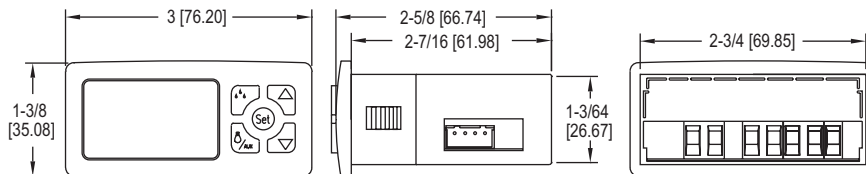


# DIGITAL TEMPERATURE SWITCH

Field Selectable Engineering Units, Real Time Clock



The **SERIES TS3** Digital Temperature Switch is the ideal control for on/off heating or cooling applications.

## FEATURES/BENEFITS

- Field selectable °F or °C
- Real time clock
- HACCP alarm logging
- Configuration key

## APPLICATIONS

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

## SPECIFICATIONS

**Probe Range:** PTC: -58 to 302°F (-50 to 150°C); NTC: -58 to 230°F (-50 to 110°C).  
**Input:** PTC (1000Ω @ 25°C); NTC (10KΩ @ 25°C).  
**Output:** R1 SPDT relay resistive load 16 A, inductive load 10 FLA, 60 LRA @ 240 VAC.  
**Horsepower Rating:** 1HP @ 240 VAC.  
**Control Type:** On/off.  
**Power Requirement:** 115 VAC, 230 VAC, 12 VAC/VDC, 24 VAC/DC (±10%) depending on model.

**Power Consumption:** 3.6 VA (115/230/24 V), 1.5 VA (12V).  
**Accuracy:** ±1% FS.  
**Display:** 3 digits plus sign.  
**Resolution:** 0.1°.  
**Memory Backup:** Non-volatile memory.  
**Ambient Temperature:** 32 to 131°F (0 to 55°C).  
**Weight:** 2.3 oz (65 g).  
**Front Panel Rating:** IP65.  
**Agency Approvals:** CE, cURus.

## MODEL CHART

Model	Supply Power
TS3-50010	115 VAC
TS3-50020	230 VAC
TS3-50030	12 VAC/VDC
TS3-50040	24 VAC/VDC

## ACCESSORIES

See page reference 1 below.