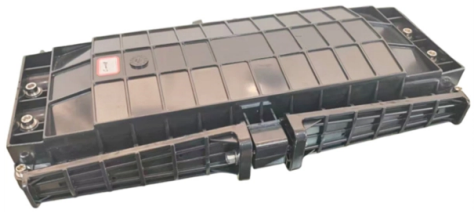
Distribution Box Equipment Dimension Specifications Table



Overview

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

Key Takeaways

Distribution boxes vary in dimensions, mounting sizes, and number of ways, with specifications depending on type, material, and protection rating.

General Specifications

Material: Typically fabricated from 2 mm GI sheet steel for outdoor LT distribution boxes, with reinforced body and slanted roof for water runoff. Industrial boxes may use UL-compliant plastics or metals for IP67-rated protection. Protection Rating: Commonly IP55 for outdoor LT boxes and IP67 for industrial automation boxes.

Locking & Hinges: Godrej-type 3-position locking system with concealed hinges; manual locking provisions are galvanized to prevent rust. Earthing: Two solid earthing points on either side of the box. Cable Entry: Heavy-duty, double compression cable glands for incoming and outgoing cables; detachable plates for fixing cable glands.

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Bus Bars & MCCBs: Copper flat bus bars (e.g., 25x4 mm) with insulation tubing; provision for 4-pole MCCB and outgoing feeders with 2- or 3-pole MCCBs. Dimension Specifications Table (Illustrative)Distribution Box TypeNumber of WaysLength (mm)Width (mm)Height (mm)Mounting SizeTOP-TS1–12200–600150–400100–300Standard DIN/Wall Mount TOP-TF1–18250–700200–450120–350Standard DIN/Wall Mount TOP-LS1–24300–800250–500150–400Standard DIN/Wall Mount TOP-PS1–30350–900300–550180–450Standard DIN/Wall Mount TOP-PF1–36400–1000350–600200–500Standard DIN/Wall Mount TOP-S1–36450–1100400–650220–550Standard DIN/Wall Mount Notes: Dimensions are illustrative; tolerances of ±10% may apply.

Standard cable lengths for pre-wired boxes range from 1 m to 10 m, with options for customization. Boxes may include LED indicators for power and function, and support M8, M12, or M16 connectors for industrial applications.

Additional Features

Environmental Resistance: IP67-rated boxes are oil-resistant, vibration-resistant, and suitable for harsh industrial environments. Customization: Labels, coding, pre-wiring, and high-flex cables are available for automation and robotics applications. Testing & Certification: Outdoor LT boxes require type-test certificates for IP protection, impulse, and short-circuit tests from CPRI or government-approved labs.

This table and specifications provide a comprehensive overview for selecting distribution boxes based on size, capacity, protection, and application requirements.

Article Content

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

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. approved clearances and technical

Distribution Boxes Technical Data

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Summary of ChangesFour-pin, One Signal per Port Cable Connector Distribution BoxCable ConnectorWiringCable ConnectorFour-pin, One Signal per Port Cable with Terminal Block Connector Distribution BoxMechanicalProduct SelectionCableMechanical(1.3) Additional ResourcesRockwell Automation SupportThis publication contains the following new or updated information. This list includes substantive updates only and is not intended to reflect all changes.See more on literature.rockwellautomation SlideShare

Distribution box | PDF - SlideShare

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 Specifications & IEC Protection Standards

Evaluate distribution box parameters, bus bar configurations, and overcurrent protection requirements for industrial compliance.

Distribution Boards & Consumer Units

Clear detailed description of each size and easy to select with the ordering codes. Box with four studs and adjustable nuts for easy fit / easy remove of pan assembly. Generous wiring space. Easy fit of

DISTRIBUTION BOX

Technical Specification for Distribution Box (DB)- Accessory for LT AB Cables 1. SCOPE 1.1 This Distribution Box (DB) should be made up of Weather & Moisture Proof Outer box with Spring loaded

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

Distribution Box and Selection Guide: Internal Structure, Components ...

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars, earth bars, RCDs, RCBOs, SPDs, enclosure ratings, and wiring layout.

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

The equipment to be supplied against this specification shall be suitable for satisfactory continuous operation under the tropical conditions as specified by employer which is as hereunder;

TECHNICAL SPECIFICATIONS FOR A. C. DISTRIBUTION BOARD

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SCOPE: This specification covers the design, manufacturing, testing at works and supply of Indoor type A.C. Distribution Boards for power supply to yard lighting, Battery charger, 33 kV substation

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

MNS® Low Voltage Distribution Board and Power Cabinet

Technical Info — From the sub distribution to factory power supply, from the general industry to the marine, nuclear power plant, MNS® power distribution box can provide high security, high reliability

SELECT YOUR DISTRIBUTIONSYSTEM

Distribution is an essential function for the electrical panels, as well as for control and circuit protection. As well as purely technical factors (intensity, number of outputs, etc.), the choice of a distribution

CATALOGUE Distribution Board Formula Version

Formula Version ABB''s series of standard distribution boards have been designed to make it easy for you to achieve cost-effective and safe electrical installations in apartments, single-family house,

DRAFT SPECIFICATION FOR L. T. DISTRIBUTION BOX OF

DRAFT SPECIFICATION FOR L. T. DISTRIBUTION BOX OF DISTRIBUTION TRANSFORMER (DTR) OF DIFFERENT RATINGS WITH INCOMING PORCELAIN REWIREABLE FUSE UNIT AND

Panelboards

Choices to quickly change feeder breakers in electrical distribution equipment have evolved over the years. While using drawout switchgear with power air circuit breakers remains a highly reliable

Electrical Distribution Box Design Guide

The document provides details for designing the electrical distribution box and circuits for a residence. It includes specifications for the main circuit breaker such as size, type, and tripping capacity. It also

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.

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

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