

General Purpose 40 Industrial Distribution Box



AI Overview

A 40-way industrial distribution box is a robust indoor power distribution enclosure designed for safe and organized electrical circuit management in commercial and residential settings.

Key Specifications

Material Construction: The box is typically made of powder-coated steel for durability, with ABS or ABS+PC covers and doors, which can be transparent or white. Plastic components can be customized for flame retardancy (V1-V0) depending on material choice.

Capacity: Designed to accommodate 40 mini circuit breakers (MCBs), providing ample space for multiple circuits.

DIN Rail: Equipped with galvanized steel DIN rails with horizontal and vertical adjustment for flexible installation.

Terminals and Grounding: Includes brass terminals (57.5% composition) for neutral and earthing, and stainless steel earthing bolts with warning labels for safety.

Door and Hinges: Reinforced structure with metal spring plates ensures durability and prevents door detachment.

Safety and Standards

Protection Level: IP40, providing protection against solid objects larger than 1 mm but not against water.

Compliance: Meets Low Voltage Directive 2014/35/EU and standards EN-IEC 60670-1-24 and IEC-EN 62208.

Electrical Safety: Copper bars for smooth conduction, standardized wiring, and proper grounding ensure reliable and safe operation.

Applications

Indoor Power Distribution: Primarily used for lighting control and power distribution in residential, commercial, and light industrial buildings.

Modular Expansion: Suitable for surface mounting, with options for customized colors or neutral packaging.

Durability: Reinforced design allows for higher tensile strength and long service life, making it suitable for environments requiring robust electrical enclosures.

Additional Features

Halogen-Free Materials: Reduces toxic emissions in case of fire.

Packaging: Supplied fully assembled, with a...

Article Content

Distribution Box Guide: Types, Components & Solutions

Understand distribution boxes (DB boxes) in 5 minutes. Learn about types, components, functions, and uses. Find the perfect DB box for your needs.

Industrial Electrical Distribution Boxes | DENG YUE

Discover our Industrial Electrical Distribution Boxes, meticulously engineered for robustness and dependability. These high-performance electrical distribution boxes come equipped with multiple blue

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Gain strategic business insights on cross-functional topics, and learn how to apply them to your function and role to drive stronger performance and innovation.

WorkSite Lighting | 3 Phase Power Distribution Box | 40

The Worksite Lighting Portable Power Distribution Unit (PDU) is a durable and reliable 3-phase portable power distribution box, perfect for managing temporary

Industrial Socket Box Solution – Safe & Reliable Power

In industrial environments such as factories, construction sites, ports, and mining operations, a reliable and safe power distribution system is essential. Our

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

IDE Electric

When several items are sent together, they are bundled together with transparent film. They are supplied with all the elements assembled, except for the ones supplied in the accessory bag.

Metalbox Distribution Boxes | IP40, IK07 | Solera

The Metalbox recessed distribution boxes from Solera are certified with IP40 and IK07, are linkable, and feature a removable metal frame.

Distribution Boxes

Discover E-Abel's wide range of durable distribution boxes for industrial and electrical use, offering practical, flexible, and innovative solutions.

40 A Maximum Amperage Electrical Panel & Distribution Boards

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Ip40 Distribution Boxes

The ip40 distribution boxes is ideal for protecting electrical components from damage when faults or short circuits occur in the system. Once the circuit breaker detects a fault, it automatically cut off the

CATALOGUE General purpose enclosures Heavy duty and industrial

Applications Ideal for industrial automation and control, machinery and OEM. Electronic applications in the telecommunications industry. May also be used in tertiary and energy distribution applications.

Distribution Boards | Legrand DB Board for Safe Power Supply

Legrand's Distribution Boards deliver safe, reliable power distribution for homes, commercial spaces, and industrial applications, combining smart design, easy wiring, durability, and enhanced safety.

Industrial Plastic Mini Circuit Breaker Box, 40 Way

Plastic Mini Circuit Breaker Protection Level 40 Distribution Box Industrial Distribution Board Product Feature 1. Box material: powder coated steel 2. Cover

General Purpose Enclosures | Electrical | RS

Shop General Purpose Enclosures at RS for Fast Delivery on Wide Range of High-Quality Multi-Purpose Enclosures from Trusted Suppliers.

ABB I Automation and Multipurpose boards

ABB's range of automation & multipurpose boards is extremely versatile and used in industrial automation applications but also in segments like Food & Beverage, Solar, Oil & Gas etc.

Industrial distribution boxes with plug-in equipment

Description The boxes are made of high-quality thermoplastic materials. Industrial plug-in equipment manufactured in compliance with CEE standards is built into them. Individual circuits can be

Electrical Distribution Boxes for Power Distribution

Electrical distribution boxes for modular power distribution and installation. Flexible distribution solutions for industrial and building electrical infrastructure.

IDE Electric

Surface boxes with a capacity of 4, 8, 12, 24 and 36 modules with transparent window. Halogen-free plastic materials. PS RAL 9003 white. Supplied in

General Purpose 40 | Gates Corporation

Gates general purpose industrial hoses have all the components of an exceptional standard materials transferring solution: lightweight, reliable, versatile, efficient, weather and abrasion resistant, and

Distribution enclosure, Distribution box

Used for strong current connection of high voltage distribution box, all-in-one controller, battery box and other equipment. JX59 single-core series adopt

Portable Power Distribution Units & Boxes| LEX Products

Lex Products offers a full range of portable power distribution boxes and units, specifically engineered for indoor and outdoor use for the entertainment,

Industrial Distribution Box | IP67 Power Enclosure

Industrial Distribution Box by EPCOM: IP67 power solutions with modular design and durable materials, ideal for any demanding industrial project.

Industrial Plastic Mini Circuit Breaker Box, 40 Way

High quality Industrial Plastic Mini Circuit Breaker Box, 40 Way Distribution Board from China, China's leading industrial mini circuit breaker box product, with strict

Contact Us

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