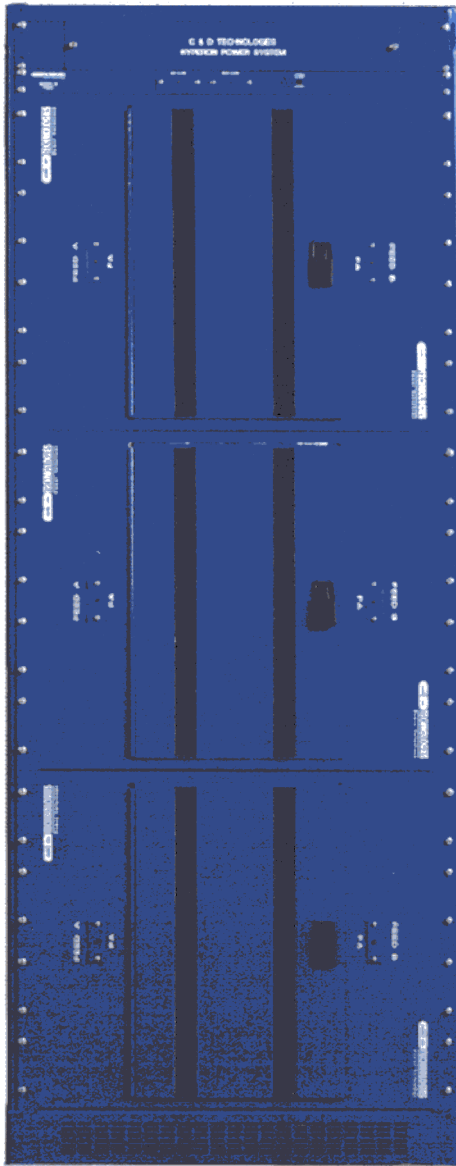




Battery Distribution Fuse Bay (BDFB)



Description

The Hyperon BDFB features modularity, front access fuses/breakers, series 10 or series 200 monitor, and simplified installation. The bay allows for up to (6) six individual sections rated at 600Amps each. The system supplies internal ground returns that are paired with the loads. The box framework is rated for Zone 4 installations which offers you the option of a top or bottom feed. The Hyperon BDFB is ideal for Central Office, Co-location or any application requiring secondary distribution. Refer to drawing set J1 10-4203 for additional information.

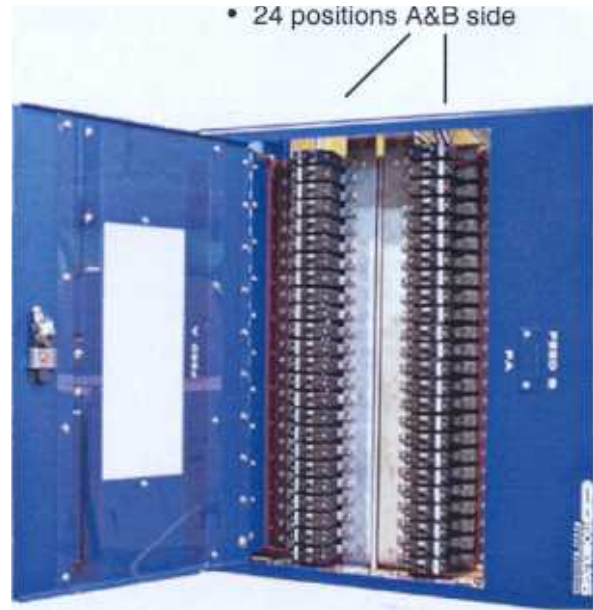
Key Design Details

- Up to (3) three distribution panels per bay with isolated A&B feeds for installation flexibility.
- Each distribution panel supports 24A and 24B AM1 style bolt breakers rated 5 to 100 amps each, or TPS fuses rated 3 to 70 Amps to meet evolving power needs.
- Maximum installation flexibility is maintained by a top or bottom feed option.
- Up to (4) four 1,000MCM cables for each feed for ease of installation.
- Series 200 monitor, for monitoring total BDFB current, individual panel currents and voltages, temperature points for cable landings and major/minor alarm categories.
- Up to 144 breakers or fuses per BDFB aid expansion in the field.
- Up to #2 size wire for each breaker or fuse landing which reduces the need for H-taps.
- Front access for breakers and fuses, for ease of maintenance.
- Designed to accept “waterfall” installation techniques allowing rapid deployment.
- Access panels are lockable to prevent unauthorized access.
- Ground returns are paired with each distribution position for identification.
- All circuits packs front accessible for ease of inspection and routine maintenance.
- Audible alarm with Alarm Cut Off (ACO) to provide local notification.

Physical Specifications	
Height	84 in. (213.36 cm)
Width	31.38 in. (97.71 cm)
Depth	24 in. (60.96 cm)
Weight	350 lbs. (158.76 kg)



- Fully wired section of BDFB.



- 24 positions A&B side
- Front access BDFD breaker panel shown with breakers.

Type "TPS" fuses for 110-4203-F2 BDFB distribution panel.		Type "AM1" circuit breaker kits for 110-4203-F1 BDFB Distribution panel.		BDFB basic option list: Refer to drawing set J-110-4203 for monitor details.
AMP Rating	Part Number	AMP Rating	Part Number	
3	280-1413-00	5	274-3800-05	Series 10 Monitor 4203L-E1 Top Feed 4203L-E3 Bottom Feed
5	280-1414-00	10	274-3800-10	
6	280-1416-00	20	274-3800-20	
10	280-1419-00	30	274-3800-30	
15	280-1422-00	40	274-3800-40	
20	280-1425-00	50	274-3800-50	
25	280-1428-00	60	274-3800-60	
30	280-1431-00	70	274-3800-70	
40	280-1433-00	80	274-3800-80	
50	280-1436-00	100	274-3800-100	
60	280-1439-00			
70	280-1442-00			

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