Intelligent Distribution Bay

BDFB/BDCBB

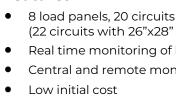
The OmniOn Power[™] Battery Distribution Fuse Bay (BDFB) or Battery Distribution Circuit Breaker Bay (BDCBB) serves as a secondary power distribution unit for -48V_{DC} power from the battery plant to the load equipment. The Intelligent Distribution Bay combines many of the features of the reliable H569-445 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





Specifications

Electrical		Mechanical	Option 1	Option 2
System Voltage	-48V	Width	30" (762mm)	26" (660mm)
Capacity, amps	800A per load connection	Depth	24" (864mm)	28" (711mm)
Capacity, positions	8 panels, 20 per panel, 160 total	Height	84" (2134mm)	84" (2134mm)
Operating Temperature	0°C to 40°C (32°F to 104°F)	Color	Black or White	Black
Agency Approvals	UL, Seismic Zone 4, EMI Class A			

Intelligent Protective Device (IPD)

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

Monitoring via the controller of:

- Load current Power usage Presence Slot position Open / closed
- Trip status Number of poles Life remaining Number of operations

100-200A Dual Pole

225-300A Three Pole

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.



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