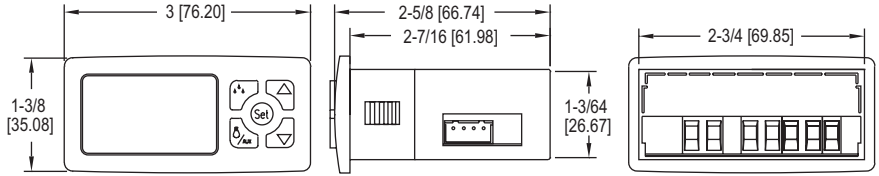
Dwyer

SERIES TS3

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

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

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.

ACCESSORIES
See page reference ❶ below.

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