

Primary Distribution Box 350A



AI Overview

A 350A primary distribution box is designed to safely manage high-current electrical loads, distributing power from a main source to multiple secondary circuits with integrated protection. Overview A 350A primary distribution box serves as a central hub for electrical power distribution in commercial, industrial, or network environments. It allows a main power feed of up to 350 amperes to be split into multiple secondary circuits, providing both safety and flexibility in power management. These boxes are engineered to handle high-load conditions while minimizing the risk of overloads or electrical faults. Key Features High-Capacity Circuit Breakers: Many units, such as the Merlin Gerin ML-1 series, include 3P 350A plastic case circuit breakers for primary protection, along with additional 160A breakers for secondary circuits, ensuring robust overload and short-circuit protection. Dual-Feed Capability: Panels like the Amphenol 350A dual-feed high-current panel allow isolated feeds for redundancy, supporting both primary and secondary distribution without requiring a full 600A load center. Flexible Configuration: Distribution boxes can accommodate various circuit breakers or fuse types, including TPS, TLS, and GMT fuses, allowing customization for different equipment loads. Material and Safety Standards: High-quality materials and compliance with UL, CSA, and NEC standards ensure safe operation and reliable performance. Applications Industrial and Commercial Installations: Ideal for factories, large office buildings, and commercial complexes where high-current distribution is required. Network and Data Centers: Dual-feed panels efficiently distribute power to servers, routers, and other network equipment, optimizing rack space and redundancy. Electrical Maintenance and Expansion: Modular designs allow easy integration of additional circuits and simplify troubleshooting and maintenance. Product Examples Merlin Gerin ML-1/1200800200: Features two 3P 350A breakers and three 160A breakers, suitable for commercial a...

Article Content

350A Dual-Feed High-Current Panel

Each of the 350A feeds are totally isolated, providing power to six high-current and five low-current positions. A replaceable alarm card contains power and alarm LEDs for sides A and B.

Power Distribution Blocks | Mersen

Providing the widest range of circuit protection products in the industry means that we offer solutions for everyone from OEMs and panel builders to MROs and electrical contractors either directly or via

350A Grade A Panel Enclosure

The 350A is a large, Grade A, attack-resistant enclosure that has a heavy 16-gauge rolled steel door, tamper switches, and an inside mounting bracket for

3 Pole 350A Power Distribution Blocks | Newark

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Mersen develops customized solutions and delivers key products to its clients in order to meet the new technological challenges shaping tomorrow's world.

Mersen MPDB66513 Power Distribution Block, Open Style, Copper, Box-Box

The Next Generation Power Distribution Block (PDB). Mersen power distribution blocks provide a safe and easy method of splicing cables, splitting primary power into secondary circuits and fulfilling

ILSCO PDB-22-350-3 ClearChoice Power Distribution Block 350 kcmil

Dual rated power distribution block manufactured from high strength 6061-T6 aluminum alloy. Depending on product selected, up to twelve taps can be taken from one or two mains.

MPDB67513 Power Distribution Blocks | Mersen

Mersen power distribution blocks provide a safe and easy method of splicing cables, splitting primary power into secondary circuits and fulfilling requirements for fixed

Power Distribution Block, 3 Pole, 2 Line 6 Load, 600V 350A CU / 600V ...

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Burndy BDBMCS2NA VERSIPOLE™, Power Distribution Block, Open

The VERSIPOLE™ Configurable Series 350A open style, 14 to 2/0 AWG power distribution blocks are used for splicing and distributing power from primary run (s) to secondary/branch circuits. Allow for

Distribution Boxes Explained: Types, Functions, and

Learn about distribution boxes, their types, functions, and safety features to ensure efficient and secure electrical power distribution in any building.

MPDB67512 Mersen Power Distribution Blocks

Offers a safe and easy way to splice cables, splitting primary power into secondary circuits and meeting requirements for fixed junction tap-off points! Our Mersen MPDB series are UL 1953 open-style

ILSCO PDB-26-350-3 ILSCO ClearChoice Power Distribution Block

IlSCO PDB-26-350-3 Description ILSCO ClearChoice Power Distribution Block, Type PDB Large Mechanical, 600 V AC, 620 A, 3 Pole, 2 Primary Connections/Pole, 6 Secondary Connection/Pole, 6

Mersen MPDB67513 Power Distribution Block, Open Style, Aluminum, Box ...

Mersen power distribution blocks provide a safe and easy method of splicing cables, splitting primary power into secondary circuits and fulfilling requirements for fixed junction tap-off points. Unless noted

350A Marine Bus Bar 12V Power Distribution Block 6 x 3/8 ...

350A Marine Bus Bar 12V Power Distribution Block 6 x 3/8", Battery Bus Bar, Marine Terminal Block, Terminal Studs Max 300V AC 48V DC Positive and Ground Busbar for Automotive Car Boat

Mersen MPDB67611 Power Distribution Block, Open Style, Aluminum, Box ...

The Next Generation Power Distribution Block (PDB). Mersen power distribution blocks provide a safe and easy method of splicing cables, splitting primary power into secondary circuits and fulfilling

Amphenol Network Solutions > HIGH CURRENT

Integrated GMT fuses provide additional flexibility, enabling a single compact panel to distribute power to both high-current and low-current equipment. Each of the 350A feeds are totally isolated, providing

Merlin Gerin ML-1 Series Complete Distribution Cabinet | 350A + 160A ...

Discover the Merlin Gerin ML-1 Series Distribution Cabinet with two 350A and three 160A circuit breakers. Perfect for industrial, commercial, and residential power distribution, offering reliable

Mersen MPDB67550 Power Distribution Block, 1000 Volts, 350 Amp

Mersen power distribution blocks provide a safe and easy method of splicing cables, splitting primary power into secondary circuits and fulfilling requirements for fixed junction tap-off points.

Mersen MPDB67462 Power Distribution Block, Open

The Next Generation Power Distribution Block (PDB). Mersen power distribution blocks provide a safe and easy method of splicing cables, splitting primary power

Contact Us

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