

Dual Power Distribution Box Dimension Table



Article Overview

Dual power distribution boxes typically come in modular sizes with 4, 6, or 8 ports, supporting standard cable lengths from 1 m to 10 m, with dimensions provided in millimeters and inches.

Standard Dimensions and Configurations

Amphenol LTW dual power distribution boxes are designed for industrial environments, supporting M8, M12, or M16 connectors. They are available in 4, 6, and 8 port configurations, with pre-wired dual power inputs for efficient cable management and centralized distribution . Standard cable lengths include 1 m, 2 m, 3 m, 4 m, 5 m, and 10 m, with higher minimum order quantities required for non-standard lengths .

Example Dimension Table (Typical Industrial Dual Power Boxes)

Ports	Width (mm/in)	Height (mm/in)	Depth (mm/in)	Standard Cable Lengths
4	72.80 / 3.1560	23.61	2	1.20 / 0.0472
6	180 / 7.0910	100 / 3.9470	2.761	2, 3, 4, 5, 10 m
8	240 / 9.4512	120 / 4.7280	3.151	2, 3, 4, 5, 10 m

These boxes are IP67-rated, oil-resistant, and designed to withstand vibration and harsh industrial conditions . LED indicators for power and function are included, and the enclosures are UL-compliant. Customization options are available for labeling, coding, and pre-wiring with high-flex cables for moving applications .

Additional Notes...



Article Content

May 10, 2026

Distribution Boxes Technical Data

Topic DC Micro Style Distribution Boxes Four-pin, One Signal per Port Cable Connector Distribution Four-pin, Two Signals per Port

Dec 07, 2025

Power Distribution Blocks

Mersen's finger safe IP20-rated Power Distribution Blocks are part of the new Compact EP® line of products. The compact footprint

Jun 29, 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

Feb 13, 2026

Distribution Box

32 amp Distribution Board includes cover, frame, base box, guide rail, neutral copper bar and earth copper bar. It has surface

Sep 12, 2025

Google Translate

Google's service, offered free of charge, instantly translates words, phrases, and web pages between English and over 100 other

May 17, 2026

Electrical Boxes

Electrical Boxes: Junction Box, Outlet Box, Single Gang, 2 Gang Electrical Boxes vary in size, material,

Dec 27, 2025

How to Size a Load Center, Panelboards and

In short, a panelboard or distribution board is a collection of protective devices such as circuit breakers,

May 20, 2026

Distribution Boards

Schneider Electric offers robust electrical distribution boards for safe and efficient power management. Suitable for various

Nov 27, 2025

Power Distribution Units PDUs

Spec-0 193raCk- and Panel-Mount Power distribution units (Pdus) industry standards UL/cUL 60950 listed UL 1449 (Surge protector

Apr 19, 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,

Nov 05, 2025

DISTRIBUTION AT THE HEART OF POWER

DISTRIBUTION AT THE HEART OF POWER With its XL3 enclosures, the DX3, DPX3, DPX, DMX3 ranges of circuit breakers and

May 24, 2026

Power Distribution Blocks

The PDBs can be DIN rail mounted, are dual wire rated, and are capable of DLO wire acceptance allowing ease of installation.

Apr 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,

Mar 12, 2026

Secondary unit substations design guide

Advantages As a result of locating power transformers and their close-coupled secondary switchboards as close as

Oct 09, 2025

Sizing Junction Boxes

Note: This article is based on the 2005 NEC. The sizing requirements for pull boxes, junction boxes, handhole enclosures, and

Sep 10, 2025

Electrical Distribution Box Design Guide

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

May 21, 2026

ABB Consumer Units & Distribution Boards | PDF

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

Apr 22, 2026

Distribution Boxes Types - The Complete Guide

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

Nov 27, 2025

Distribution box flyer

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

Jul 19, 2026

Distribution box catalogue | PDF

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

Oct 03, 2025

Distribution Box

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

Apr 19, 2026

Power Distribution Boxes: A Complete Overview

This article covers the types, features, and advantages of power DB boxes, as well as their manufacturers

Jan 22, 2026

ABB contractor catalogue.pdf

Split Load Type B - TP & N Distribution Boards A range of three phase MCB distribution boards which allows the option of metering

Aug 06, 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

Feb 01, 2026

CATALOGUE General purpose enclosures Heavy duty and industrial

Applications Ideal for industrial automation and control, machinery and OEM. Electronic applications in the telecommunications

May 10, 2026

Dual power distribution box factory | Langyi

Common dual-power distribution boxes are available in two types: iron and stainless steel. Due to the high protection level of iron or

Nov 30, 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

Jul 28, 2025

Distribution Boards & Consumer Units

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

Nov 05, 2025

MPDB Series Open-Style Power Distribution Blocks

Available splitting primary power into secondary circuits and fulfilling requirements for fixed junction tap-off points. All blocks are UL

Dec 12, 2025

LOW-VOLTAGE POWER DISTRIBUTION ALPHA BSII 125 & 250A

Features Includes painted steel enclosure Contains 2 x PAC1600 energy meter Pre-wired with all necessary cabling for out-of the

Mar 03, 2026

Distribution Boxes Technical Data

8-port ... NPN Wiring diagram shows both PNP and NPN wiring. Actual units use PNP status indicator, NPN status indicator, or

Contact Us

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