

Distribution board





Overview

A distribution board (also known as panelboard, circuit breaker panel, breaker panel, electric panel, fuse box or DB box) is a component of an electricity supply system that divides an electrical power feed into subsidiary circuits while providing a protective fuse or circuit breaker for each circuit in a common enclosure. North American distribution boards are generally housed in enclosures, with the positioned in two columns operable from the front. Despite the adoption of a standard for mounting and a standard cut-out shape for seemingly interchangeable breakers, the positions of busbar. For reasons of and security, domestic circuit breaker panels and consumer units are normally located in out-of-the-way ,

This picture shows the interior of a typical distribution panel in the United Kingdom.



Distribution board



Different Types of Electrical Distribution Board

Learn about the different types of electrical distribution board, such as main breaker panel, main lug panel, subpanel, and fuse box, and their components, such as

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Distribution Boards: The Hub of Electrical Power

Distribution boards are the heart of electrical systems, ensuring safe, organised, and efficient power distribution. Whether for homes, offices, or large industrial

Distribution Boards

Learn about the vital components of a distribution board, such as circuit breakers, busbars, RCDs, and MCBs, and how they manage and distribute electrical power. Find out the importance, types, and tips



Learn the difference between a distribution board and a

Electrical systems appear complex, making it difficult to understand what the difference is between the switchboard and distribution board, and how each of



Complete Guide to Distribution Boards , Axiom Controls

Read a complete guide to distribution boards covering types, functions, selection criteria, and applications for residential, commercial, and industrial electrical



Distribution Boards

Distribution boards, often referred to as electrical panels or breaker boxes, serve as the nerve center of any electrical system. Here we explore the crucial parts of a distribution board and gain insights into





Distribution switchboards

Distribution switchboards, including the Main LV Switchboard (MLVS), are critical to the dependability of an electrical installation. They must comply with well-defined standards governing



What Is A Distribution Board and How Does It Work? , TOSUNlux

Learn about the importance of distribution boards in the electrical system of a building, their types uses, and safety tips for installation and maintenance.

Electrical Distribution Panel Guide: Types, Sizing & 600

From residential 100-amp panels to massive 600 amp main distribution panels in commercial facilities, this comprehensive guide will help you understand



Distribution Boards , Distribution Panels , RS

Distribution Boards A distribution board, also known as a panel board or consumer unit, is a vital component of any electrical system. Its primary role is to receive power from the main supply and



Guide to Distribution Boards: Working, Uses, and Types

Distribution boards, also known as breaker panels, electric panels, or fuse boxes, are an integral part of any electrical system. They play a crucial role in safely distributing electrical power to various circuits



10 Distribution Board Types Explained [February 2026]

There are many types of distribution boards, each made for different uses. Some are great for small homes, while others are built for big buildings or industrial use. In this article, we'll explain

What Is a Distribution Board? Functions & SPD Protection

A distribution board organizes and distributes incoming electrical power safely to subsidiary circuits, acting as the central point of control for the building's electrical system.



Distribution boards components

Distribution boards (generally only one in residential premises) usually include the meter (s) and in some cases (notably where the supply utilities impose a TT earthing system and/or tariff



TP8AHS/60 8 Way Ryefield Board, 60A Three Phase Distribution Board

TP8AHS/60 - Ryefield Three Phase Distribution Board for 8 x 100A Fuse Units The TP8AHS/60 is a reliable three-phase distribution board designed to accommodate 8 x 100A fuse units, offering 8



What's The Use Of A Power Distribution Board and

However, a power distribution board is installed alongside electrical wirings to ensure that the electricity is equally and consistently distributed throughout the

Distribution Boards

Kabeldon distribution boards are specifically designed for outdoor installations and they come as pre-assembled systems, ready to install. They combine the advantages of the flexible IP-system with



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