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
<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Supply Power</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSW-150</td>
<td>Single stage</td>
<td>90 to 255 VAC</td>
<td>$69.00</td>
</tr>
<tr>
<td>TSW-160</td>
<td>Single stage</td>
<td>12 to 24 VAC/ VDC</td>
<td>69.00</td>
</tr>
<tr>
<td>TSW-250</td>
<td>Dual stage</td>
<td>90 to 255 VAC</td>
<td>85.00</td>
</tr>
<tr>
<td>TSW-260</td>
<td>Dual stage</td>
<td>12 to 24 VAC/ VDC</td>
<td>85.00</td>
</tr>
</tbody>
</table>

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

The SERIES TSWB Digital Temperature 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

MODEL CHART
<table>
<thead>
<tr>
<th>Model</th>
<th>Supply Power</th>
<th>Unit</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSWB-010</td>
<td>115 VAC</td>
<td>°F</td>
<td>$110.00</td>
</tr>
<tr>
<td>TSWB-011</td>
<td>115 VAC</td>
<td>°C</td>
<td>110.00</td>
</tr>
</tbody>
</table>

SPECIFICATIONS
Probe Range: PTC: -58 to 302°F (-50 to 150°C); NTC: -58 to 230°F (-50 to 110°C).
Probe Temperature Input: PTC (1000Ω @ 25°C); NTC (10KΩ @ 25°C).
Probe Level Input: Conductivity probe: Max voltage 12 VAC. Sensitivity established from factory at 100KΩ.
Output: R1 SPST NO relay resistive load 5 A @ 250 VAC; R2 SPST NC relay resistive load 5 A @ 250 VAC; R3 SPDT relay resistive load 16 A @ 240 VAC.
Horsepower Rating: 1 HP -- 10 FLA, 60LRA 250 VAC.
Control Type: On/off.

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Horsepower Rating: 1 HP -- 10 FLA, 60LRA 250 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, cULus.

ACCESSORIES
See page reference below.