The Series 40 Digital Temperature Switch accepts a variety of inputs to allow temperature measurements and set points up to 1999°F (1300°C). Observing the current status of the control is made easier with the 3-1/2 digit, multi-color LED display that has alarm, defrost and output status indication on the bright red LED instruction manual. The Series 40 Switch features passcode protection and can define set point, heating/cooling regulation, cycle time, alarm configuration, load status, selectable alarm sets, and an internal buzzer indicating alarm condition or error. When programming multiple units, a programming key is available to reduce set up time.

### SPECIFICATIONS

**Probe Range:**
- K T/C: -140 to 1999°F (-100 to 1300°C)
- J T/C: -140 to 1450°F (-100 to 800°C)
- RTD: 32 to 1200°F (-200 to 650°C)
- PTC: -58 to 300°F (-50 to 150°C)
- NTC: 40 to 230°F (-40 to 110°C)
- N. RTD: -40 to 230°F (-40 to 110°C)
- N. RTD: -110 to 570°F (-80 to 300°C)

**Output:**
- 16A @ 250 VAC SPDT relay (max current allowed is 10A).

**Control Type:**
- On/off:
- Power Requirements: 12 to 24 VAC/VDC
- 115 VAC or 230 VAC depending on model.
- Accuracy: ±1% FS.
- Display: 3-1/2 digit red display.
- Resolution: 0.1°C.
- Memory Backup: Non-volatile memory.
- Ambient Temperature: 32 to 131°F (0 to 55°C).
- Weight: 2.3 oz (65 g).
- Agency Approvals: CE, cUL, UL.

### ACCESSORIES

- 40X-K, Configuration key: $40.00
- 40T-K, J type thermocouple, 4" probe, 48" extension: $14.00
- 40T-K, K type thermocouple, 4" probe, 48" extension: $14.00
- 40T-1, Brass PTC Thermistor Probe: $6.00
- 40T-2, Stainless Steel PTC Thermistor Probe: $9.00
- 40T-3, PVC PTC Thermistor Probe: $6.00
- 40T-4, Polyamide Resin Coated Brass PTC Thermistor Probe: $7.00
- 40T-7, Bead Type NPT Thermistor Probe: $4.00

### Series TCS

**Thermocouple Temperature Switch**

Heating and Cooling Control, 16 Amp Rating, Two Alarms

Monitor and control temperature in heating and cooling applications with the Series TCS Thermocouple Switch. The Series TCS offers a wide temperature range, two selectable alarm sets, and an internal buzzer indicating alarm condition or error. The user can define set point, heating/cooling regulation, cycle time, alarm configuration, load status, and ambient probe adjustment. The thermocouple switch features password protection and error/alarm messaging. Temperature and output status is indicated on the bright red LED display. Use the configuration key (sold separately) to quickly program multiple units. The Series TCS includes a fitting clip for panel mounting, gasket, rear terminal cover and instruction manual.

### 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 16A @ 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°F.
- Memory Backup: Non-volatile memory.
- Temperature Limits: Ambient: 32 to 158°F (0 to 70°C); Storage: 4 to 176°F (-20 to 80°C).
- Weight: 2 oz (60 g).
- Front Panel Rating: IP 65.
- Agency Approvals: CE, cUL, UL.

### ACCESSORIES

- 40T-J, J Type Thermocouple, 4" probe, 48" extension: $14.00
- 40T-K, K Type Thermocouple, 4" probe, 48" extension: $14.00
- 40T-K, Configuration Key: $89.00

© Items are subject to Schedule B discounts.

© Items are net priced and are not subject to any discount.