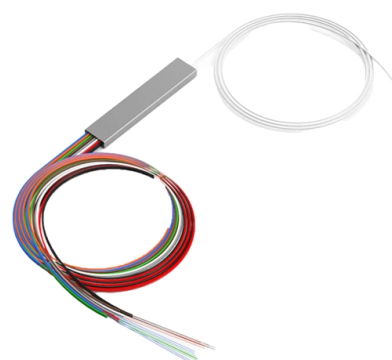


Distribution Box Specification Details Table



Article Overview

Distribution boxes are specified by type, material, dimensions, protection rating, mounting, and internal components to ensure safe and reliable low-voltage power distribution.

Key Specifications

1. Material and Construction

- Metal Boxes: High-strength Q195 cold-rolled steel, full metal construction for durability, corrosion resistance, and mechanical strength. Anti-rust treatment applied for long-term use .
- Plastic Boxes: Suitable for residential areas, supporting surface-mounted or flush-mounted installation, compliant with IEC 60439-3 .
- Outdoor Boxes: Fabricated from 2 mm GI sheet steel with reinforced channels, slanting roof with overhang, and Godrej-type 3-position locking system for security .

2. Protection and Safety

- IP Ratings: Indoor metal boxes typically IP30; outdoor LT distribution boxes IP55 for dust and water protection .
- Earthing: Solid earthing points on either side for safety .
- Internal Barriers: Metallic or heat-resistant insulating barriers between MCCBs to prevent overheating .

3. Dimensions and Capacity

- Ways: Distribution boxes range from 1-way to 36-ways depending on model (TOP-TS, TOP-TF, TOP-LS, TOP-PS, TOP-PF, TOP-S), ...

Article Content

Jan 17, 2026

Distribution Boxes Technical Data

DC Micro Style Distribution Boxes Four-pin, One Signal per Port Cable Connector
Distribution Box Eight-port DC Micro Distribution

Jun 07, 2026

Distribution Box Specifications & IEC Protection Standards

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

Jun 10, 2026

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

Jul 11, 2026

Distribution Boxes Technical Data

Wiring diagram shows both PNP and NPN wiring. Actual units use PNP status indicator, NPN status indicator, or neither. Dimensions

Feb 22, 2026

DRAFT SPECIFICATION FOR L. T. DISTRIBUTION BOX OF

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

May 16, 2026

Distribution box catalogue | PDF

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

May 11, 2026

Electrical Distribution Box Design Guide

The document provides details for designing the electrical distribution box and circuits for a residence. It includes specifications for

Aug 31, 2025

TECHNICAL SPECIFICATION FOR DISTRIBUTION BOARDS

TECHNICAL SPECIFICATION FOR DISTRIBUTION BOARDS & LIGHTING PANELS SPECIFICATION NO. PE-TS-434-558-E002

Sep 03, 2025

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

3. SYSTEM DETAILS: Distribution Boxes are meant for control and protection of Distribution Transformers with relevant parameters

Aug 07, 2025

Distribution Box Guide: Types, Components & Solutions

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

Feb 01, 2026

Final Distribution Boards Specification

This document outlines specifications for final distribution boards. It covers general requirements, applicable standards, site

Apr 25, 2026

Distribution Boards & Consumer Units

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

Jan 23, 2026

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

Mar 09, 2026

Distribution Boxes Types - The Complete Guide

The power distribution boxes deliver electricity from the main electrical main to other circuits. Several distribution boxes

Dec 12, 2025

Distribution Box

Amphenol LTW's distribution boxes facilitate efficient cable management, easy installation with pre-wired configuration, and provides

Jul 09, 2026

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

Oct 06, 2025

DISTRIBUTION BOX

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

Aug 08, 2025

ABB Consumer Units & Distribution Boards | PDF

This document provides information on ABB's consumer units and distribution boards, including ordering details. It describes various

Nov 29, 2025

Distribution Box – Astryd Power Pvt. Ltd.

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

Jun 11, 2026

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,

Nov 10, 2025

Distribution Box

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

Aug 09, 2025

Short form catalogue Sub distribution Panel boards, distribution ...

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

Dec 06, 2025

Distribution box | PDF

This document provides specifications for various types of plastic distribution boxes, including their

Sep 28, 2025

Distribution Box Specs

It performs well in wet locations with the water-proof rating of IP66. With the maximum carrying capacity of 6000W, it can be applied

Feb 08, 2026

Technical Specifications for Outdoor LT Distribution boxes with ...

Scope: The scope of this specification covers Weather / Vermin proof LT distribution boxes (LTD) with controllers, MCCB, MCB, Bus

Feb 02, 2026

Complete Guide For Distribution Boxes Types

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

May 14, 2026

Electrical Distribution Box Diagrams

This document provides a list of components in an electrical distribution box with their names and associated wiring diagrams. It

Apr 15, 2026

TECHNICAL SPECIFICATION FOR LT DISTRIBUTION BOX

VOL-II(TS) E12-IX- LT DB Page-6 of 9 General Technical Particulars for LT Distribution Boxes : - 1) The L.T. Distribution Boxes

Jul 23, 2026

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,

Jan 17, 2026

L.T. Distribution Box Specification

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

Contact Us

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