

400 amp, $\pm 24/-48/130$ VDC Battery Distribution Fuse Bay

Key Features

- **Single or Dual Loading**—group any combination of ± 24 volt, 48 volt or 130 volt loads in 400 amp capacity
- **Relay Rack Construction**—fits 19" (48.26cm) or 23" (58.42cm) relay racks, enabling installation with related equipment for greater space utilization
- **Fuse Protection**—available in current ratings of 0-30, 31-60 and 61-100 amps
- **Circuit Breaker Protection**—available in current rating of 1-100 amps
- **Metering Option**—an optional digital volt/ammeter can be specified to monitor distribution activity.
- **Personnel Safety**—all contacts and bare bus bars have clear covers to shield workers

Description

The Lorain® model 1293M1 Battery Distribution Fuse Bay (BDFB) is a space efficient branch loading system which can be easily configured for ± 24 , -48 or 130 volt power systems with up to 400 amp capacities. The 1293M1 can be single or dual loaded to allow grouping of various volt loads in a single bay.

The compact design and modularity provide simplified, well-routed branch loading to supplemental loads from the main power system without long, complicated cable runs. Model 1293M1 installs quickly into a standard 19" (48.26cm) relay rack (adapters are available for 23" [58.42cm] rack mounting) with related equipment to save valuable rack and floor space. As a single 400 amp system, the 1293M1 uses 21" (53.34cm) of vertical rack space. It can also be configured as a dual, 400 amp system in only 10.5" (26.67cm) of vertical space. Installation can be further simplified with an optional BDFB installation kit which includes cable, input lugs and 750 MCM cable "H" tap connectors that reduce cable-routing congestion.

Application

The compact design and modular construction makes the 1293M1 battery distribution fuse bay ideal for small central office installations, CDO and customer premise applications requiring effective distribution and protection of power plants up to 400 amps capacity.

Additional Information

For additional specification, engineering and installation information, specify model 1293M1, spec. number 582112200.





www.marconi.com/power

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