

The distribution box is of specification AL

Article Overview

The "AL" specification denotes a standard type of distribution box used for general electrical distribution purposes.

Meaning of AL Specification

In distribution box coding, AL refers to a distribution box designed for general power distribution applications . This coding system is commonly used by designers and manufacturers to categorize boxes based on their function, installation type, and position within a building or electrical system. For example, AL boxes are typically used for standard distribution of electrical circuits, whereas other codes like AP indicate power distribution boxes and KX indicates control boxes .

Typical Features

- o Material: AL distribution boxes can be made from metal or flame-retardant plastic, depending on the manufacturer and application .
- o Installation: They can be surface-mounted or flush-mounted, allowing flexibility in building design .
- o Protection: These boxes often include protective devices, DIN rails for mounting circuit breakers, and terminal strips for neutral and earth connections .
- o Phase Busbars: In larger AL boxes, busbars and droppers may be made of aluminum, with proper insulation and phase coding for safety .

Applications

- o Residential and commercial buildings: For distributing electrical circuits to different flats or rooms.
- o Industrial sites: As part of low-voltage power distribution systems.
- o Positioning: AL boxes can be labeled with codes indicating their floor and position, e.g., 1AL1b for a Type B distribution box on the first floor .

Summary

The AL specification identifies a general-purpose distribution box suitable for standard electrical distribution, offering flexibility in installation, material choice, and safety features. It is part of a broader coding system that helps engineers and electricians select the appropriate box for specific applications .

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Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

GSDB-4030 400x300x190 3 Phase Service Connection Distribution Box/ ABC Distribution Box 11.

A distribution box is the heart of any electrical system. It takes the incoming power and safely distributes it to different

UN markings tell you everything about your packaging Every compliant dangerous goods hazmat shipment starts with a UN

The box pictured top-right is a " Wylex standard" fitted with rewirable fuses. These boxes can also be fitted with cartridge fuses or

Technical Specification for Distribution Box (DB)- Accessory for LT AB Cables 1. SCOPE 1.1 This Distribution Box (DB) should be

A distribution box (DB box) is a key part of electrical wiring, acting as a central hub where

DRAFT SPECIFICATION FOR L. T. DISTRIBUTION BOX OF DISTRIBUTION TRANSFORMER (DTR) OF DIFFERENT RATINGS

The fiber distribution box, a crucial component in optical fiber networks, serves a dual purpose of managing and

It is generally constructed as a low-voltage distribution box according to electrical wiring requirements, assembling switchgear,

Complete specification guide for outdoor electrical distribution boxes covering NEC Article 312 requirements, NEMA

Understand distribution boxes (DB boxes) in 5 minutes. Learn about types, components, functions, and uses. Find

The various indexes of the boards of distribution boxes or distribution cabinets must meet the relevant requirements of the state. All

What to Look for When Choosing a Distribution Box If you're going to buy a distribution box, there are several things

This specification covers the design, manufacture, testing at works, and supply of Distribution Boxes made

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The distribution box (DB box) helps safely and efficiently distribute electrical power. Today, electrical systems are

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