Battery Distribution Circuit Breaker Bay

Dual 600A, 16 Positions per Feed, Compact 10 RU Size

Overview

Manage high-current power for up to 18 circuits per bus in just 10 RU with Telect's compact battery distribution frame.

A scalable design enables users to combine several frames in a new build for a complete BDF bay, or easily fit a single unit into an existing relay rack or cabinet layout.

Each frame handles up to 36 outputs (18 per side). Circuit breaker values range up to 100A per position. A modular architecture lets you pre-wire the panel at the time of installation and flexibly add circuit breakers as needed, effectively deferring up-front costs.

Advanced cable management enables rapid installation and optimal ease of use.

Applications

- Central office
- Co-locates
- Private networks
- CATV

Note: Panel does not include circuit breakers. See reverse page for circuit breaker ordering information.

Primary Benefits

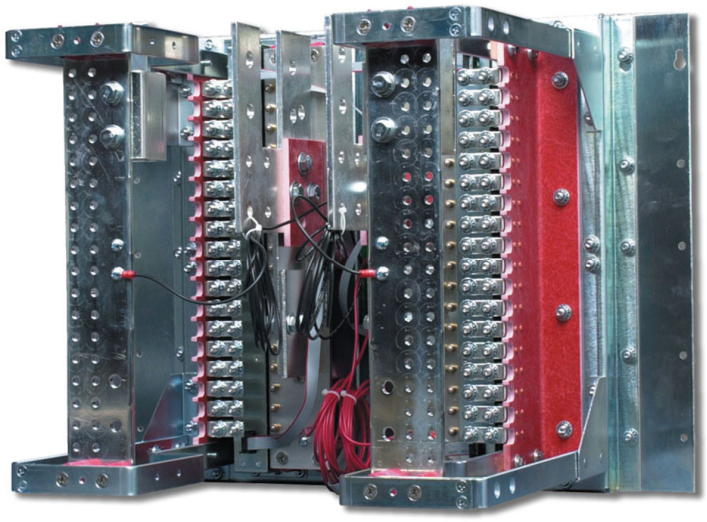
- 1200A Maximum distribution per panel (600A per side redundant)
- 36 outputs per panel; 18 per side
- Open architecture provides easy input/output cabling
- Standard "bullet terminal" circuit breakers
- Top-down or bottom-up cabling
- Suitable for primary or secondary distribution
- Fit 19" or 23" racks, EIA or WECO mounting
- Optional dual display digital metering panel enables circuit monitoring per panel in no additional rack space
- Additional options include shunt kits and protective rear safety cover

Ordering Information

Description	Part Number
Dual 600A mini BDCBB	007-0001-2600
Dual 600A mini BDCBB with meter panel	007-0001-2602
Digital metering panel	007-0003-0002
Clear safety cover	007-0000-0011
Shunt kit, 400A	007-0006-0400
Shunt kit, 600A	007-0006-0600



Front view



Rear view

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Specifications

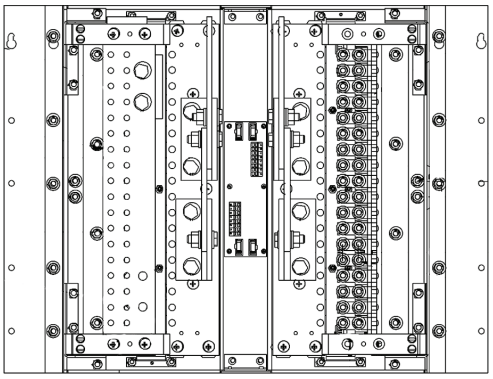
Electrical	
Nominal voltage	-48 VDC
Input rating	600A per bus
Max. input interrupt device	800A per feed
Max. output protection device	Up to 100A single-pole breaker
Power dissipation (full load)	90W per bus
Mechanical	
Dimensions	21.25" W x 17.5" H x 15.4" D 539.8 mm x 444.5 mm x 391.2 mm
Weight, without breakers	72 lbs. (32.7 kg)
Material	Cold-rolled steel
Finish	White, powder coat
Mounting	19" or 23", EIA/WECO
Environmental	
Temperature	-5° to 55° C
Humidity	0 to 90%, non-condensing
Connections	
Input terminals	Terminal plates with multiple pairs of 3/8" bolt holes on 1" centers
Output terminals	Dual 1/4"-20 studs on 3/4" centers
Chassis ground	2-hole compression lug, 1/4"-20 studs on 3/4" centers
Connections	
Alarm indicators	Power and breaker alarms
Alarm type	Form C
Alarm connector	Wire clamp
Relay contact ratings	0.6A at 48 VDC; 1A at 120 VAC
Test Jacks	
Voltage test jacks	2 test points per feed for standard 0.080" diameter probes
Current test jacks	2 test points per feed for standard 0.080" diameter probes (shunt option required)
Compliance	
Agency compliance	NEBS 3, UL

Additional accessories are available, including fastener kits, bus kits and shunt kits. See Telect.com for details.

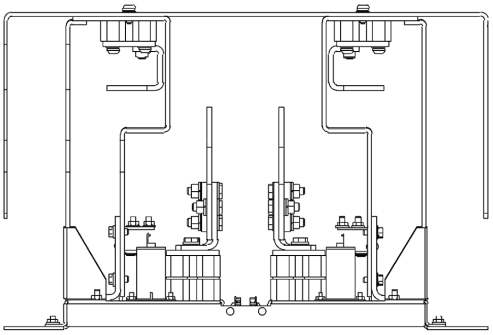
Circuit Breakers

	Part Number		Part Number
1A	090-0052-1001	30A	090-0052-1030
2A	090-0052-1002	40A	090-0052-1040
3A	090-0052-1003	50A	090-0052-1050
5A	090-0052-1005	60A	090-0052-1060
10A	090-0052-1010	70A	090-0052-1070
15A	090-0052-1015	80A	090-0052-1080
20A	090-0052-1020	90A	090-0052-1090
25A	090-0052-1025	100A	090-0052-1100

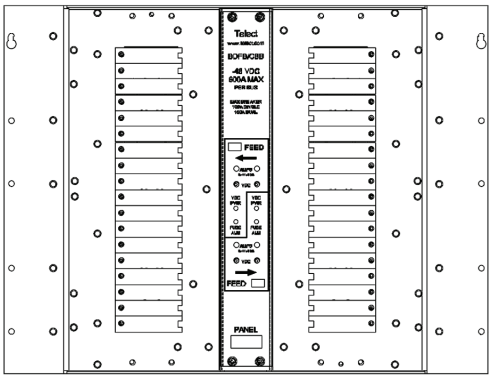
Rear view



Top view



Front view



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