PDMP
Power Distribution and Monitoring Panel

Application . . .
Power Distribution to Four Circuits
PDMP power distribution and monitoring panel is available for one to four circuits with voltage ratings of 120/240, or 277 Vac. The corrosion-resistant NEMA 4X nonmetallic junction box is hinged and lockable.

These panels can be custom designed to meet the specific requirements of an application, including circuit requirements, enclosure type, control and monitoring capabilities and specific agency approvals. Contact Thermon for complete information.

Ratings . . .
Control and monitoring capacity .......... 1-4 heat tracing circuits (up to 50 amps)
Module supply voltages .............. 110-120, 208-240 or 277 Vac
Controlled output voltages ............... 110-277 Vac
Module operating ambient .................. -40°F to 140°F (-40°C to 60°C)

Maximum storage ambient .................... 158°F (70°C)
Temperature input ....................... thermostat or electronic control
Enclosure dimensions (H x W x D)
1 Ckt ............................................................. 16" x 14" x 8"
2 Ckts ..........................................................  20" x 16" x 10"
3-4 Ckts .................................................... 24" x 24" x 12"
Ground leakage trip .............................. 30 mA

Product Reference Legend . . .
Example:

<table>
<thead>
<tr>
<th>Panel Type</th>
<th>Circuit Breaker Size</th>
<th>Rated Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDMP = Power Distribution Monitoring Panel</td>
<td>20 = 20 Amp</td>
<td>120 = 120 Vac</td>
</tr>
<tr>
<td>1 Ckt</td>
<td>30 = 30 Amp</td>
<td>208/240 = 208-240 Vac</td>
</tr>
<tr>
<td>2 Ckts</td>
<td>40 = 40 Amp</td>
<td>277 = 277 Vac</td>
</tr>
<tr>
<td>3 Ckts</td>
<td>50 = 50 Amp</td>
<td></td>
</tr>
<tr>
<td>4 Ckts</td>
<td>120 Vac circuits limited to 30 Amps.</td>
<td></td>
</tr>
</tbody>
</table>

Certifications/Approvals . . .

PDMP mounted in a NEMA 4X FRP enclosure

Notes . . .
1. The National Electrical Code and Canadian Electrical Code require ground-fault protection of equipment for each branch circuit supplying electric heating equipment. Check local codes for ground-fault protection requirements.
2. 120 Vac coil to be controlled by thermostat or electronic control.

Enclosures
The standard enclosure is a NEMA 4X fiberglass-reinforced polyester with a hinged cover held in place with quick release latches.