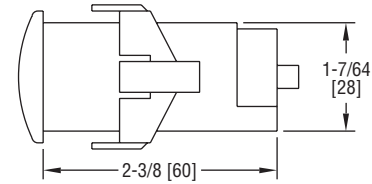
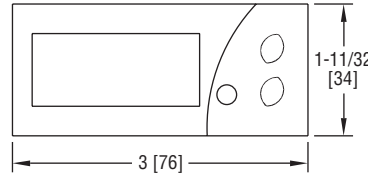


THERMOCOUPLE TEMPERATURE SWITCH

Heating and Cooling Control, 16 Amp Rating, Two Alarms



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

The **SERIES TCS** thermocouple Temperature Switch monitors and controls temperature while offering a wide temperature range, two selectable alarm sets, and an internal buzzer indicating alarm condition or error.

FEATURES/BENEFITS

- Heating or cooling modes
- Internal alarm buzzer
- Configuration key to quickly load parameters from one unit to another

APPLICATIONS

- Food service equipment
- Industrial process control

MODEL CHART

Model	Supply Power	Unit	Model	Supply Power	Unit
TCS-4010	115 VAC	°F	TCS-4030	12 VAC/VDC	°F
TCS-4011	115 VAC	°C	TCS-4031	12 VAC/VDC	°C
TCS-4020	230 VAC	°F	TCS-4040	24 VAC/VDC	°F
TCS-4021	230 VAC	°C			

SPECIFICATIONS

Probe Range: 32 to 999°F (0 to 700°C) for Type J thermocouple; 32 to 999°F (0 to 999°C) for Type K or S thermocouples.
Input: Type J, K or S thermocouple.
Output: SPDT relay rated 16 A @ 240 VAC resistive.
Horsepower Rating (HP): 1 HP.
Control Type: ON/OFF.
Power Requirements: 115 VAC, 230 VAC, 12 VAC/VDC or 24 VAC/VDC (depending on model).

Accuracy: ±1% FS.
Display: 3-digit, red, 1/2" (12.7 mm) digits, plus sign.
Resolution: 1°.
Memory Backup: Nonvolatile memory.
Temperature Limits: Ambient: 32 to 158°F (0 to 70°C); Storage: -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 [i](#) below.

📍Digital Temperature Switch Probes and Accessories: See page 215 (Series TS-Probes)