

XI-Distribution Box Dimensions

Article Overview

XL-21 low-voltage distribution boxes are wall-mounted, steel-enclosed units designed for AC voltages up to 500V, with dimensions varying by configuration and manufacturer.

Overview

The XL-21 series is widely used for low-voltage power distribution in industrial, commercial, and infrastructure applications. These boxes are suitable for three-phase four-wire or five-wire systems, with rated voltages up to 500V and currents typically up to 630A . They are designed for power distribution, lighting control, and power management, and comply with IEC 439-1 and GB7251 standards .

Construction and Installation

- **Material:** Steel plate with bending for a robust, closed shell .
- **Mounting:** Wall-mounted, with front maintenance access. The front door opens to allow easy inspection and servicing of internal components .
- **Internal Layout:** Can accommodate air circuit breakers, fuses, contactors, thermal relays, and optional operation buttons or indicators. The arrangement is flexible, allowing beam or plate-type installation of components .
- **Environmental Conditions:** Suitable for ambient temperatures from -5°C to +40°C (short-term up to +65°C), relative humidity up to 50% at +40°C, and up to 90% at +20°C. The device should be installed in clean air, free from severe vibration, impact, or chemical corrosion

Article Content

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Distribution Boxes

Precast concrete distribution boxes are available in 5 sizes, small, medium, large, extra large and commercial. H-20 distribution

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XL-21 Low-Voltage Power Distribution Cabinet: A Comprehensive Guide

Discover the essentials of the XL-21 Low-Voltage Power Distribution Cabinet in our comprehensive guide. Explore

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Ex9xg Catalogue 2024

5. Application The Ex9XG series plastic distribution box is suitable for construction sites, outdoor charging stations parking lots,

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Vertiv NetSure External Distribution Box (EDB)

Overview The Vertiv™ NetSure™ External Distribution Box (EDB) accommodates both DC distribution and fiber distribution in a

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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,

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XL-21 POWER DISTRIBUTION BOX | Langsung Electric

Application The basic frame of the XL-21 power distribution box is a C-shaped assembled structure, which is processed by

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Distribution Box XL-21 Series 220V/380V | CNHMDL

Rated for 220V-380V AC, our distribution boxes feature robust metal construction, multiple mounting options, and flexible

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XL-21 Series Low Voltage Power Distribution Cabinet

The XL-21 low-voltage power distribution cabinet is suitable for three-phase four-wire systems with AC voltages up to 500V. It is

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XL-21 Low-Voltage Power Distribution Box | 380V 800A | Fulleto Electric

Fulleto Electric manufactures the robust XL-21 low-voltage power distribution box. Rated for 380V 800A, it offers superior dustproof

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Length Width Height Dimensions (L x W x H) – Box Measurement Guide

Learn how to measure length, width, and height of a box correctly. Understand L x W x H order, internal vs external dimensions,

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SELECT YOUR DISTRIBUTION SYSTEM

Distribution is an essential function for the electrical panels, as well as for control and circuit protection. As well as purely technical

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Final_product_book_12_curve

GSDB-4030 400x300x190 3 Phase Service Connection Distribution Box/ ABC Distribution Box 11.

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XL3-N 250 3-phase distribution boards

Flush-mounting distribution boards 1: For XL3-N 250 distribution boards only

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What Are the Dimensions of an UPS XL Flat Rate Box?

Conclusion The UPS XL Flat Rate Box stands out as an optimal shipping solution for bulky and heavy items. With

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XL distribution box

XL distribution box XL series power distribution box is designed by our company combined with different control equipment.

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Standard Box Sizes: Size Charts & Dimensions

Find standard box sizes for shipping, retail, and moving. Includes size charts in inches &

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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 25, 2025

Final Power Distribution Boxes | Product Catalog | CHINT Global

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

Jul 05, 2026

Distribution box | PDF

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

May 30, 2026

XL -N 250 630

Extension boxes To be installed on XL3-N 630 distribution boards (at the top or at the bottom) for extra wiring space or additional

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Comprehensive Guide to Septic Distribution Box Dimensions

Discover key dimensions, installation tips, and maintenance practices for septic distribution boxes to ensure optimal

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Distribution Boards & Consumer Units

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

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Distribution Box

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

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GB-distribution box and enclosures

The GB-terminal box, both distribution box and empty enclosure, is manufactured of high impact resistance, glass-fibre reinforced

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General Enclosures

Home Retrofitting Distribution Boxes E-Abel's broad range of multitasking distribution boxes offer a variety of sizes, cutouts and

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Distribution box | OBO

Protection rating IK code 16 products (16 Variants) 30 60 90 Item no. 2008840
Distribution box, 3 division units, with terminal strip,

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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

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XL-21 Low Voltage Power Distribution Panel | Up to 630A, IEC & GB

XL-21 Low Voltage Power Distribution Panel The XL-21 Power Distribution Box is used for power distribution, conversion,

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distribution cabinets and enclosures XL3 400

For XL3 400 insulating and IP 55 distribution cabinets, Please consult us For detailed dimensions and installation principle, see e

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Electrical Box Dimensions Manufacture

Electrical Box Dimensions Contact us today for quotes, OEM service, or technical support. We respond quickly and

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XL-21 Series Low Voltage Power Distribution Cabinet

You can customize the cabinet's dimensions: width (400-1000mm), height (1600-2200mm), and depth (400-800mm). The cabinet

Nov 09, 2025

XL-21 AC Distribution Box Manufacturer | Factory Direct

The XL-21 series power distribution box is one of the widely used power control and distribution equipment in low-voltage distribution

Nov 15, 2025

XL-21 power distribution cabinet

XL-21 power distribution cabinet Cabinet front door installed ammeter, voltmeter and the signal lamp, button, selector switch and

Contact Us

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