

# XL distribution box specifications and models



From standard **1U** to **8U** sizes to  
fully customized **Non-standard** enclosures.

## AI Overview

The XL-21 series is a versatile low-voltage power distribution cabinet designed for industrial and commercial applications, supporting voltages up to 500V and currents up to 800A, with customizable configurations and high protection levels. Overview The XL-21 distribution box is primarily used for power and lighting distribution in low-voltage AC systems, including three-phase three-wire, four-wire, and five-wire configurations. It is suitable for power plants, industrial enterprises, mining operations, and commercial buildings. The cabinet integrates power introduction, distribution, and control within a single enclosure, facilitating management, monitoring, and maintenance. Models and Types Standard Type (P Type): Independent installation with cabinet heights of 1700mm or 1800mm, featuring entry and exit holes at the top as required. Busbar Type (M Type): Cabinet height of 1900mm or more, with a removable top cover for easy busbar installation and maintenance. Doors can open beyond 135°, and internal mounting brackets are adjustable for flexible component arrangement. Electrical Specifications Rated Voltage: 400V or 660V AC, suitable for low-voltage systems up to 500V. Rated Current: Typically 630A, with some models supporting up to 800A. Frequency: 50Hz AC. Protection Devices: Equipped with circuit breakers, fuses, contactors, and relays for overload and short-circuit protection. Motor Control: Supports squirrel-cage and wound-type motors in low-voltage control systems. Physical and Construction Features Material: High-quality cold-rolled steel, electrolytic steel, or galvanized steel with a thickness of 2.0mm. Protection Level: IP54 for dust and water resistance, ensuring reliable operation in harsh industrial environments. Dimensions: Width 400-1000mm, height 1600-2200mm, depth 400-800mm, customizable based on pr...

## Article Content

### 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 galvanizing or spray-coated, and the necessary components are assembled

### XL-21 Power Distribution Cabinet-Sankai Electric

The XL-21 type power distribution cabinet is suitable for power plants and industrial enterprises. It is designed for three-phase three-wire, three-phase four-wire, and three-phase five-wire systems with

### XL-21-Power box series

The XL-21 power distribution box is widely used in power plants and industrial enterprises. It is suitable for three-phase power or lighting distribution systems below 500V, including three-phase three-wire,

### DRAFT SPECIFICATION FOR L. T. DISTRIBUTION BOX OF

DRAFT SPECIFICATION FOR L. T. DISTRIBUTION BOX OF DISTRIBUTION TRANSFORMER (DTR) OF DIFFERENT RATINGS WITH INCOMING PORCELAIN REWIREABLE FUSE UNIT AND

### XL Distribution Boxes

Discover efficient xl distribution box solutions designed for optimal power distribution. Enhance your operations with reliable, durable equipment tailored to your needs.

### Distribution Box

**Distribution Box Space and cost saving solution** Amphenol LTW's distribution boxes facilitate efficient cable management, easy installation with pre-wired configuration, and provides a centralized

### XL Series Power Distribution Box

The XL series power distribution cabinets support flexible cable entry/exit configurations adaptable to various usage environments. Multiple units can be

### XL Power Distribution Boxes

**XL Power Distribution Box Types: A Comprehensive Guide** XL power distribution boxes are essential components in modern electrical systems, ensuring safe, efficient, and reliable distribution of

Distribution enclosure XL<sup>3</sup> S 4000 height 2200 mm

Distribution enclosure XL<sup>3</sup> S 4000 height 2200 mm width 450 mm depth 800 mm REF. 338029 EAN. 3414970900098 Download product sheet Add to project

### XL Low Voltage Power Distribution Cabinet

XL Low Voltage Power Distribution Cabinet suitable for three-phase four-wire systems with AC voltages up to 500V. It is primarily used for power distribution purposes in power plants, indu

### XL Power Distribution Boxes

Based on operational voltage and design functionality, XL power distribution boxes are categorized into three primary types: low voltage (up to 1 kV), medium voltage (1 kV – 33 kV), and high voltage

### Metal Power Distribution Cabinet Box XL-21 Power Supply Box Low

Metal Power Distribution Cabinet Box XL-21 Power Supply Box Low Voltage Power Switchgear Floor Stand Distribution Cabinet, Find Details and Price about Electrical Distribution Box and Power

### XL Series Advanced Power Distribution Cabinet with Custom Finish ...

Product description: XL-800 power distribution cabinet is suitable for power distribution of three-phase four-wire or three-phase five-wire system with AC voltage of 500 volts and below in

### Efficient Distribution upto 4000A

The freedom of distribution, either “standard or optimized”, not only makes the assembly easy, but also enables you to save time during installation and maintenance. These enclosures perfectly house the

### Distribution Box

Metal Distribution Box Features Continuously welded seams Foam-in-place seamless gasket 120-degree opening heavy-duty industrial hinges IP66 protection rating against dust and water according

### 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 drawing & details in the table furnished. approved clearances and technical

### Model And Specification Of Explosion-Proof Distribution Box

Explosion-proof lighting distribution boxes and cabinets come in a variety of models. They vary in terms of materials, including metal and flame-retardant plastic...

### XL-21 Low-Voltage Power Distribution Cabinet

Designed to meet IEC 60439-1 and GB 7251.1 standards, this indoor fixed enclosed cabinet is ideal for 50Hz AC power distribution systems with a rated voltage of 380V/660V and a current capacity of up

#### XL-21 Low Voltage Power Distribution Panel | Up to

The XL-21 Power Distribution Box is used for power distribution, conversion, transmission, control, and on-site operations in low-voltage distribution systems.

#### XL-21 Series Low Voltage Power Distribution Cabinet

Designed for AC frequency of 50Hz, this electrical distribution switchgear operates at rated voltages of 400V or 660V with a rated current of 630A. Additionally, it supports three-phase three-wire, four-wire,

## Contact Us

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