Intelligent Distribution Bay

**BDFB/BDCBB**

The Battery Distribution Fuse Bay (BDFB) or Battery Distribution Circuit Breaker Bay (BDCBB) serves as a secondary power distribution unit for 48VDC power from the battery plant to the load equipment. The Intelligent Distribution Bay combines many of the features of the reliable H569-445 family of products with a highly versatile Intelligent Protection Device (IPD), capable of measuring load current on each distribution circuit.

**Applications**
- Central Office
- Data Center
- MTSO
- Cable Headend facilities

**Features**
- 8 load panels, 20 circuits per panel
- Real time monitoring of branch loads
- Central and remote monitoring
- Low initial cost

**Specifications**

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Electrical</th>
<th>Mechanical</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>System Voltage</strong></td>
<td>48V</td>
<td></td>
</tr>
<tr>
<td><strong>Capacity, amps</strong></td>
<td>800A per load connection</td>
<td>Width 30” (762mm)</td>
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<tr>
<td><strong>Capacity, positions</strong></td>
<td>8 panels, 20 per panel, 160 total</td>
<td>Depth 24” (864mm)</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>0°C to 40°C (32°F to 104°F)</td>
<td>Height 84” (2134mm)</td>
</tr>
<tr>
<td><strong>Agency Approvals</strong></td>
<td>UL, Seismic Zone 4, EMI Class A</td>
<td>Color Black or White</td>
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</table>

**Intelligent Protective Device (IPD)**

5-100A Single Pole
Programmable LED status and color functionality

100-200A Dual Pole

225-300A Three Pole

**Monitoring via the controller of:**

- Load current
- Power usage
- Presence
- Slot position
- Open / closed
- Trip status
- Number of poles
- Life remaining
- Number of operations
- Number of overload conditions
- Serial number
- Manufactured date

**Controller**

Pulsar 100 customized to this application.
Front Panel color touch screen controls.
Remote monitoring through a local Millenium 2 in a power plant.
Remote monitoring direct through IP address.