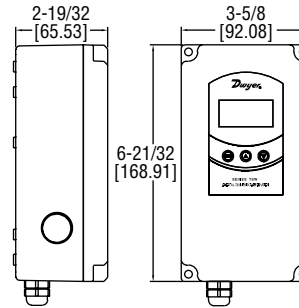


WEATHER PROOF DIGITAL TEMPERATURE SWITCH

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



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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



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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: 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-B	Temperature sensor clip, beige
CC1-GY	Temperature sensor clip, grey

MODEL CHART

Model	Description	Supply Power
TSW-150	Single stage	90 to 255 VAC
TSW-160	Single stage	12 to 24 VAC/VDC
TSW-250	Dual stage	90 to 255 VAC
TSW-260	Dual stage	12 to 24 VAC/VDC