Leaders in Temperature Measurement Technology

Love Controls has been a leading manufacturer and innovator in industrial temperature controls and switches. Love offers controllers and switches in a variety of configurations and feature sets to solve your most demanding applications.

Love is proud to complement this extensive list with the new Series TSF FM Approved Level Control and Series SCD DIN Rail Mount Temperature/Process Controller. The Series TSF FM is capable of having a high or low limit on a variety of applications such as commercial water boilers and ovens. The control can be manually reset through the front panel or a remote reset button. The Series SCD is capable of controlling up to 8 PID loops by connecting slave controls to the master controls. It is programmed via RS-485 Modbus® Serial Communications.

We have always felt that the best does not have to cost you the most, and encourage you, the customer, to check out our value and what we believe to be the most competitively priced products on the market.

Sincerely, The Love Controls Team

Visit Us Online, Call or Fax!

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P.O. Box 373
Michigan City, IN 46361 U.S.A.
e-mail: info@dwyer-inst.com
Telephone: (800) 872-9141
Fax: (219) 872-9057
website: www.dwyer-inst.com
www.love-controls.com
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Sincerely, The Love Controls Team

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<table>
<thead>
<tr>
<th>Series</th>
<th>T20</th>
<th>T26</th>
<th>T5</th>
<th>T5X</th>
<th>TSX</th>
<th>T5Y</th>
<th>T30</th>
<th>TSX</th>
<th>T5Y</th>
<th>T30</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input</strong></td>
<td>10A SPST relay @ 250 VAC @ 25°C</td>
<td>5A SPST relay, 0(4) to 20 mA or 15 VDC switched voltage</td>
<td>5A SPST relay, 0(4) to 20 mA or 0 to 20 mA</td>
<td>5A SPST relay, 0(4) to 20 mA or 15 VDC switched voltage</td>
<td>5A SPST relay, 0(4) to 20 mA or 0 to 20 mA</td>
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</tr>
<tr>
<td><strong>Output</strong></td>
<td>16A SPDT relay @ 250 VAC resistive</td>
<td>8A SPDT relay @ 250 VAC</td>
<td>8A SPDT relay @ 250 VAC</td>
<td>8A SPDT relay @ 250 VAC</td>
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<td>8A SPDT relay @ 250 VAC</td>
</tr>
<tr>
<td><strong>Power Requirements</strong></td>
<td>110 VAC, 230 VAC, 12 VDC/AC, @ 25°C</td>
<td>110 VAC, 230 VAC, 12 VDC/AC, @ 25°C</td>
<td>110 VAC, 230 VAC, 12 VDC/AC, @ 25°C</td>
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<td>110 VAC, 230 VAC, 12 VDC/AC, @ 25°C</td>
<td>110 VAC, 230 VAC, 12 VDC/AC, @ 25°C</td>
<td>110 VAC, 230 VAC, 12 VDC/AC, @ 24 VDC</td>
</tr>
<tr>
<td><strong>Accuracies</strong></td>
<td>±1°C</td>
<td>±1°C</td>
<td>±1°C</td>
<td>±1°C</td>
<td>±1°C</td>
<td>±1°C</td>
<td>±1°C</td>
<td>±1°C</td>
<td>±1°C</td>
<td>±1°C</td>
</tr>
<tr>
<td><strong>Temperature Range</strong></td>
<td>0°C to 120°C for current, ±0.25% of span</td>
<td>0°C to 120°C for current, ±0.25% of span</td>
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</tr>
</tbody>
</table>

**TEMPERATURE CONTROLLERS**

<table>
<thead>
<tr>
<th>Series</th>
<th>T50</th>
<th>T500</th>
<th>T30</th>
<th>T300</th>
<th>T5000</th>
<th>T3000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input</strong></td>
<td>Two 4 digit, 7 segment, 6.35 mm (0.25˝) LED's</td>
<td>Two 4 digit, 7 segment, 6.35 mm (0.25˝) LED's</td>
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</tr>
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<td><strong>Output</strong></td>
<td>16A SPDT relay @ 250 VAC</td>
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<td>110 VAC, 230 VAC, 12 VDC/AC, @ 25°C</td>
</tr>
<tr>
<td><strong>Accuracy</strong></td>
<td>±1°C</td>
<td>±1°C</td>
<td>±1°C</td>
<td>±1°C</td>
<td>±1°C</td>
<td>±1°C</td>
</tr>
<tr>
<td><strong>Temperature Range</strong></td>
<td>0°C to 120°C for current, ±0.25% of span</td>
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**Modbus®** is a registered trademark of Schneider Automation.

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**Agency Approvals**

CE, FCC, UL, ANSI, NEMA, ETL, CSA, TUV, IEC, GOST, EN.
A word on our Temperature Brochure...

Love Controls has been a leader in the manufacturing of temperature controls and switches. Love offers controllers and switches in a variety of configurations and features to suit your specific application.

Love is proud to complement this extensive list with its new Series TSF FM Approved Li-Fi Control and Series SCD DIN Rail Temperature Process Controller. The Series TSF is capable of being a high or low limit on a variety of applications such as commercial water boilers and ovens. The Series TSF can be manually reset through the front panel or via a remote reset button. The Series SCD is capable of controlling up to 8 PID loops by connecting slave controls to the master control. The SCD is programmed via RS-485 Modbus Serial Communications.

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