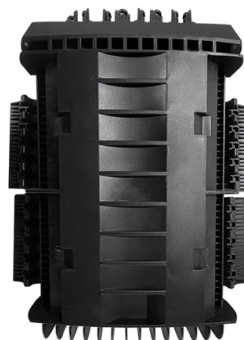


Distribution Box Housing Guide Rail Specification Table and Diagram



AI Overview

Guide rails in distribution boxes are typically DIN rails made of galvanized steel or aluminum, designed to support modular devices like MCBs, MCCBs, and RCDs, with standard dimensions and mounting provisions for secure installation.

Guide Rail Specifications

Feature	Specification / Details
Type	DIN Rail (standard 35 mm width, EN 60715)
Material	Galvanized steel or aluminum for corrosion resistance
Length	Typically 300–600 mm, adjustable based on box size
Mounting	Snap-on or screw-fixed to the back panel of the distribution box
Compatibility	Supports MCBs, MCCBs, RCDs, and modular protection devices
Insulation	Plastic clips or shrouds for self-aligning and electrical safety
Spacing	Adequate clearance between devices to prevent overheating and allow wiring access
Load Capacity	Designed to hold multiple devices securely without deformation
Adjustability	Some boxes provide adjustable nuts and studs for easy removal or repositioning of the panel assembly
Safety Features	Shrouded busbars, IP20 protection covers, and phase barriers to prevent accidental contact

Installation Notes

- **Mounting Orientation:** DIN rails are mounted horizontally inside the distribution box, ensuring proper alignment of modular devices.
- **Device Alignment:** Plastic clips or aluminum profiles with self-aligning features allow easy installation and replacement of MCBs without disturbing adjacent devices .
- **Wiring Space:** Distribution boxes are designed with generous wiring space to accom...

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Distribution Boxes Technical Data

Wiring diagram shows both PNP and NPN wiring. Actual units use PNP status indicator, NPN status indicator, or neither. Dimensions

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Final_product_book_12_curve

GSDB-4030 400x300x190 3 Phase Service Connection Distribution Box/ ABC Distribution Box 11.

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Installation Diagram Open-mounted distribution box installation method: Assemble four bolts into the four holes on the corners and

Contact Us

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