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 symbols. For added versatility, the temperature units can be field selected for °F or °C. For cooling applications, manual defrost mode can be initiated by pushing a single button. A flashing alarm informs users when the current temperature exceeds preset limits. 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: -320 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: -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% F.S.

**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).

**Front Panel Rating:**
- IP 65.

**Agency Approvals:**
- UL, CE.

### ACCESSORIES

- **40X-K**, Configuration key
- **TCS-J**, J type thermocouple, 4” probe, 48” extension
- **TCS-K**, K type thermocouple, 4” probe, 48” extension
- **TS-1**, Brass PTC Thermistor Probe
- **TS-2**, Stainless Steel PTC Thermistor Probe
- **TS-5**, PVC PTC Thermistor Probe
- **TS-6**, Polyamide Resin Coated Brass PTC Thermistor Probe
- **TS-7**, Bead Type NPT Thermistor Probe