Latest microprocessor based technology affords full programmability with complete array of features in compact ultra low cost unit. 16A Series Temperature/Process Controller features universal input, Self-Tune PID, Fuzzy Logic, and dual four-digit LED displays for process and set point value. Selectable inputs can be thermocouple, RTD, current or voltage. Available outputs are solid-state relay, relay, pulsed voltage, or proportional current. Programmable alarm (optional) can be reset automatically or manually. Front panel is waterproof and corrosion resistant (UL type 4X), making it ideal for sanitary applications. Replace electronics without wiring changes (via removable front panel). Self diagnostics, nonvolatile memory and selectable control modes are all designed for greater productivity. Four security levels are password protected. On-off, P, PI or PID manual tune control functions can be selected or the controller will Self-Tune automatically for best PID control.

The 16A2 offers the best value in Standard Features in a Process and Temperature control. In addition to the features listed above, the 16A2 offers Peak/Valley indication, Percent Output indication, Digital Input Filter, and a host of others.

<table>
<thead>
<tr>
<th>Model</th>
<th>Alarm</th>
<th>Output A</th>
<th>Output B</th>
</tr>
</thead>
<tbody>
<tr>
<td>16A2111</td>
<td>Yes</td>
<td>SSR</td>
<td>SSR</td>
</tr>
<tr>
<td>16A2030</td>
<td>No</td>
<td>Relay</td>
<td>None</td>
</tr>
<tr>
<td>16A2133</td>
<td>Yes</td>
<td>Relay</td>
<td>Relay</td>
</tr>
<tr>
<td>16A2130</td>
<td>Yes</td>
<td>Relay</td>
<td>None</td>
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<tr>
<td>16A2020</td>
<td>No</td>
<td>15 VDC</td>
<td>None</td>
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<tr>
<td>16A2110</td>
<td>Yes</td>
<td>SSR</td>
<td>None</td>
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<tr>
<td>16A2050</td>
<td>No</td>
<td>Current</td>
<td>None</td>
</tr>
</tbody>
</table>

For Enhanced Ramp and Soak features, change 16A2 to 16A3

OPTIONS (Add as a suffix to model number)
-934**, Process Signal Output, PV or SV. Isolated 0 to 20 mADC
-936**, Process Signal Output, PV or SV. Isolated 0 to 10 VDC
-992**, RS-485 Serial Communications Lovelink™ Protocol
-993**, RS-232 Serial Communications Lovelink™ Protocol
-995**, RS-232 Serial Communications Modbus RTU Protocol
-996**, RS-485 Serial Communications Modbus RTU Protocol
-9502, 12-24 VDC/VAC power input

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

SERIAL COMMUNICATIONS (Optional): RS-232 or RS-485 with either Lovelink™ Software or Modbus® RTU protocol.

OPTIONS (Add as a suffix to model number)
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