DIGITAL TEMPERATURE SWITCH
Easy Multi-Unit Programming, 16A SPDT Relay Output

The Series TS2 Digital Temperature Switch offers an easy to use OEM friendly solution to monitor and control temperature in heating or cooling applications.

FEATURES/BENEFITS
• Simple to use temperature control device
• Configuration key

APPLICATIONS
• Refrigerators
• Chillers
• Food service equipment
• Medical sterilizers or equipment

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Supply Power</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>TS2-010</td>
<td>115 VAC</td>
<td>°F</td>
</tr>
<tr>
<td>TS2-011</td>
<td>115 VAC</td>
<td>°C</td>
</tr>
<tr>
<td>TS2-020</td>
<td>230 VAC</td>
<td>°F</td>
</tr>
<tr>
<td>TS2-030</td>
<td>12 VAC/VDC</td>
<td>°F</td>
</tr>
<tr>
<td>TS2-040</td>
<td>24 VAC/VDC</td>
<td>°F</td>
</tr>
<tr>
<td>TS2-041</td>
<td>24 VAC/VDC</td>
<td>°C</td>
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SPECIFICATIONS

Probe Range: -58 to 302°F (-50 to 150°C).
Input: PTC (1000Ω @ 25°C).
Output: 16 A SPDT relay @ 250 VAC resistive, 5 A inductive.
Horsepower Rating (HP): 1 HP.
Control Type: On/off.
Power Requirements: 115 VAC, 230 VAC, 12 VAC/VDC or 24 VAC/VDC.
Accuracy: ±1% FS.
Display: 3-digit, red, 1/2” digits.
Resolution: 1°.
Memory Backup: Nonvolatile memory.
Temperature Limits: Ambient: 32 to 158°F (0 to 70°C).
Storage Temperature: -4 to 176°F (-20 to 80°C).
Weight: 2.3 oz (65 g).
Front Panel Rating: IP64.
Agency Approvals: CE, cURus.

ACCESSORIES

See page reference below.

SERIES TSS2
DUAL STAGE TEMPERATURE SWITCH
Two Independent Relay Outputs, Heating or Cooling Control

The Series TSS2 Dual Stage Temperature Switch features two independent sensor inputs and control outputs in one device.

FEATURES/BENEFITS
• Simple to use dual temperature control device
• Configuration key

APPLICATIONS
• Refrigerators
• Chillers
• Food service equipment
• Medical sterilizers or equipment

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Supply Power</th>
<th>Unit</th>
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<tbody>
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<td>TSS2-2100</td>
<td>115 VAC</td>
<td>°F</td>
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<tr>
<td>TSS2-2110</td>
<td>115 VAC</td>
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<td>TSS2-2210</td>
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<td>TSS2-2300</td>
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<td>°F</td>
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<tr>
<td>TSS2-2400</td>
<td>24 VAC/VDC</td>
<td>°F</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).
Input: PTC (1000Ω @ 25°C); NTC (10KΩ @ 25°C).
Outputs: OUT1=SPDT relay rated 16 A @ 240 VAC resistive; OUT2=SPDT relay rated 8 A @ 240 VAC resistive.
Horsepower Rating (HP): 1 HP (OUT1).
Power Requirements: 115 VAC, 230 VAC, 12 VAC/VDC or 24 VAC/VDC (depending on model).
Accuracy: ±1% FS.
Display: 3-digit and sign, red LED.
Resolution: 0.1° (< 100°); 1° (≥ 100°).
Memory Backup: Nonvolatile memory.
Temperature Limit: Ambient: 32 to 158°F (0 to 70°C).
Storage Temperature: -4 to 176°F (-20 to 80°C).
Dimensions: 3 x 1-27/64 x 2-7/16 in.
Weight: 2.3 oz (65 g).
Agency Approvals: CE, cURus.

ACCESSORIES

See page reference below.