Distribution Box XXL2 Specifications and Dimensions



Overview

This document provides specifications for various distribution boxes including dimensions, mounting sizes, and number of ways.

Key Takeaways

The Distribution Box XXL2 is an industrial-grade enclosure designed for robust cable management, offering high protection, multiple port options, and flexible pre-wired configurations.

General Specifications

Protection and Durability: Distribution boxes like the XXL2 typically feature IP67-rated protection, ensuring dust-tight and water-resistant performance, and IK10 impact resistance, making them suitable for harsh industrial environments. They are often oil-resistant and built to withstand vibration and chemical exposure, ensuring reliable operation in automation, robotics, and processing facilities. Material and Construction: Enclosures are usually made from UL-compliant materials, providing electrical insulation and mechanical strength.

Covers may be smooth or metric-threaded for easy mounting of connectors and accessories. Connectivity and Ports: The XXL2 supports M8, M12, or M16 connectors, with options for 4, 6, or 8 ports, either single or dual pre-wired.

LE

D indicators for power and function are commonly integrated.

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Pre-wired PU

R cables are available in standard lengths of 1M, 2M, 3M, 4M, 5M, and 10M, with custom lengths possible upon request. Cable Management: Boxes are designed for efficient cable routing, with terminal blocks for easy wiring and earthing. They facilitate centralized distribution of power and data, reducing installation complexity.

Dimensions

While exact XXL2 dimensions are not specified in the sources, industrial distribution boxes of this class generally range in size from 65 x 65 mm up to 361 x 254 mm, with multiple cover heights available to accommodate different connector and cable configurations. Dimensions are typically provided in millimeters, with mounting and internal spacing designed to support standard industrial connectors and pre-wired assemblies.

Additional Features

Glow wire tested for electrical safetyCustomizable labeling and coding for identificationFlexible cable options for constant-motion applicationsCompatibility with backward-compatible MPronto-12 kits for M12 connectors SummaryThe Distribution Box XXL2 is engineered for industrial reliability, offering robust protection, flexible port and cable configurations, and durable construction suitable for demanding environments. For precise dimensions and model-specific details, consulting the manufacturer's datasheet or technical catalog is recommended.

Article Content

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

CATALOGUE General purpose enclosures Heavy duty and industrial

Polycarbonate boxes are available with a smooth surface (one single entry) or with multiple metric cutouts. xes are available with a smooth surface or with multiple metric Opaque gray or transparent

Distribution Boxes Technical Data

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Summary of ChangesFour-pin, One Signal per Port Cable Connector Distribution BoxCable ConnectorWiringCable ConnectorFour-pin, One Signal per Port Cable with Terminal Block Connector Distribution BoxMechanicalProduct SelectionCableMechanical(1.3) Additional ResourcesRockwell Automation SupportThis publication contains the following new or updated information. This list includes substantive updates only and is not intended to reflect all changes.See more on literature.rockwellautomation Hensel

Catalogues and brochures - Gustav Hensel GmbH & Co. KG

The Gustav Hensel GmbH & Co. KG is a leading company specialising in the manufacture of innovative electrical installation and power distribution systems for facility equipment of buildings.

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

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.

Distribution Box

Plastic Electrical Box, also known as a consumer control unit or electricity control unit. It is a device that is a type of distribution board that helps in protecting

DISTRIBUTION BOXES

Provide high-density polyethylene drop or distribution box with holes punched suitable to receive locking seals. The box shall be strong, non-corrosive, lightweight, and easily installed. The box shall be of

Final Power Distribution Boxes | Product Catalog | CHINT Global

We offer a broad selection of models, configurations, and sizes to serve various applications, from residential and commercial buildings to industrial environments.

Distribution Box

Our distribution boxes are perfect for industrial environments, catering to automation, robotics, and processing facilities. They provide cost-effective solutions through automated dispensing and

TECHNICAL SPECIFICATION FOR LT DISTRIBUTION BOX

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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

Distribution Boards

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

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

Electrical Control Panels & Distribution Boxes: Sizes, Types, and ...

Introduction Electrical control panels and distribution boxes are the backbone of modern electrical systems. From powering homes and industrial facilities to supporting medium-voltage

Electrical Box Dimensions: Find the Right Size for Any

Learn standard electrical box dimensions for outlets, switches, and junction boxes. Compare sizes, depths, volume, and clearance for safe

Distribution Boards & Consumer Units

Distribution boards, together with modular ABB system pro M Compact protection devices and Modular Din Rail Components, can be used for many applications in electrical building installation. Solutions

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

D6B Distribution Box | Jensen Infrastructure

Evenly distributes septic tank effluent into a leaching system, typically a septic field. Internal baffle prevents solids from breaching the leaching system. Seven plastic pipe seals that fit 4 in. pipe with

2''x2′ Distribution Box

Precast distribution/junction boxes are used to distribute the flow of wastewater from the septic tank, evenly to the absorption field, leeching field or seepage pits. Distribution boxes prevent the

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

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