

XL distribution box model specifications and dimensions



AI Overview

The XL-21 distribution box is a low-voltage, modular power distribution cabinet designed for industrial, commercial, and residential applications, with rated voltages up to 660V and currents up to 800A.

General Overview The XL-21 series is a versatile low-voltage power distribution box used for power distribution, conversion, transmission, and control in low-voltage systems. It is widely applied in power plants, substations, industrial enterprises, commercial buildings, and high-rise structures. The series supports three-phase three-wire, four-wire, and five-wire configurations and is suitable for both power and lighting distribution systems.

Electrical Ratings
 Rated Voltage: 400V or 660V AC, 50Hz
 Rated Current: 630A to 800A depending on model
 Protection Level: IP54 for dust and water splash protection
 Short-Circuit Testing: Passed internal short-circuit tests ensuring safety and reliability
 Compliance: IEC60439-1:1992, GB7251.1-2013, GB7251.12-2013, GB7251.3-2006

Construction and Materials
 Cabinet Frame: 8FM open-profile or C-profile steel sections
 Panel Surface: Cold-rolled steel with electrostatic spray or epoxy resin coating
 Door Design: Beveled doors with patented latches for pressure release and safety
 Hinges: Precision-cast adjustable hinges allowing doors to open beyond 135°

Dimensions:
 Width 400-1000mm, Height 1600-2200mm, Depth 400-800mm

Mounting: Floor-standing or wall-mounted, with top and bottom entry/exit options for cables

Features and Modularity
 Internal Components: Supports circuit breakers, contactors, relays, measurement instruments, and rotary load isolation switches
 Motor Control: Can control squirrel-cage and wound-type motors in low-voltage systems
 Auxiliary Circuits: Supports local/remote control with automatic switching between modes
 Modular Design: Allows flexible combinations and easy integration into larger systems...

Article Content

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

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RANGE & SPECIFICATIONS: Sr. No. Product Code Inside Dimensions (mm] H x W x D Typical Applications

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

Distribution box catalogue | PDF

This document provides specifications for various distribution boxes including dimensions, mounting sizes, and number of ways. It includes specifications for TOP-TS, TOP-TF, TOP-LS, TOP-PS, TOP

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.

XI-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

Distribution Boards

Mirage sub-main distribution boards have been designed for easy handling and quick, simple installation

XI 21 Distribution Box: Structure, Specifications, and Common Industry ...

The XL 21 distribution box is a versatile electrical enclosure designed for safe and efficient power distribution across a wide range of environments. Available in multiple configurations, these boxes

Distribution Box Specifications And Models

3. Other common distribution boxes XL, GXL series: Low-voltage distribution cabinets, commonly used in construction sites and other places. PXT

XL-21 power distribution cabinet

XL-21 power distribution cabinet Cabinet front door installed ammeter, voltmeter and the signal lamp, button, selector switch and other components. The main distribution box adopts self-design of new

Ex9xg Catalogue 2024

5. Application The Ex9XG series plastic distribution box is suitable for construction sites, outdoor charging stations parking lots, shops, gardens, bathrooms and other places, electricity meters and

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

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

Product Type

Hubs, Closures, Terminals & Boxes Hubs, Closures, Terminals & Boxes ensure superior protection, reliability and scalability for your outdoor networks.

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, MNS® power distribution box can provide high security, high reliability

XL-21 power distribution cabinet

The main distribution box adopts self-design of new components, compact structure, beautiful appearance, easy maintenance, a variety of wiring options for users to

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 configurations to suit various load requirements. Ideal for lighting circuits, small

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 -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 functions.

XL-21 Series Low Voltage Power Distribution Cabinet

It functions as a power distribution and lighting solution within low-voltage systems. Designed for AC frequency of 50Hz, this electrical distribution switchgear

Distribution box | PDF

This document provides specifications for various types of plastic distribution boxes, including their dimensions and features. It describes HA, HK, and LGD series

TECHNICAL SPECIFICATION I.R.O. 63,100,160 & 315 KVA

1. SCOPE: This Specification covers the design, manufacture, testing at works and supply of Distribution Boxes made out of CRCA MS for controlling the L.T. feeders from the L.T. side of Distribution

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 factors (intensity, number of outputs, etc.), the choice of a distribution

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.

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 protection and safety for industrial use. ISO certified. Get your custom

Contact Us

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