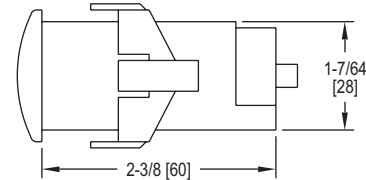
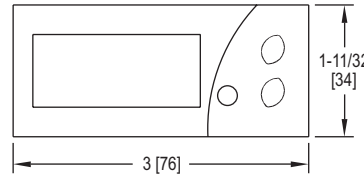


# THERMOCOUPLE TEMPERATURE SWITCH

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 thermocouple.  
**Input:** Type J or K 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 1 below.

1 Digital Temperature Switch Probes and Accessories: See page 144 (Series TS-Probes)