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

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Temperature Probe Included</th>
<th>Supply Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSW-150</td>
<td>Single stage</td>
<td>TS-8T</td>
<td>90 to 255 VAC</td>
</tr>
<tr>
<td>TSW-160</td>
<td>Single stage</td>
<td>TS-8T</td>
<td>12 to 24 VAC/VDC</td>
</tr>
<tr>
<td>TSW-250</td>
<td>Dual stage</td>
<td>TS-8T</td>
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<td>TSW-260</td>
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<tr>
<td>TSW-150-NP</td>
<td>Single stage</td>
<td>None</td>
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<tr>
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</tr>
</tbody>
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ACCESSORIES
- Temperature sensor clip, neutral (CC1-N)
- Temperature sensor clip, grey (CC1-GY)

DIGITAL TEMPERATURE/WATER LEVEL SWITCH
Two Temperature Set Points, Low Water Level Alarm

The Series TSWB Digital Temperature/Water Level Switch offers complete boiler control for outdoor wood boilers and other similar heating equipment.

FEATURES/BENEFITS
- 3 outputs for high temp, low temp or input alarm
- Conductivity probe input for water level monitoring
- Configuration key

APPLICATIONS
- Wood or pellet boilers

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<td>TSWB-010</td>
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ACCESSORIES
- See page reference below.

SPECIFICATIONS
- Probe Range: PTC: -58 to 302°F (-50 to 150°C); NTC: -58 to 230°F (-50 to 110°C).
- Input: PTC (100kΩ @ 25°C); NTC (10kΩ @ 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: 3.6 VA.
- Accuracy: ±1% of full-scale.
- Display: 3 digits, red 1/2˝ digits.
- Resolution: 1° (3 digits).
- Memory Backup: Non-volatile memory.
- Ambient Operating Temperature: -30°F to 158°F (-30°C to 70°C).
- Weight: 3.5 oz.
- Front Protection: IP64.

Agency Approvals: CE, cULus.

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