

What are the dimensions of a 12-channel distribution box



Article Overview

A typical 12-channel distribution box, such as the Marshal MDB-12F, measures 250 mm (L) x 190 mm (W) x 85 mm (H).

Standard Dimensions

For many 12-channel distribution boxes used in electrical installations:

- Length (L): 250 mm
 - Width (W): 190 mm
 - Height (H): 85 mm
 - Material: Metal body with ABS and transparent PC fire-retardant cover
 - IP Rating: IP40, suitable for indoor use
 - Body Thickness: 1.0–1.2 mm
- These dimensions are typical for flush-mounted MCB distribution boxes with 12 ways and bus bars, providing enough space for wiring, circuit breakers, and safety features .

Variations and Considerations

- Weight: Depending on the material and internal components, a 12-channel box can weigh around 12 kg for robust metal enclosures .
- Power Handling: Some models support up to 6 kW per channel with three-phase AC380V input, while DMX-controlled versions for stage lighting may handle 4 kW per channel ...

Article Content

Feb 09, 2026

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

Mar 30, 2026

Distribution box | PDF

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

Mar 04, 2026

ABB Consumer Units & Distribution Boards | PDF

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

Oct 22, 2025

Use Walton DB box of correct size and thickness | Walton Blog

Of course, the electrical box's dimensions have yet to be determined. Consider the real installation, look at the actual wiring

Apr 24, 2026

Standard Electrical Enclosure Sizes: Chart, Dimensions & Selection ...

Electrical enclosure sizes are not universal, but most manufacturers follow common size families. This guide explains

Jun 18, 2026

Area distribution box with cassettes to be equipped with 12 ...

Area distribution boxes are used when pre-equipping a work area. They centralise connections to provide flexibility when installing

Jan 27, 2026

Amazon : Power Distribution Box

Browse power distribution boxes with circuit breaker protection and multiple outlet configurations. Shop durable solutions for

Jul 01, 2026

High Quality MCB Distribution Box Size / 4/6/8/12/14/16/20/24 Ways

High Quality MCB Distribution Box Size / 4/6/8/12/14/16/20/24 Ways, Find Details and Price about Distribution Box and Junction Box

Feb 21, 2026

Distribution box flyer

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

Mar 16, 2026

High-Quality Acti9/Multi9 Distribution Box

The dimensions are (W) 375mm x (H) 230mm x (D) 91mm. The IP degree of protection is IP41. This enclosure complies with IEC

May 03, 2026

Distribution Boards & Consumer Units

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

Apr 12, 2026

12-Channel Power Distribution Box

The ZT1204 12-Channel Power Distribution Box provides reliable power management with three-phase, five-wire AC380V input and

Oct 05, 2025

12-Channel Power Distribution Box

12-Channel Power Distribution Box ZT1204 Three-phase, five-wire AC380V power supply. Supports up to 12 channels with 6KW per

Jun 01, 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,

Feb 10, 2026

M8 and M12 Distribution Boxes | DigiKey

Amphenol LTW M8 and M12 distribution boxes provide designers with versatile and reliable solutions for connecting

Jul 20, 2026

Final Power Distribution Boxes | Product Catalog | CHINT Global

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

May 12, 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

Aug 19, 2025

What Is a Distribution Box?

What to Look for When Choosing a Distribution Box If you're going to buy a distribution box, there are several things

May 13, 2026

Distribution Box

12 Way Three Phase Distribution Board is where the electrical supply is distributed from within the building. The main supply cable

Dec 04, 2025

Distribution box | OBO

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

Jun 16, 2026

Distribution box catalogue | PDF

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

Jun 20, 2026

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

Apr 11, 2026

12/24V DC Power Distribution Box (Mini) – HARDKORR

This plug-and-play 12V DC Mini Power Distribution Box allows you to easily distribute 12V power from your

Dec 27, 2025

SPN distribution board, Acti9, 12 ways, metal double door, IP43

This Acti9 product is a flush or surface mounted 12 ways SPN distribution board. It comes with a double door and the door opening

Sep 27, 2025

Distribution Box

Distribution Box Space and cost saving solution Amphenol LTW's distribution boxes facilitate efficient cable management, easy

Aug 08, 2025

Distribution | Legrand E-catalog International

Modular distribution block with staggered bars 100 A - external output - 12 connections/bar - 8 modules Compare ADD TO PROJECT

Jan 06, 2026

Electrical Control Panels & Distribution Boxes: Sizes, Types, and ...

This guide explores control panels, electrical boxes, breaker panels, bus bars, junction boxes, and custom enclosures

Aug 25, 2025

Understanding the Distribution Box Dimensions: A ...

What are the standard dimensions for a distribution box? A 1-8P box typically measures 12 x 8 x 4 inches, ensuring proper fit, safety,

Sep 28, 2025

How to choose a distribution box of the right size for a project based ...

If you're like most electrical professionals, picking the right distribution box for your project can feel like navigating a

Dec 06, 2025

Marshal MDB-12F 12 Way Distribution Box | Marshal Electrical

METAL BASE MCB Flush Distribution Box 12 ways With Bus Bar Dimension: (LxWxH) mm 250x190 x 85 IP40, Material : Metal

Mar 28, 2026

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

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

Jun 22, 2026

Ex9xg Catalogue 2024

The Ex9XG series plastic distribution box is suitable for construction sites, outdoor charging stations parking lots, shops, gardens,

Feb 26, 2026

Distribution Box

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

May 02, 2026

12/24V DC Power Distribution Box (Large)

This plug-and-play 12V DC Power Distribution Box allows you to easily distribute 12V power from your auxiliary battery. Using its

Oct 21, 2025

12 Way Distribution Board | MajorTech

12 Way Distribution Board SKU: VB12 Available in Surface Mount and Flush Mount
Overall Dimensions : 323mm x 210mm x 97mm

Nov 01, 2025

electric distribution box | 12 Ways Distribution Box

Junon is a manufacturer of electrical distribution boxes. We provide 12-way distribution box. If you are interested in the electric

Contact Us

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