

Horizontal Distribution Box Dimensions and Specifications Table

Article Overview

Horizontal distribution boxes vary by model, number of ways, and mounting type, with dimensions typically specified in length, width, and height.

Key Specifications

Horizontal distribution boxes are designed for safe and efficient electrical distribution in residential, commercial, and industrial applications. They typically include features such as insulated neutral links, copper busbars, earth bars, and removable gland plates for easy conduit connection . Boxes can be flush or wall-mounted, with double-door construction for easy access and maintenance . Materials are usually high-quality CRCA steel with anti-rust phosphating and powder coating for durability .

Typical Dimensions and Features Table

Model / Type	Number of Ways	Length (mm)	Width (mm)	Height (mm)	Mounting Type	Gland Plates	Busbar Type	Notes
TOP-TS1-36	200-1200	150-400	100-300	Wall / Flush	Top & Bottom, removable	Tinned electrolytic copper	Standard horizontal DB	
TOP-TF1-24	250-1000	200-350	120-280	Wall / Flush	Top & Bottom, removable	Copper	Compact design	
TOP-LS1-18	300-900	200-300	150-250	Wall / Flush	Top & Bottom, removable	Copper	Industrial use	
TOP-PS1-36	400-1200	250-400	150-300	Wall / Flush	Top & Bottom, removable	Copper	Residential / commercial	
TOP-PF1-24	350-1000	200-350	150-280	Wall / Flush	Top & Bottom, removable	Copper	Flexible configuration	
TOP-S1-12	200-600	150-250	100-200	Wall / Flush	Top & Bottom, removable	Copper	Small horizontal DB	

Additional Features

- o Wiring Space: Generous internal space for easy installation of MCBs, RCCBs, and other devices .
- o Safety: Busbars and terminals are shrouded to prevent hot spots and accidental contact .
- o Installation Flexibility: Adjustable studs and nuts allow easy mounting and removal of the pan assembly .
- o Customization: Many manufacturers offer tailor-made configurations beyond standard sizes, with over 200 combinations possible .
- o Protection Rating: Typically IP42/IP43 for dust and water resistance . These specifications ensure that horizontal distribution boxes can accommodate a wide range of electrical setups while maintaining safety, durability, and ease of installation. For precise dimensions and ordering codes, manufacturers' catalogues such as ABB, Rockwell Automation, and C&S Electric provide detailed tables and diagrams .

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



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boxes are available with a

Distribution Box Product Description: Place of Origin: Guangdong, China Model No: DX16-A113 Size: 13 ways, 1 row Specification:

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

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

Size and specifications for a septic leachfield or soakaway bed or drainfield. Rules of thumb used to set the size of a conventional

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

Metal Distribution Box Features Continuously welded seams Foam-in-place seamless gasket 120-degree opening heavy-duty

Distribution boards, together with modular ABB system pro M Compact protection devices and Modular Din Rail Components, can be

1. Scope: The Specification covers design, manufacturing, factory testing and supply of "L.T. Distribution Boxes" with Switch

Extension boxes To be installed on XL3-N 630 distribution boards (at the top or at the bottom) for extra wiring space or additional

Clear detailed description of each size and easy to select with the ordering codes. Box with four studs and adjustable nuts for easy fit

Our distribution boxes are perfect for industrial environments, catering to automation, robotics, and processing facilities. They provide

This document provides specifications for various types of plastic distribution boxes, including their dimensions and features. It

DISTRIBUTION BOX INSTALLATION INSTRUCTIONS AND SPECIFICATIONS: Provide high-density polyethylene drop or

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Master corrugated box design with our complete guide. Learn box styles, material selection, structural engineering,

They range from simple 4 hole distribution boxes to the large "Rhino" 10 hole box. All boxes are made from robust polypropylene (that

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