

Distribution Box System Dimensions and Specifications Table



AI Overview

Distribution boxes vary by type, number of ways, dimensions, material, and protection rating, with specifications tailored for industrial and outdoor applications.

Overview of Distribution Box Types

Distribution boxes are designed to centralize electrical or data connections, providing protection, organization, and easy maintenance. Common types include TOP-TS, TOP-TF, TOP-LS, TOP-PS, TOP-PF, and TOP-S, ranging from 1-way to 36-ways . They are used in industrial, automation, and processing environments, with options for indoor and outdoor installation .

Typical Specifications

Feature	Specification
Material	2 mm GI sheet steel (outdoor) or UL-compliant plastics (industrial)
Protection Rating	IP55 (outdoor), IP67 (industrial, dust/water resistant)
Dimensions (L x W x H)	Varies by type: 65 x 65 mm up to 361 x 254 mm; height depends on cover type
Number of Ways	1-way to 36-ways
Cable Entry	Bottom entry with heavy-duty, double compression cable glands; standard cable lengths: 1M, 2M, 3M, 4M, 5M, 10M
Bus Bars	Copper flat 25x4 mm with insulation tubing or phase-colored paint; provision for 1 bus bar with 4-pole MCCB and outgoing feeders
Locking System	Godrej 3-position locking system; optional manual lock; concealed hinges for security
Earthing	Two solid earthing points on either side
Indicators	Optional LED indicators for power and function (industrial boxes),
Mounting	Wall-mounted or panel-mounted; mounting sizes vary by box type
Environmental Resistance	Oil-resistant, v...

Article Content

Sep 28, 2025

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

Apr 06, 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 26, 2025

CATALOGUE General purpose enclosures Heavy duty and industrial

ket of low voltage electric insulating switchboards and industrial boxes. No matter how ha sh the environment is, there is always a

Feb 08, 2026

Distribution Box

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

Feb 09, 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 27, 2025

Distribution box | PDF

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

May 23, 2026

Distribution box catalogue | PDF

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

May 20, 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

Jul 03, 2026

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

Jan 20, 2026

DISTRIBUTION BOARDS CATALOG

A dedicated and innovative cable management system allows for easy routing and maintenance of Wires, and helps in reducing

Mar 12, 2026

Distribution Box Specifications And Models

The above are only some common distribution box specifications and features. When

Dec 15, 2025

L.T. Distribution Box Specification

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

Jan 16, 2026

PowerPoint Presentation

We can also design & supply distribution boards to any non standard requirements. Please contact our sales/design department

Apr 24, 2026

TECHNICAL SPECIFICATIONS FOR A. C. DISTRIBUTION BOARD

SCOPE: This specification covers the design, manufacturing, testing at works and supply of Indoor type A.C. Distribution Boards for

Mar 15, 2026

Distribution Boxes Technical Data

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars,

Jun 08, 2026

02_Distribution_boards2005

Empty Distribution Boards for Individual Customer Applications – To permit even more flexible use of our distribution board cabinets,

Nov 24, 2025

The Technical Specifications for Fiber Distribution Boxes

The fiber distribution box, a crucial component in optical fiber networks, serves a dual purpose of managing and

Nov 15, 2025

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

Sep 17, 2025

Distribution Boards

Safety Mirage system guarantees the highest level of safety and functionality combined with high product quality Easiness Mirage

Sep 06, 2025

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

Dec 27, 2025

Distribution Box Specifications & IEC Protection Standards

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

Dec 24, 2025

Complete Guide For Distribution Boxes Types

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

Aug 17, 2025

Distribution Box

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

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town, 7441, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

