DESCRIPTION

UNIPOWER’s DPPIU Series of circuit breaker panels provide distribution and overload protection for 1 to 16 circuits with circuit breakers that can be field installed/exchanged without the need for any additional tools. The panels are only one mounting position (1.75 inches) high.

The panels provide up to 16 breakers single-bus 150A or dual-bus 300A (B/A/B) distribution and alarm capabilities. The A and B sections of the dual-bus panel are fully isolated, can be separately configured for 12 or 24/48 volts and are polarity neutral. Breaker capacities range from 1 to 30 amperes.

Breaker alarm is indicated by a dual color LED (green/red) and Form C relay contacts for each bus.

FEATURES

- 48/24V and 12V or Dual Voltage
- POLARITY NEUTRAL
- 150A bus bar inputs
- Single or Dual Feed
- NO tools required to change breakers
- Tapered entry for easy insertion
- NO or NC alarm contacts
- Alarm LEDs
- Power Fail form-C alarm
- 19” & 23” universal mounting brackets
- Rear panel safety cover standard

THREE YEAR WARRANTY

SAFETY CERTIFICATIONS

UL60950-1 2nd Edition
CSA22.2, No. 60950-1 2nd Edition
EN60950-1 2nd Edition

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DPP1U SERIES
DC DISTRIBUTION PANELS
16 Pluggable Breakers & Dual 150A Inputs

STANDARD CONFIGURATIONS

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>VOLTS EACH FEED</th>
<th>INPUT FEEDS</th>
<th>MAX. # BREAKERS</th>
<th>AMPS EACH FEED</th>
<th>TOTAL AMPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPPIU-A1</td>
<td>48/24</td>
<td>1</td>
<td>8</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td>DPPIU-A6</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>DPPIU-A1-B1-S</td>
<td>48/24</td>
<td>1</td>
<td>16</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td>DPPIU-A6-B6-S</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPPIU-A1-B1</td>
<td>48/24 - 48/24</td>
<td>2</td>
<td>8 + 8</td>
<td>150</td>
<td>300</td>
</tr>
<tr>
<td>DPPIU-A6-B6</td>
<td>12 - 12</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

NOTE: Single feed models DPPIU-A1-B1-S and DPPIU-A6-B6-S have both left and right side input bus bars fitted. It is only necessary to connect the input feed to one side for correct operation. The unused side is directly connected to the live input feed and can be used for supplying additional panels. The total load must not exceed 150A on any one pair of bus bars in the chain.

BREAKER ORDERING GUIDE

<table>
<thead>
<tr>
<th>AMPS</th>
<th>PART NUMBER</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>348-1436-0000</td>
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<tr>
<td>2.5</td>
<td>348-1436-0010</td>
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<td>5</td>
<td>348-1436-0020</td>
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<td>348-1436-0030</td>
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<td>348-1436-0040</td>
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<td>348-1436-0050</td>
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<td>25</td>
<td>348-1436-0060</td>
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<tr>
<td>30</td>
<td>348-1436-0070</td>
</tr>
<tr>
<td>BLANK</td>
<td>348-1418-0000</td>
</tr>
</tbody>
</table>

NOTE: Breakers need to be ordered individually and are shipped with each panel as separate items for field installation.
SPECIFICATIONS
Typical at 25°C Unless Otherwise Noted.

INPUT/OUTPUT
Input/Output Ratings.......................................... 150A Max., @ 40°C, each side A & B
125A Max., @ 50°C, each side A & B
50A Max., @ 70°C, each side A & B

Configuration.................................................. 150A Single Bus with 1 to 16 Breakers
300 A Dual Bus 1 to 8 Breakers Each Bus

Breaker Capacity 1 .............................................. 1A to 30A

Voltage 1.......................................................... 21-60VDC
24/48V Version ..................................................... 24-48VDC
12V Version...................................................... 10.5-15VDC

Polarity............................................................ Neutral, Positive or Negative Ground

ALARM CONNECTOR

ALARM CONNECTOR DETAIL

Connectors are Phoenix Contact spring clamp type.
Wires (16-26AWG) do not require any termination.

NOTE: Single feed models DPPIU-A1-B1-S and DPPIU-A6-B6-S have both left and right side input bus bars fitted.
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