The Series TSW Digital Temperature Switch combines the trusted, reliable TS family of temperature controls and an installation friendly weatherproof enclosure. By using the same programming parameters as our Series TS2 and Series TSS2, set up can be quickly completed using the front keypad or by using the TS2-K configuration key. In order to prevent tampering from unauthorized users, a parameter lock physical jumper and software passcode security are standard in the unit. The bright, easy-to-read LED display shows the current output status and the temperature measurement.

In order to reduce time in selecting models, the Series TSW has universal high and low power supply models and field selectable engineering units. The Series TSW includes one TS-1 PTC thermistor probe.

### SPECIFICATIONS

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

The Series TSWB Digital Temperature Switch has a high and a low set point for controlling the water temperature. The low set point can either be manually or automatically reset. This control also has a conductivity probe input. This input supplies 12 VAC to the conductivity probe to check for low water condition. There are three relay outputs which can be assigned in the field to the high temperature set point, low temperature set point or the low water level input. The Model TSS-K configuration key can make configuring multiple controls quick and easy.

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Supply Voltage</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSWB-010</td>
<td>115 VAC</td>
<td>°F</td>
</tr>
<tr>
<td>TSWB-011</td>
<td>115 VAC</td>
<td>°C</td>
</tr>
</tbody>
</table>

The Series TSWB Digital Temperature Switch has a high and a low set point for controlling the water temperature. The low set point can either be manually or automatically reset. This control also has a conductivity probe input. This input supplies 12 VAC to the conductivity probe to check for low water condition. There are three relay outputs which can be assigned in the field to the high temperature set point, low temperature set point or the low water level input.

### ACCESSORIES

- CC1-N, Averaging Temperature Sensor Clip, Natural
- CC1-B, Averaging Temperature Sensor Clip, Beige
- CC1-GY, Averaging Temperature Sensor Clip, Grey

- See Series TS probes.

- **Supply Power**: 90 to 255 VAC or 12 to 24 VAC/VDC (±10%) depending on model.
- **Power Consumption**: 3.6VA.
- **Display**: 3 digits plus sign.
- **Resolution**: 0.1°F (°C).
- **Accuracy**: ±1% FS.
- **Display**: 3-digit, red 1/2˝ digits.
- **Horsepower Rating**: 1HP -- 10FLA, 2HP -- 10FLA, 60LRA 250 VAC.
- **Control Type**: On/off.
- **Power Requirements**: 115 VAC ± 10%, 230 VAC ± 10%, 24 VAC/DC ± 10%, 12 VAC/DC ± 10%.
- **Power Consumption**: 4VA (230V/115V), 1.5VA (24V/12V).
- **Accuracy**: Better than 1% of full-scale.
- **Display**: 3-digit, red 1/2˝ digits.
- **Resolution**: 1°F (°C).
- **Memory Backup**: Non-volatile memory.
- **Ambient Operating Temperature**: 32 to 158°F (-30 to 70°C).
- **Weight**: 3 oz.
- **Protection**: IP64.