIGITAL TEMPERATURE SWITCH
Refrigeration Control, Up To 3 Probe Inputs and 3 Relay Outputs

Panel cutout 2-51/64˝ x 1-9/64˝ (71 x 29 mm)

The **Series TSXT Digital Temperature Switch** is designed for refrigeration control. It accepts PTC or NTC temperature probe types and can control the compressor, defrost, fan, alarm, and light in a refrigeration system. Master/slave configurations allow synchronization of defrost cycles between different units. Programming is performed through the front keypad, or by using the TS2-K programming key.

FEATURES/BENEFITS
• Models available with 1, 2, or 3 relay outputs
• 3 temperature inputs and one digital input for complete refrigeration control
• Configuration key available for programing multiple units
• Capacitive buttons offer clean panel face design

APPLICATIONS
• Refrigerated cabinets
• Walk in coolers
• Applications requiring defrost cycles

SPECIFICATIONS	
Probe Range: PTC: -58 to 302°F (-50 to 150°C); NTC: -58 to 230°F (-50 to 110°C). **Input:** PTC (1000 Ω @ 25°C) or NTC (10 KΩ @ 25°C) thermistor. **Output:** Relay 1: SPST relay rated 16 A @ 240 VAC resistive, 10 FLA, 60 LRA; Relay 2: SPST relay rated 5 A @ 240 VAC resistive; Relay 3: SPST relay rated 8 A @ 240 VAC resistive. **Horsepower Rating (HP):** 1 HP (Relay 1). **Control Type:** On/off with defrost options. **Power Requirements:** 115 VAC, 230 VAC, 24 VAC/VDC, or 12 VAC/VDC.	**Power Consumption:** 3.6 VA @ 115/230 VAC; 1.5 VA @ 12/24 VAC/VDC. **Accuracy:** ±1% FS. **Display:** 3-digit, plus sign. **Resolution:** 0.1°. **Memory Backup:** Nonvolatile memory. **Ambient Operating Temperature:** 32 to 131°F (0 to 55°C). **Storage Temperature:** -4 to 176°F (-20 to 80°C). **Weight:** 115 and 230 V models: 7.2 oz (204 g); 12 and 24 V models: 4.8 oz (136 g). **Front Panel Rating:** IP65. **Agency Approvals:** CE, cURus.

ACCESSORIES
See page reference ❶ below.

MODEL CHART

Model	Supply Power	Outputs	Model	Supply Power	Outputs
TSXT-211	115 VAC	1	**TSXT-232**	12 VAC/VDC	2
TSXT-221	230 VAC	1	**TSXT-242**	24 VAC/VDC	2
TSXT-231	12 VAC/VDC	1	**TSXT-213**	115 VAC	3
TSXT-241	24 VAC/VDC	1	**TSXT-223**	230 VAC	3
TSXT-212	115 VAC	2	**TSXT-233**	12 VAC/VDC	3
TSXT-222	230 VAC	2	**TSXT-243**	24 VAC/VDC	3