

Article Overview

Popular 380V primary distribution box models include the Fulleto XL-21, YNXL, and complete 3-phase distribution boards for industrial and commercial applications.

Fulleto XL-21 Series

The XL-21 is an indoor, floor-standing power distribution cabinet designed for low-voltage systems up to 380V and rated at 800A. It is suitable for industrial plants, substations, and commercial buildings. Key features include:

- o Construction: High-quality cold-rolled steel with electrostatic spray finish, achieving IP54 protection against dust and water splashes.
- o Modularity: Flexible combinations of circuit breakers, contactors, relays, and measurement instruments.
- o Safety: Front-panel operation with compartment separation for maintenance and protection.
- o Applications: Power and lighting distribution in dust-prone or industrial environments.
- o Customization: Engineering team can design configurations to meet specific single-line diagram requirements .

YNXL Model

The YNXL distribution box is designed for 380V systems with a current range from 10A to 630A. It is suitable for industrial production, municipal engineering, and water management systems. Features include:

- o Enclosure: Waterproof and dustproof, ensuring reliable operation in harsh environments.
- o Installation: Supports both wall-mounted and floor-standing setups.
- o Standards: Complies with GB/T 7251.2-2023 for safety and efficiency.
- o Applications: Machinery, conveyor systems, compressors, and fans in industrial settings .

Complete 3-Phase Distribution Boards

These cabinets are designed for manual transfer switchgear applications, allowing operators to switch power among multiple generators. Key points:

- o Protection: Circuit breakers provide overload and short-circuit protection.
- o Motor Control: Distributes and controls power for multiple motors, with monitoring and protection.
- o Applications: Factories requiring uninterrupted power supply, especially where multiple generators are used.
- o Advantages: Lower cost and simpler maintenance compared to automatic transfer switchgear .



380V Primary Distribution Box Model

Considerations for Selection

When choosing a 380V primary distribution box, consider:

- o Current rating: Ensure the box supports the maximum load (e.g., 800A for XL-21).
- o Environmental protection: IP rating for dust and water resistance.
- o Modularity and expandability: Ability to integrate breakers, relays, and monitoring devices.
- o Installation type: Floor-standing vs. wall-mounted.
- o Compliance: Adherence to local and international safety standards.
- o Customization: Availability of tailored solutions for specific industrial requirements. These models provide reliable, safe, and flexible solutions for industrial and commercial power distribution at 380V, with options for customization to meet specific operational needs.

The distribution box is the central hub of the home circuit and the general control of our daily power consumption. It is an

This 225-amp unit provides three-phase 380Y/220 V via a main circuit breaker panel. The power distribution panel provides

A distribution board (also known as panelboard, circuit breaker panel, breaker panel, circuit breaker, electric panel, fuse box or DB

Enhanced Operational Safety: Designed for 380V low-voltage systems with secure power management and dependable protection.

SP-XL low-voltage power distribution cabinet is suitable for three-phase three-wire, three-phase four-wire,

Complete sets of distribution boxes, distribution panels, control panels, control boxes, power supply

****SEO Description for Power Distribution Box (Without Internal Protective Panel)**** Discover our Power Distribution Box (Model

SX offers high-quality, customisable power box distribution systems with factory-direct pricing. Reliable,

Discover the key types of distribution boxes with NUOMAK's comprehensive guide. Learn about Main Distribution Boards (MDB),

XL-21 type low voltage power panel has flexible distribution scheme, convenient combination, good practical performance, new

380V Primary Distribution Box Model

It serves as the central hub for receiving and distributing electrical energy in low

Distribution boards, often referred to as electrical panels or breaker boxes, serve as the nerve center of any electrical system. Here

6. Commercial Buildings: Electrical distribution boxes are used in commercial buildings to distribute power to office spaces, retail

Power Distribution Panel - 480Y/277V 3-phase Panel - 100A MCB - (4) MCCB Breakers - Hinged Door

380V Delta primary (input) x 110 secondary (output). 3 phase, 50hz and 60hz available, dry type open and enclosed (Nema 1 - Rated

Fig. C3 : Showing one of several ways in which a LV distribution network may be arranged for radial branched

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