Series 32A Temperature/Process Controller
1/32 DIN, Universal Input, Self-Tune, Fuzzy Logic

**STANDARD FEATURES**
- Large dual display
- Self-tune
- Fuzzy logic
- Universal input
- Loop break protection
- Peak/valley indication
- Percent output indication
- Illuminated keypad
- 16 segment ramp/soak function
- Auto/manual station function
- Four password protected security levels

**SPECIFICATIONS**
- Selectable Inputs: Thermocouple, RTD, DC voltage or DC current selectable.
- Display: Two 4-digit, 7 segment, 0.259 high (6.35 mm) LEDs.
- Accuracy: ±0.25% of span, ±1 least significant digit.
- Supply Voltage: 100 to 240 VAC, nominal, +10 - 15%, 50 to 400 Hz. single phase; 132 to 240 VDC, nominal, +10 - 20%.
- Power Consumption: 5 VA maximum.
- Operating Temperature: 14 to 131°F (-10 to 55°C).
- Memory Backup: Nonvolatile memory. No batteries required.
- Control Output Ratings:
  - Relay: SPST, 3A @ 240 VAC resistive; 1.5A @ 240 VAC inductive; Pilot duty rating: 250 VA, 2A @ 120 VAC or 1A @ 240 VAC.
  - Switched voltage (non-isolated): 5 VDC @ 20 mA. Proportional current: 0 to 20 mADC scaleable into 600 Ohms max.
- Weight: 4 oz (114 g).
- Agency Approvals: CE, UL E83725.

**OPTIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Alarm</th>
<th>Output A</th>
<th>Output B</th>
</tr>
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<tbody>
<tr>
<td>32A020</td>
<td>No</td>
<td>5 VDC</td>
<td>None</td>
</tr>
<tr>
<td>32A123</td>
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<td>5 VDC</td>
<td>Relay</td>
</tr>
<tr>
<td>32A133</td>
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<td>Current</td>
<td>Relay</td>
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<td>No</td>
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<tr>
<td>32A030</td>
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<td>Relay</td>
<td>None</td>
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</table>

**ACCESSORIES**
- MN-1, Mini-Node™ USB/RS-485 converter
- LoveLinks III, Configuration software
- A-600, R/C snubber

**OPTIONAL FEATURES**
- 992, RS-485 Serial Communication
- 9502, 12-24 VDC/VAC Power Input