

A complete list of various series and models of electrical distribution boxes



AI Overview

Electrical distribution boxes come in a wide range of types and series, including Main Distribution Boards, Sub Distribution Boards, Meter Panels, Panel Fuse Banks, Unitized Panels, Transfer Switches, Consumer Units, and various low-voltage and withdrawable switchgear models.

Common Types of Distribution Boxes

- Main Distribution Board (MDB)** Primary control panel for an entire building or facility. Handles high-voltage, high-amperage supply and distributes to sub-distribution boards. Contains main incoming breaker, busbars, and outgoing feeders. Applications: large commercial buildings, industrial factories, high-rise residential complexes, and power plants.
- Sub Distribution Board (SDB)** Transfers electricity from MDB to specific locations like garages, parking lots, or residential areas. Provides easier control of multiple circuits.
- Meter Panel** Houses electrical meters to track power consumption. Includes primary switches, fuses, and circuits. Common in residential and industrial settings.
- Panel Fuse Bank** Contains multiple fuses for circuit protection. Used in industrial and commercial applications for overcurrent protection.
- Unitized Panel** Compact, pre-assembled distribution panel. Often used in modular installations or small-scale industrial setups.
- Transfer Switch** Allows switching between utility power and backup generators. Critical for hospitals, data centers, and emergency facilities.
- Consumer Unit** Residential distribution box with circuit breakers and RCDs. Provides protection and isolation for household circuits.
- Enclosed Switchgear** Industrial-grade distribution box with high fault current capacity. Can include low-voltage fixed or withdrawable switchgear.

Popular Series and Models

- Low-Voltage Fixed Switchgear**
- GGD Series:** High breaking capacity, stable performance, used in substations and power plants. Rated AC 50Hz, 380V.
- GDH Series:** Similar to...

Article Content

Electrical Distribution Panel Guide: Types, Sizing & 600 Amp Tips

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

Distribution Boxes Types - The Complete Guide

A commonly used distribution box contains doorbells, earth leakage devices, timers, or contact breakers. However, the distribution boxes have several sizes and designs suitable for

The Ultimate Guide to Distribution Box Types

In any electrical system, the distribution box is the heart and brain, a critical component that safely manages and distributes power from the main source to

EZGO Golf Cart Models

E-Z-GO is a well-known golf cart manufacturer with many models in gas and electric options. In this article, we will take you through the history and different models

Distribution Box Guide: Types, Components & Solutions

Distribution boxes are versatile and essential components in various electrical systems, providing safety, convenience, and efficiency. Their applications are widespread across different

12 types of distribution boxes and how to choose them

Key Factors in Choosing a Distribution Box Building Type and Size: Start with where it's going. For homes, a residential or flush-mounted box might suffice, but large spaces need sub

Ultimate Guide To Distribution Boxes Db Boxes Types

Introduction For procurement professionals, electrical contractors, and project managers, choosing the right Distribution Box (DB Box) is a critical decision that

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Complete Guide For Distribution Boxes Types

The correct choice and installation of distribution boxes are crucial for electrical safety, efficiency, and reliability. This guide provides an exhaustive overview of

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