

# 400 amp, $\pm 24/-48$ VDC Battery Distribution Breaker Panel

## Key Features

- **Single or Dual Loading**—group any combination of  $\pm 24$  volt or  $-48$  volts in 400 amp capacities
- **Circuit Breaker Protection**—Eleven breaker positions per feed. Available in current ratings of 1 amp to 100 amps, with either electrical and mechanical trip or electrical trip only alarms
- **Ground Bar**—included for load return connections
- **Clear Lexan® Rear Cover**—provides protection from exposed bus bars
- **Digital Metering**—monitors voltage and current draw on either input with a LCD display
- **Add-on Expansion Panel**—doubles the distribution capacity in only seven inches of rack space. Expansion distribution kit comes with eleven breaker positions per feed, isolated ground bar assembly, linking bus bars and mounting hardware
- **Efficient Design**—ideal for space conscious monitoring and distribution of two separate inputs

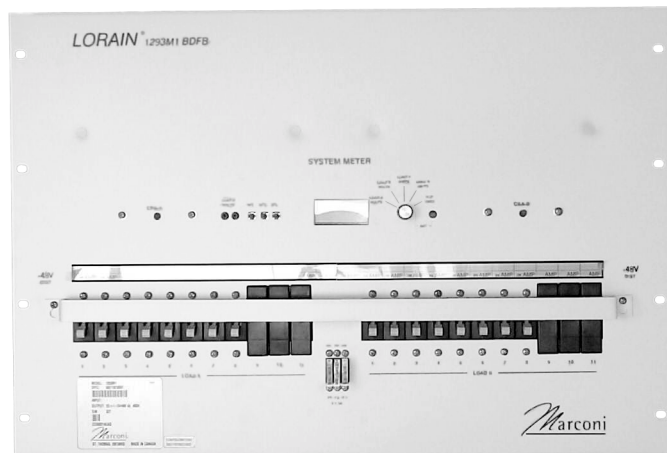
## Description

This Lorain® model 1293M1 Battery Distribution Breaker Panel (BDBP) is a compact dual input branch load distribution system, which can easily be configured for use with  $\pm 24$  or  $-48$  volt power systems, with up to 400 ampere capacities. Its compact, single panel design measures only 15.75" (9 RU) high and 23" wide, lending itself to a multitude of applications where rack space is limited. For new site installations, this panel can be mounted and wired in a 23" relay rack as a complete system.

Centered around integrated digital metering and individual alarming, the 1293M1 BDBP provides eleven distribution breaker positions for each input. The panel can be configured as a redundant (A and B feed) single voltage system or a dual voltage system. It is ideal for applications where battery and converter voltages need to be monitored and distributed from one central panel.

## Application

The compact design of the 1293M1 battery distribution breaker panel is ideal for small central office installations and CLEC Co-Locations that require cost effective distribution of DC power. The convenient expansion panel allows fast and easy addition of eleven more distribution circuit breakers per feed, providing a total of twenty-two distribution breakers per group to support system growth.

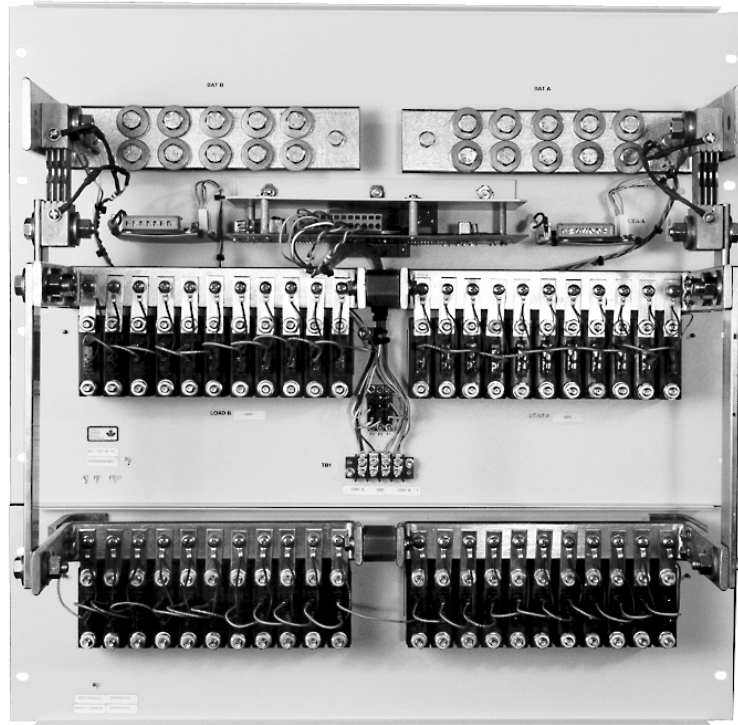


**Model 1293M1  
Battery Distribution Breaker Panel**

# 400 amp, $\pm 24/-48$ VDC Battery Distribution Breaker Panel

## Additional Information

For additional specifications and information, specify model 1293M1, spec. number 582118100 and form CF5438.



Rear View of BDBP (part number 58211810011) and Expansion Panel (part number 58211810010)



[www.marconi.com/power](http://www.marconi.com/power)  
Marconi Communications  
1122 F Street  
Lorain, OH 44052  
800-800-1280  
Fax: 440-246-4876

Lorain® is a trademark of Marconi Communications Inc.  
© 2000 Marconi Communications Inc.  
Printed in the USA. All rights reserved. Any unauthorized reproduction or transmission without the prior consent of Marconi Communications Inc. is prohibited.