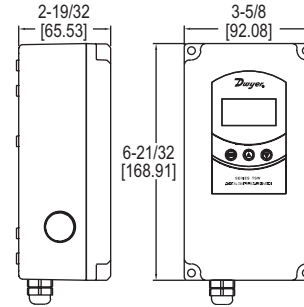


# WEATHER PROOF DIGITAL TEMPERATURE SWITCH

## NEMA 4X Housing, Single or Dual Stage, 20 A Contact Rating



The **SERIES TSW** Digital Temperature Switch combines the trusted, reliable TS family of temperature controls and an installation friendly weatherproof enclosure. The bright, easy-to-read LED display shows the current output status and the temperature measurement.

### FEATURES/BENEFITS

- Weatherproof housing
- Single or dual stage models
- Configuration key
- Physical and passcode parameter setting protection
- TS-1 temperature probe included

### APPLICATIONS

- Chillers
- Walk in cooler
- Woodboilers
- Brewing systems

MODEL CHART		
Model	Description	Supply Power
<b>TSW-150</b>	Single stage	90 to 255 VAC
<b>TSW-160</b>	Single stage	12 to 24 VAC/VDC
<b>TSW-250</b>	Dual stage	90 to 255 VAC
<b>TSW-260</b>	Dual stage	12 to 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 (10K Ω @ 25°C).  
**Output:** R1 SPDT relay resistive load: 20 A @ 240 VAC; R2 SPDT relay resistive load: 8 A @ 240 VAC; Inductive load: 3 A @ 240 VAC.  
**Horsepower Rating:** R1 2HP @ 240 VAC.  
**Control Type:** On/off.

**Power Requirements:** 90 to 255 VAC or 12 to 24 VAC/VDC (±10%) depending on model.  
**Power Consumption:** 3.6 VA.  
**Accuracy:** ±1% FS.  
**Display:** 3 digits plus sign.  
**Resolution:** Single stage: 1°; Dual stage: 0.1° < 100; 1° ≥ 100°.  
**Memory Backup:** Non-volatile memory.  
**Ambient Temperature:** 32 to 104°F (0 to 40°C).  
**Weight:** 1.2 lb (544 g).  
**Enclosure Rating:** NEMA 4X (IP66).  
**Agency Approvals:** CE, cURus.

### ACCESSORIES

Model	Description
<b>CC1-N</b>	Temperature sensor clip, neutral
<b>CC1-GY</b>	Temperature sensor clip, grey