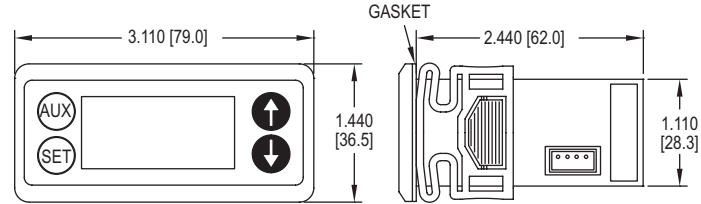


Dwyer
SERIES TST



DIGITAL TEMPERATURE SWITCH

Heating and Cooling Control, 16 Amp Rating



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

The **Series TST Digital Temperature Switch** is designed with many heating and cooling applications in mind. This low cost switch is simple to set up with one probe input and SPDT switch output. Programming performed using either the front keypad or through a TS2-K programming key.

FEATURES/BENEFITS

- Buzzer indicates probe/memory error or high/low temperature alarm conditions
- Capacitive buttons offer clean panel face design

APPLICATIONS

- Refrigeration
- Holding ovens
- Boilers
- Brewing systems

MODEL CHART	
Model	Supply Power
TST-011	115 VAC
TST-021	230 VAC
TST-031	12 VAC/VDC
TST-041	24 VAC/VDC

ACCESSORIES

See page reference ❶ below.

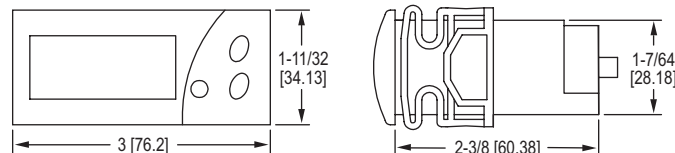
SPECIFICATIONS

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: SPDT relay rated 16 A @ 240 VAC resistive, 10 FLA, 60 LRA.
Horsepower Rating (HP): 1 HP.
Control Type: On/Off.
Power Requirements: 115 VAC, 230 VAC, 24 VAC/VDC, or 12 VAC/VDC.
Power Consumption: 4 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 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.



DIGITAL TEMPERATURE SWITCH

Easy Multi-Unit Programming, 16A SPDT Relay Output



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

The **Series TS2 Digital Temperature Switch** offers an easy to use OEM friendly solution to monitor and control temperature in heating or cooling applications.

FEATURES/BENEFITS

- Simple to use temperature control device
- Configuration key

APPLICATIONS

- Refrigerators
- Chillers
- Food service equipment
- Medical sterilizers or equipment

MODEL CHART		
Model	Supply Power	Unit
TS2-010	115 VAC	°F
TS2-011	115 VAC	°C
TS2-020	230 VAC	°F
TS2-030	12 VAC/VDC	°F
TS2-040	24 VAC/VDC	°F
TS2-041	24 VAC/VDC	°C

SPECIFICATIONS

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

Input: PTC (1000Ω @ 25°C).

Output: 16 A SPDT relay @ 250 VAC resistive, 5 A inductive.

Horsepower Rating (HP): 1 HP.

Control Type: On/off.

Power Requirements: 115 VAC, 230 VAC, 12 VAC/VDC or 24 VAC/VDC.

Accuracy: ±1% FS.

Display: 3-digit, red, 1/2" digits.

Resolution: 1°.

Memory Backup: Nonvolatile memory.

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

Storage Temperature: -4 to 176°F (-20 to 80°C).

Weight: 2.3 oz (65 g).

Front Panel Rating: IP64.

Agency Approvals: CE, cURus.

ACCESSORIES

See page reference 1 below.

