

Article Overview

The ATP-PWB Distribution Box is a modular power distribution enclosure designed for safe and organized electrical circuit management in racks and industrial setups.

Overview and Purpose

The ATP-PWB Distribution Box is used to segregate switches, circuit breakers, and sockets from other components to prevent interference and ensure safe operation . It serves as a central hub for distributing electrical power from a single input source to multiple circuits, making it essential for industrial, commercial, or modular electrical systems . The box provides a protected and organized environment for key components like circuit breakers, fuses, bus bars, and earthing rails.

Key Specifications

- o Module Capacity: Supports up to 22 modules (18 mm each) for circuit breakers or switches .
- o DIN Rail: Adjustable in depth by 15 mm for flexible mounting of components .
- o Earthing: Equipped with two earthing rails (10 x 8 mm) for proper grounding .
- o Dimensions: Length of 120 mm with 15 M5 connection points .
- o Cable Entry: Rear entrance measuring 400 x 35 mm, fitted with a cable brush for secure cable management .
- o Material and Finish: Constructed from 1.5 mm steel plate with RAL 7035 finish, ensuring durability and corrosion resistance .
- o Pack Quantity: Typically sold as a single unit .

Installation and Compatibility

The box can be mounted on 19" profiles exactly where required, making it suitable for rack-mounted systems . It is compatible with OEM equipment from brands like Rolfo(R), Kassbohrer(R), and Lohr(R), and Schneeblechler ensures that spare parts meet original specifications . Proper installation according to manufacturer instructions is critical to avoid malfunction, property damage, or safety hazards .

Safety and Features

- o Circuit Protection: Houses circuit breakers and fuses to prevent overloads and short circuits .
- o Residual Current Protection: Can accommodate RCCBs for enhanced safety .
- o Organized Power Distribution: Bus bars and neutral links provide structured electrical connections .
- o Optional Smart Features: Some models may include energy monitoring units or communication modules for real-time data and remote control .



ATP-PWB Distribution Box

Applications

The ATP-PWB Distribution Box is ideal for industrial automation, modular electrical systems, and decentralized power distribution. It ensures reliable power transmission, safe operation, and easy maintenance in environments requiring robust and flexible electrical infrastructure. In summary, the ATP-PWB Distribution Box is a durable, modular, and safe solution for managing multiple electrical circuits in industrial and commercial setups, offering flexibility, protection, and compatibility with various OEM systems.

Worldwide Distributors and Representatives of ATP Electronics for Industrial NAND Flash and DRAM Modules

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Product information for PWB-100 Series Complete Wall Box and Cover - White PWB-100-WHT

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Power Distribution Box, PWB This box segregates switches from other components to avoid negative interferences. It can be

The PWB is available in white or black and is suitable for painting or other finishing, matching any décor. It has a cable exit slot for

FSR PWB-200 Overview The white PWB-200 Plasma/Flat Panel Display Wall Box from FSR is a ready to install unit

Unless specified otherwise, the items offered are manufactured by Schneebichler or for Schneebichler

Description: For circuit breakers, switches or sockets installed in racks. Opening for up to 22 modules (18 mm). DIN

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ATP-PWB Distribution Box

Feature: Power distribution box to be installed at the front of 19" profiles. Advantage: The distribution box

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