The CN3261 Series high-limit controller protects expensive heaters and sensitive materials from damaging due to temperature conditions. Units are designed for industrial and commercial applications that require high-temperature protection. The CN3261 features a Form "C" latching, manually resettable relay output that de-energizes whenever the sensed temperature exceeds the setpoint temperature. Two methods are provided to reset an alarm condition, 1, the limit alarm has a reset pushbutton on the unit and 2, reset terminals are provided for resetting the alarm from a remote pushbutton. The DIN rail mounting feature allows quick installation without drilling or extra hardware. Slots are also provided for direct panel mounting.

Specifications
Sensor Inputs:
- J Thermocouple: 0 to 750°C (0 to 1400°F)
- K Thermocouple: -18 to 1260°C (0 to 2300°F)
- RTD: -18 to 454°C (0 to 850°F)
2-wire input
Control Output: SPDT relay rated 3.8 A resistance and 1.5 A pilot duty 120 Vac, 100,000 cycles
Control Mode: Latching with manual reset or power-off
Reset Function: Integral reset switch standard; terminals available for optional remote reset switch
Set Point Adjustment:
Local SP dial adjustment
Control Stability: Typically less than ±5µV/°F ambient and 0.1% of SPAN/% rated line voltage
Set Point Accuracy: ±3% FS maximum at 25°C and rated line voltage
Sensor Break Protection: Contacts 4 and 5 open for thermocouple or RTD break
Ambient Operating Temperature: 0 to 60°C (32 to 140°F)
Noise Rejection:
Common Mode Rejection: 60 db
Series Mode Rejection: 120 db

To Order

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CN3261-JF</td>
<td>Limit controller, J thermocouple -18 to 760°C (0 to 1400°F)</td>
</tr>
<tr>
<td>CN3261-KF</td>
<td>Limit controller, K thermocouple -18 to 1260°C (0 to 2300°F)</td>
</tr>
<tr>
<td>CN3261-RTDF</td>
<td>Limit controller, RTD -18 to 454°C (0 to 850°F)</td>
</tr>
<tr>
<td>CN3261-JC</td>
<td>Limit controller, J thermocouple 0 to 750°C (0 to 1400°F)</td>
</tr>
<tr>
<td>CN3261-JF-LV</td>
<td>Limit controller, J thermocouple 0 to 750°C (0 to 1400°F), low power</td>
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</tbody>
</table>

Comes complete with operator’s manual.

Ordering Examples: CN3261-RTDF, limit controller with -18 to 454°C (0 to 850°F) RTD input.
OCW-3, OMEGACARE™ extends standard 1-year warranty to a total of 4 years.
CN3261-JF, limit controller, J thermocouple.