

Article Overview

15-18 position distribution boxes are compact, modular electrical enclosures designed for safe and efficient power distribution, typically featuring IP65 protection, DIN rail compatibility, and flexible cable entry options.

General Features

- o Number of Positions/Ways: Typically 15, 16, 17, or 18 ways, accommodating MCBs, RCCBs, switches, and other modular components .
- o Construction Material: Durable alloy or high-quality plastic front covers for impact resistance and long-term durability .
- o Mounting Options: Surface mountable with flexible side or rear mounting options; modular design allows easy assembly, disassembly, and transport .
- o Protection Rating: IP65 or IP67, providing dust-tight and water-resistant protection suitable for industrial and commercial environments .
- o Cable Entry: Knock-out cable entries on top, bottom, or rear; supports standard cable lengths from 1 m to 10 m depending on configuration .
- o Internal Features: DIN rail for easy installation of circuit breakers and other modular devices; integrated LEDs in some passive boxes for troubleshooting .
- o Space Efficiency: Compact design with optimized internal layout to save space and reduce the number of terminal blocks required .

Dimensions and Layout

- o Horizontal Layout: Many 18-way boxes feature a single horizontal row for uniform component placement .
- o Internal Wiring Space: Sufficient room for wiring and cable management, allowing easy installation and maintenance .
- o Modular Components: Some boxes allow modular expansion or replacement of components without affecting other circuits .

Applications

- o Industrial and Commercial: Power distribution in factories, workshops, and commercial buildings .
- o Automation Systems: Connecting sensors, actuators, and control devices efficiently to the control cabinet .
- o Safety and Reliability: Fully potted or shrouded busbars and terminals reduce risk of short circuits and hot spots .

Summary

15-18 position distribution boxes provide a robust, flexible, and safe solution for electrical distribution. They combine modular design, IP65/IP67 protection, DIN rail compatibility, and space-saving layouts, making them suitable for a wide range of industrial, commercial, and automation applications .

The distribution blocks and device terminal blocks come ready to connect and are available in different cross-sections, numbers of

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

In flammable and explosive environments, explosion-proof distribution boxes should be selected and explosion-proof

Description Distribution boxes are a great way to increase flexibility and cut costs. They lower your labor costs by reducing

Polycarbonate boxes are available with a smooth surface (one single entry) or with multiple metric cutouts. xes are available with a

The document provides specifications for low voltage distribution boxes used with distribution transformers of various ratings. Key

Steel Enclosure to BS EN 61439-3 Supplied factory fitted with switch disconnecter and/or RCD, specification as table. Unit comes

Phase distribution blocks (PDB) and sub-distribution blocks for potential distribution Clamping blocks and power distribution blocks

There are many specifications and models of Distribution box. The following are some

Fully customizable rent just for the overall dimensions. The Cube boxes are molded in black insulating thermoplastic material, very

Distribution boxes, also known as electrical distribution boards or panels, are pivotal components in electrical systems, ensuring the

The forms of separation defined by IEC 61439-2 standard are the barriers to be put in place in distribution assemblies to ensure

Distribution is an essential function for the electrical panels, as well as for control and circuit protection. As well as purely technical

This document provides specifications for various distribution boxes including dimensions, mounting sizes, and number of ways. It

We provide you with information on our distribution boxes for download. Download our product catalog for

The Diamond Mark of Quality (also referred to as D-Mark) is a voluntary product certification scheme operated by Kenya Bureau of

Web: <https://www.morwarreconst.co.za>

