

What is the size of a level 3 distribution box



Article Overview

A Level 3 distribution box, such as the Legrand XL3 cabinet, typically accommodates high-current applications with modular configurations, supporting up to 250 A and multiple phases, with dimensions varying by model and configuration.

Overview

A Level 3 distribution box is designed for enhanced safety and service continuity, often used in commercial or industrial settings. These boxes allow complete freedom of distribution, supporting traditional cabling and modular power connections for three-phase systems (L1, L2, L3, N) and can handle currents from 400 A up to 6300 A depending on the enclosure and internal modules used .

Typical Dimensions

While exact dimensions depend on the manufacturer and configuration, Level 3 distribution boxes generally have:

- Height: 1200 mm to 2000 mm
 - Width: 600 mm to 1200 mm
 - Depth: 300 mm to 600 mm
- These dimensions allow for multiple modules, busbars, and protective devices while maintaining accessibility for maintenance and wiring .

Features...

Article Content

Nov 01, 2025

Distribution Box

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

Nov 02, 2025

Distribution box catalogue | PDF

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

Aug 21, 2025

Size determination, installation method and wiring mode of distribution ...

During wall construction, the reserved hole shall be about 20mm larger than the length and width of the distribution box. The

Oct 11, 2025

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

Jun 30, 2026

How to Choose a House Distribution Box | CHINT global

A well-chosen distribution box ensures the safety and efficiency of your household electrical system. This article guides

Sep 09, 2025

three-level distribution system_switchgear_Switchboard_circuit

The three-level distribution system refers to a system that distributes electric power through three levels of distribution

Jul 03, 2026

2026 NEC Electrical Junction Box Sizes Guide: Calculator + Code ...

Choosing the right electrical junction box size is crucial for safety and code compliance in your US projects. This guide

Apr 12, 2026

Distribution boards components

Fig. Q1 – Example of typical UK residential distribution board Fig. Q2 – Example of Italian residential installation

Jul 15, 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

Aug 14, 2025

The difference between the first,second,and third levels of ...

Third level distribution box: refers to the final junction box of each electrical appliance, which can be movable and

Dec 02, 2025

Distribution Boards

Distribution boards, also known as power distribution boards or panels, are essential for the safe and efficient distribution of electricity

Jun 11, 2026

Ultimate Guide to Electrical Junction Box Dimensions and Compliance

Explore NEC-based standards, box dimensions, material guidelines, and installation precision in this complete

Dec 31, 2025

How to Size a Load Center, Panelboards and

Sizing Main Panel, Load Center, Panelboards, Distribution Board & Consumer Unit According to NEC and

Dec 05, 2025

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

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

Nov 04, 2025

Distribution Box Guide: Types, Components & Solutions

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

Aug 20, 2025

A Complete Guide to Distribution Boards

Read this comprehensive buyer's guide on distribution boards, explaining what they are, their uses, types, how to

Feb 01, 2026

How to classify power distribution cabinet and power

They distribute the electric energy of a certain circuit of the upper level distribution equipment to the nearby

Apr 12, 2026

How to Size a Load Center, Panelboards and Distribution Board?

In today's step-by-step guide, we will demonstrate how to select the right size panelboard (whether it's a load center, distribution

Dec 13, 2025

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,

Aug 01, 2025

How to determine the size, installation method and wiring mode of ...

12) During the inspection and maintenance of the distribution box and switch box, the corresponding power switch of the first level

Jul 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

May 05, 2026

Electrical Box Dimensions Manufacture

Linkwell offers a wide range of electrical box dimensions, so you can always find the right fit for your industrial or

Mar 30, 2026

How to choose the size of distribution box? What kinds

The size of the distribution box used in the room is generally different from that of the general industrial

Contact Us

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

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

Email: sales@greatpremiersolutions.co.za

Phone: +27 82 914 3675

Address: Unit 5, Silicon Heights, 22 Electron Avenue, Cape Town, 8001, South Africa

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

