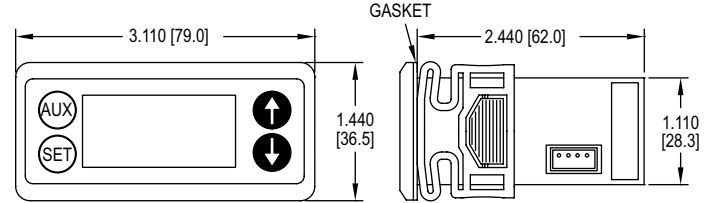**SERIES TSXT**

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.

BENEFITS/FEATURES
• 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

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

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.
Compliance: CE, cURus.

ACCESSORIES

See page reference ❶ below.

❶Digital Temperature Switch Probes and Accessories: See page 129 (Series TS-Probes)