XL20 Distribution Box Specifications



Overview

View results and find xl20 distribution box specifications datasheets and circuit and application notes in pdf format.

Key Takeaways

The XL20 Distribution Box is designed for reliable electrical distribution with environmental protection, flexible connectivity, and photovoltaic integration.

Environmental and Installation Specifications

The XL20 Distribution Box operates within an ambient temperature range of -5°C to +40°C and a relative humidity of up to 90% at 20°C. It is suitable for installation at altitudes up to 2000 meters. The surrounding environment must be free from explosive gases, corrosive or metal-damaging gases, and conductive dust, and the installation site should avoid severe vibration, rain, or snow to ensure safe operation.

Electrical and Functional Features

The XL20-B variant can connect up to four series strings, making it suitable for photovoltaic applications. It supports communication via photovoltaic cables or power line carrier, enabling stable and reliable monitoring without additional communication wiring. When paired with the XL02-B, it provides rapid shutdown and platform monitoring functions, enhancing safety and operational control.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Material and Protection

The distribution box is constructed to meet IEC standards, ensuring reliable protection for electrical equipment. While specific IP ratings are not listed in the sources, similar distribution boxes are typically designed for industrial and outdoor use, providing mechanical strength and weather resistance.

Summary

Ambient Temperature: -5°C to +40°CRelative Humidity: ≤90% at 20°CAltitude: ≤2000 mEnvironmental Requirements: Free from explosive, corrosive, or conductive dust; no severe vibration or precipitationConnectivity: Supports four series strings, photovoltaic cable or power line carrier communicationSafety Features: Rapid shutdown and platform monitoring with XL02-B integrationStandards Compliance: IEC standards for electrical protection This makes the XL20 Distribution Box suitable for industrial, commercial, and photovoltaic applications, providing both environmental resilience and advanced monitoring capabilities.

Article Content

Datasheet Archive: XL20 DISTRIBUTION BOX SPECIFICATIONS

View results and find xl20 distribution box specifications datasheets and circuit and application notes in pdf format.

xl20 distribution box specifications | etrailer

If you''re looking for xl20 distribution box specifications, then look no further! Browse our selection or speak to our experts to make sure you have exactly what you''re looking for.

Search results for ''XL20 Distribution Box'' | ARCAT

Search results for ''XL20 Distribution Box'' in architectural information on building materials, manufacturers, specifications, BIM families and CAD drawings.

XL20 Distribution Cabinet for Pump and Fan Control Complete with ...

The main products include: PLC control cabinets, high and low voltage switch cabinets, box-type substations, distribution cabinets, and a series of automation control products, etc.

High Capacity XL20 Distribution Cabinet Large Wiring Space Ideal for ...

The main products include: PLC control cabinets, high and low voltage switch cabinets, box-type substations, distribution cabinets, and a series of automation control products, etc.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

DESCRIPTION: DOC NUMBER JUNCTION BOX XL FOR RAIL

JUNCTION BOX XL FOR RAIL PART NUMBER(S): 242-92120 NITS: IN, LB, DEG [MM, KG, DEG] 2.56 [65.0]

xl20 distribution box dimensions | etrailer

Find the perfect xl20 distribution box dimensions to suit your needs, with options curated to align seamlessly with your requirements

Installation/UserManual

References to the relevant harmonized standards used or references to the other technical specifications in relation to which conformity is declared: HealthandSafety(RED,Article3.1a)

XL Series Low Voltage Power Supply Distribution Box

This power supply distribution box is used for protecting overload, short-circuit and leakage, as well as for circuit switching. It is an indoor closed device, with the protection grade of IP 30.

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, earth bars, RCDs, RCBOs, SPDs, enclosure ratings, and wiring layout.

A Complete Guide to XL-21 Power Distribution Cabinet Specifications

Conclusion XL-21 power distribution cabinets are indispensable components in modern electrical systems, offering reliable power distribution with advanced safety features. Understanding

Product Type

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

Dust Proof XL20 Indoor Distribution Cabinet Air Filter System Prevents ...

The main products include: PLC control cabinets, high and low voltage switch cabinets, box-type substations, distribution cabinets, and a series of automation control products, etc.

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

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

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

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

Types of XL 21 Distribution Box 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

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

XL20 Low Voltage Power Distribution Cabinet Industrial Motor Control ...

The main products include: PLC control cabinets, high and low voltage switch cabinets, box-type substations, distribution cabinets, and a series of automation control products, etc.

Contact Us

Continue your research online:

Website: https://fdsoluciones.es
Technical inquiry: https://fdsoluciones.es/project-enquiry.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved