

Intelligent Distribution Bay

BDFB/BDCBB

The OmniOn Power™ Battery Distribution Fuse Bay (BDFB) or Battery Distribution Circuit Breaker Bay (BDCBB) serves as a secondary power distribution unit for -48V_{DC} 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 (22 circuits with 26"x28" cabinet)
- Real time monitoring of branch loads
- Central and remote monitoring
- Low initial cost

Specifications

Electrical	
System Voltage	-48V
Capacity, amps	800A per load connection
Capacity, positions	8 panels, 20 per panel, 160 total
Operating Temperature	0°C to 40°C (32°F to 104°F)
Agency Approvals	UL, Seismic Zone 4, EMI Class A

Mechanical	Option 1	Option 2
Width	30" (762mm)	26" (660mm)
Depth	24" (864mm)	28" (711mm)
Height	84" (2134mm)	84" (2134mm)
Color	Black or White	Black

Intelligent Protective Device (IPD)

5-100A Single Pole

100-200A Dual Pole

225-300A Three Pole

Programmable LED status and color functionality

Monitoring via the controller of:

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

Controller

Pulsar 100 customized to this application.

Front Panel color touch screen controls.

Remote monitoring through a local Millennium 2 in a power plant.

Remote monitoring direct through IP address.



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