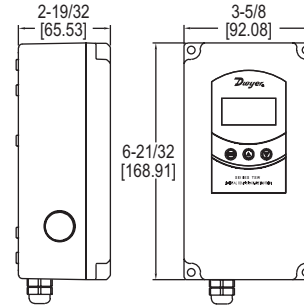


# WEATHER PROOF DIGITAL TEMPERATURE SWITCH

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 to 255 VAC
TSW-160	Single stage	TS-8T	12 to 24 VAC/VDC
TSW-250	Dual stage	TS-8T	90 to 255 VAC
TSW-260	Dual stage	TS-8T	12 to 24 VAC/VDC
TSW-150-NP	Single stage	None	90 to 255 VAC
TSW-160-NP	Single stage	None	12 to 24 VAC/VDC
TSW-250-NP	Dual stage	None	90 to 255 VAC 12
TSW-260-NP	Dual stage	None	12 to 24 VAC/VDC

SPECIFICATIONS	
<b>Probe Range:</b>	PTC: -58 to 302°F (-50 to 150°C); NTC: -58 to 230°F (-50 to 110°C).
<b>Input:</b>	PTC (1000Ω @ 25°C); NTC (10K Ω @ 25°C).
<b>Output:</b>	R1 SPDT relay resistive load: 20 A @ 240 VAC; R2 SPDT relay resistive load: 8 A @ 240 VAC; Inductive load: 3 A @ 240 VAC.
<b>Horsepower Rating:</b>	R1 2HP @ 240 VAC.
<b>Control Type:</b>	On/off.
<b>Power Requirements:</b>	90 to 255 VAC or 12 to 24 VAC/VDC (±10%) depending on model.
<b>Power Consumption:</b>	3.6 VA.
<b>Accuracy:</b>	±1% FS.
<b>Display:</b>	3 digits plus sign.
<b>Resolution:</b>	Single stage: 1°; Dual stage: 0.1° < 100; 1° ≥ 100°.
<b>Memory Backup:</b>	Non-volatile memory.
<b>Ambient Temperature:</b>	32 to 104°F (0 to 40°C).
<b>Weight:</b>	1.2 lb (544 g).
<b>Enclosure Rating:</b>	NEMA 4X (IP66).
<b>Agency Approvals:</b>	CE, cURus.

ACCESSORIES	
Model	Description
CC1-N	Temperature sensor clip, neutral
CC1-GY	Temperature sensor clip, grey