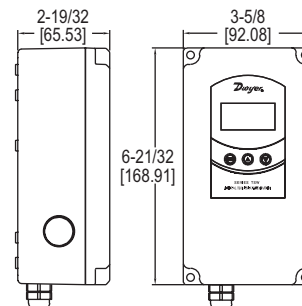


Dwyer
SERIES TSW



WEATHER PROOF DIGITAL TEMPERATURE SWITCH

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



The **Series TSW Weather Proof 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

APPLICATIONS

- Chillers
- Walk in cooler
- Woodboilers
- Brewing systems

MODEL CHART

Model	Description	Temperature Probe Included	Supply Power
TSW-150	Single stage	TS-8T	90-255 VAC
TSW-160	Single stage	TS-8T	12-24 VAC/VDC
TSW-250	Dual stage	TS-8T	90-255 VAC
TSW-260	Dual stage	TS-8T	12-24 VAC/VDC
TSW-150-NP	Single stage	None	90-255 VAC
TSW-160-NP	Single stage	None	12-24 VAC/VDC
TSW-250-NP	Dual stage	None	90-255 VAC 12
TSW-260-NP	Dual stage	None	12-24 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 (1000 Ω @ 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: 90-255 VAC or 12-24 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
CC1-N	Temperature sensor clip, neutral
CC1-GY	Temperature sensor clip, grey

