Standard Table of Process Distribution Box Dimensions



Overview

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

Key Takeaways

Distribution boxes come in standardized dimensions based on type, material, and number of ways, with typical lengths ranging from 100–415 mm, widths from 105–428 mm, and heights from 60–140 mm.

Plastic Distribution Boxes

Plastic distribution boxes, commonly made of flame-resistant ABS, are widely used for modular AC circuits (220V/380V) and comply with standards like BS EN60439-3 and JB/T7121-93. Typical dimensions for MB-AF series boxes are: Type / WaysHeight (H1/H2/H3 mm)Length (L mm)Width (W/W1 mm)MB-AF 6 ways60 / 74 / 99. 5185141 / 130MB-AF 8 ways60 / 74 / 99.

5230175 / 165. 2MB-AF 12 ways60 / 74 / 99. 5308209 / 200.

2MB-AF 16 ways59 / 73 / 103233290 / 279. 2MB-AF 24 ways59 / 73 / 103314344 / 333. 2MB-AF 36 ways59 / 73 / 103314410 / 428.

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7Other series like MB-ABC, MB-AS, and MB-LF have lengths from 200–328 mm, widths 172–174 mm, and heights 95 mm. Metal / Outdoor Distribution BoxesFor outdoor or industrial applications, metal distribution boxes are typically fabricated from 2 mm GI sheet steel with reinforced channels, slanted roofs, and IP-55 protection. Dimensions are generally customizable, but standard tolerances allow ±10% over the specified size.

These boxes accommodate bus bars, MCCBs, and cable glands, with provisions for earthing and secure locking systems. Industrial Connector Distribution BoxesIndustrial-grade boxes, such as Amphenol LTW series, are designed for M8/M12 connectors and automation systems. They offer IP67 protection, vibration resistance, and pre-wired configurations.

Standard lengths for cable runs are 1M, 2M, 3M, 4M, 5M, and 10M, with customization available upon request.

Key Considerations

Material: Plastic (ABS) for indoor modular use; GI steel for outdoor/industrial use. Protection Rating: IP55 for outdoor metal boxes; IP67 for industrial connector boxes. Number of Ways: Ranges from 1-way to 36-ways depending on series.

Mounting: Provision for wall or panel mounting, with reinforced channels for stability. Customization: Many manufacturers allow custom dimensions, cable lengths, and pre-wiring options. These tables and specifications provide a comprehensive reference for selecting distribution boxes based on application, number of ways, and environmental requirements.

Article Content

Distribution box | PDF

This document provides specifications for various types of plastic distribution boxes, including their dimensions and features. It describes HA, HK, and LGD series boxes with dimensions ranging from

Distribution box catalogue | PDF

This document provides specifications for various distribution boxes including dimensions, mounting sizes, and number of ways. It includes specifications for TOP-TS, TOP-TF, TOP-LS, TOP-PS, TOP

Distribution Box

Metal Distribution Box Features Continuously welded seams Foam-in-place seamless gasket 120-degree opening heavy-duty industrial hinges IP66 protection rating against dust and water according

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L.T. Distribution Box Specification | PDF | Fuse (Electrical)

Technical Specification of L.T Distribution Kiosk.pdf - Free download as PDF File (.pdf), Text File (.txt) or read online for free. The document provides specifications for low voltage distribution boxes used

Distribution Box

Our distribution boxes are perfect for industrial environments, catering to automation, robotics, and processing facilities. They provide cost-effective solutions through automated dispensing and

TECHNICAL SPECIFICATION FOR LT DISTRIBUTION BOX

General Technical Particulars for LT Distribution Boxes : - The L.T. Distribution Boxes should be of the dimensions as per the drawing & details in the table furnished.

Distribution Boxes

They range from simple 4 hole distribution boxes to the large ''Rhino'' 10 hole box. All boxes are made from robust polypropylene (that will never rust) and are supplied with seals, and lockable green

Standard Box Sizes: Size Charts & Dimensions

The right box for your product depends on its dimensions, its fragility, your distribution channel, and the carrier you use. Use the size charts above as your starting point, measure against

Distribution | Legrand E-catalog International

Aluminium Copper Distribution box - 300 mm² - 540 A max. Residential and small commercial panels | Distribution | !

TECHNICAL SPECIFICATION I.R.O. 63,100,160 & 315 KVA

For temperature rise test, a distribution box with all assembly of Isolator / Porcelain cutouts shall be kept in an enclosure such that the temperature outside the box shall be maintained at 50 ° C.

Reliable Standard Distribution Box Drawing Essential Free Download

Download your powerful Standard Distribution Box drawing today, exclusively from MechStream, and streamline your entire electrical planning process. Key Features: Universal DIN

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TECHNICAL SPECIFICATION I.R.O. 63,100,160 & 315 KVA

8.1 The Box & Doors shall be made up of CRCA MS sheet of 2mm thickness. 8.2 The manufacturing process of Box shall be Deep Drawn process. ding of corners and slope on Top shall be as shown in

Final_product_book_12_curve

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

XL -N 630 3-phase distribution boards XL -N 630 3-phase ...

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

Electrical Box Dimensions Manufacture

Electrical Box Dimensions Contact us today for quotes, OEM service, or technical support. We respond quickly and support small, medium, and large orders.

Standard Box Sizes: Size Charts & Dimensions

Find standard box sizes for shipping, retail, and moving. Includes size charts in inches & cm, carrier limits, and a free box size calculator.

Customization of a complete distribution box

Learn the step-by-step process of customizing complete distribution boxes tailored to your needs. From requirement confirmation to design,

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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