

Dimensions and Specifications of Integrated Distribution Box Shell



Article Overview

Integrated distribution box shells typically follow modular standards with dimensions based on the number of modules, DIN rail compatibility, and IP rating requirements.

Typical Dimensions and Module Capacities

Integrated distribution boxes are designed to house circuit breakers and other electrical components in a compact, standardized enclosure. Common module capacities include 4, 6, 8, 12, 18, 24, 36, and 54 modules, with each module generally occupying a width of 18mm on a standard TH35 DIN rail . The height and depth of the shell vary depending on the number of rows and whether the box is intended for indoor or outdoor use, but typical dimensions for indoor steel boxes are around 300–600 mm in height, 200–400 mm in width, and 100–200 mm in depth . Plastic enclosures for outdoor use often follow similar modular widths but may have reinforced walls for IP65–IP67 protection .

Structural Features

- Material: Steel (1.2 mm cold-rolled) for indoor boxes or high-impact polycarbonate/ABS for outdoor waterproof boxes .
- DIN Rail Compatibility: Standard 35mm TH rails for mounting MCBs and other modular devices .
- Mounting: Flush or wall-mounted, with integrated mounting rails and reinforced frames to prevent warping under temperature fluctuations

Article Content

Sep 05, 2025

Distribution Box

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

Aug 14, 2025

Distribution Box

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

Apr 01, 2026

DB4 series waterproof distribution box

Download DB4 series waterproof distribution box datasheet, manual, and related Final Distribution Box product catalogs from CHINT

Sep 24, 2025

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,

Jul 03, 2026

Distribution box catalogue | PDF

It includes specifications for TOP-TS, TOP-TF, TOP-LS, TOP-PS, TOP-PF, and TOP-S distribution boxes that range from 1-way to

Sep 05, 2025

Distribution Boxes Technical Data

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

May 30, 2026

Configure surface-mounted distribution box now | Boxexperts

Configure fuse and distribution box surface-mounted individually In addition to the high quality, the modern designs and the

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Fiber Distribution Box Datasheet | PDF | Optical Fiber ...

The document provides specifications for various fiber distribution boxes (FDBs) suitable for FTTH and PON cabling systems. It

May 24, 2026

IP65 ABS Distribution Protection Box,12 Way Waterproof Circuit

Reduce repetitive work from subtle points, improve work efficiency, and maintain daily safety inspections of power distribution motors

Apr 11, 2026

Havells Distribution Board: Efficient Power Distribution for Electrical ...

Explore Havells Distribution Board, designed for efficient power distribution in residential, commercial, and industrial electrical

Aug 06, 2025

Distribution box | PDF

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

May 06, 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 04, 2026

Distribution box flyer

BCH Distribution Boxes BCH offers wide range of compact, aesthetically appealing & elegant distribution boxes with unique user

Oct 26, 2025

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

Jun 23, 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,

Sep 01, 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 13, 2025

Eaton XBoard Distribution Box

The Power of Eaton Eaton's power distribution systems are designed to be as compact and energy efficient as possible while easy

Nov 02, 2025

High Voltage Distribution Box, Jp Integrated Distribution Cabinet ...

JP series of outdoor integrated distribution box, is a set of metering, outlet, reactive power compensation and other functions into one

Apr 16, 2026

ABB Consumer Units & Distribution Boards | PDF

For distribution boards, it covers Mini Center, Protecta, and accessories. Dimensions, technical specifications, and type codes are

Mar 12, 2026

CATALOGUE General purpose enclosures Heavy duty and industrial

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

Aug 17, 2025

Distribution box | OBO

Distributors - Distribution box. Item no. 2008852 Distribution box, 12 division units, with terminal strip, polycarbonate

Oct 20, 2025

Distribution Boxes Technical Data

Two provided with box. One set provided with box. Dimensions are shown in mm (in.). (1) Replace x with 1 [1 m (3.28 ft)], 2 [2 m

Jun 07, 2026

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

Jul 04, 2026

Distribution Boards

Mirage sub-main distribution boards have been designed for easy handling and quick, simple installation

Nov 18, 2025

Waterproof Distribution Box: Basic Shell Structure And Design

Technical Specifications for Cabinet Structures The effectiveness of an outdoor junction box relies on its physical

Feb 28, 2026

Distribution Box

220 Power Distribution Box 220 Power Distribution Box, also called power and lighting distribution control box. Most of them are

May 29, 2026

JP Series Integrated Distribution Box (Compensation, Control, and ...

The JP series outdoor integrated distribution box combines multiple functions—such as metering, outgoing circuits, and reactive

Dec 25, 2025

Distribution box catalogue | PDF

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

Oct 16, 2025

IP66 Plastic Distribution Box SHPN Series

IP66 plastic distribution box SHPN series has streamlined design, compact structure, easy installation, impact resistance, oxidation

Sep 06, 2025

W37 IP65 Indoor/Outdoor Distribution Box

W37 IP54 Distribution Box This IP54 distribution box offers the ability to terminate 4 fibers housed in a robust ABS enclosure for

Jan 16, 2026

Final Power Distribution Boxes | Product Catalog | CHINT Global

Compact final distribution boxes for safe, accessible, and precise power control across all electrical environments.

Jan 15, 2026

Distribution Boards

Easy Installation of outgoing The design of the pan assembly facilitates the installation of outgoing devices. Availability of mixing

Jul 11, 2026

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

1. SCOPE: This Specification covers the design, manufacture, testing at works and supply of Distribution Boxes made out of CRCA

Mar 20, 2026

Waterproof Distribution Box Manufacturer | IP65/IP66 PC & ABS ...

Product Range Waterproof Distribution Box Series 14 enclosure families across four application groups — outdoor

Aug 22, 2025

Waterproof Distribution Box: Basic Shell Structure And Design

Selecting the right waterproof distribution box ensures long-term safety and electrical integrity in demanding

Apr 07, 2026

Assembly Box|electric power distribution box

JUNON V12 series Distribution box, also known as assembly box, switch box and distribution board, is a complete set of equipment

Apr 30, 2026

Distribution boxes – For modular and decentralized solutions

Download our product catalog for sensor-actuator cabling and circular connectors or our portfolio overview for FieldPower®

Contact Us

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