

Dimensions and specifications of the distribution box slot guide rail



AI Overview

The standard distribution box slot guide rail, typically a TS35 DIN rail, measures 35 mm in width and comes in depths of 7.5 mm or 15 mm, made from galvanized steel for durability and corrosion resistance.

Standard Dimensions

- Width: 35 mm (edge-to-edge)
- Depth/Height: 7.5 mm (standard) or 15 mm (deep hat) for heavier components or wider spans
- Length: Commonly 1000 mm, but can be cut to fit specific enclosures
- Perforation/Hole Spacing: 25 mm for flexible mounting of components

Material and Construction

- Material: Galvanized steel or aluminum, providing mechanical strength and corrosion resistance
- Profile: Top hat (TS35) or T-slot, allowing components like terminal blocks, circuit breakers, relays, and power supplies to snap securely into place
- Surface Finish: Galvanized or coated to withstand moisture, mechanical stress, and long-term use

Compatibility and Standards

- Standard Compliance: IEC/EN 60715, ensuring universal compatibility across manufacturers
- Component Fit: Compatible with a wide range of DIN-mountable devices, including PLCs, I/O modules, meters, and motor controllers
- Mounting Flexibility: Perforated design or T-slot allows precise positioning and adjustment of components within distribution boxes

Applications

Use Cases: Mounting in distribution boxes, control cabinets, fuse boxes, meter cabinets, and wall-mounted enclosures

Installation: Can be surface-mounted or used as a hanging rail; components snap on or slide into the rail for quick assembly and maintenance

This standardized design ensures modularity, ease of installation, and long-term reliability in electrical and industrial control systems, making TS35 DIN rails the default choice for most distribution box applications.

Article Content

CABLE TRAY SYSTEMS GUIDE

Material: Side Rails: Fitting side rails are I-beams with overall dimensions similar to straight tray sections. Rungs and Bottoms: Rung and Bottom designs are identical to similar straight cable tray

DIN Rails

Find out more about DIN rails with our DIN rails guide. What are DIN Rails? How to Choose the Right DIN Rail? All these questions and more

Dell EMC PowerEdge MX7000 Technical Guide

The main distribution board is horizontally placed near the chassis floor. From the front of the chassis, the six power supplies plug into connectors on the bottom of the main distribution board. Also from

Linear guide rail systems | Elesa+Ganter

This section provides additional technical specifications on Linear guide rail systems to learn more about the components in the Elesa+Ganter Catalogue.

Everything You Need to Know About DIN Rail

Learn everything about DIN rail, including DIN rail sizes, types, materials, and installation. Discover key specs like DIN rail 35mm x 7.5mm and

Everything You Need to Know About DIN Rail

This guide will provide you with the necessary information regarding the development of din rail and its standards, benefits, types, selection, and

MCB Box 20/26/36 Way, DB Box 26 Way, DB MCB Box

Futina FTTL series DB box 20/26/36 way is divided into two kinds, flush mounted type and surface mounted type. The DIN-rail can be adjustable, and the two

Everything You Need To Know About Din Rails | RS

In our comprehensive guide we look at what din rails are, what they're used for, as well as the different types that are available on the market.

MNS® Low Voltage Distribution Board and Power Cabinet

Features ABB distribution board and power Cabinet conform to GB7251.3-2006. Product includes distribution board, lighting control panel, metering panel, and power cabinet., They are suitable for

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

Guide to DIN Rail Systems

The Complete Guide to DIN Rail Systems: This simple yet critical product is essential to efficient electrical component installation and organization.

How To Choose The Right DIN Rails: The Complete Guide

Common Dimensions and Tolerances DIN rail dimensions are universally specified in metric units (millimeters). Rails are typically manufactured

Everything You Need To Know About Din Rails | RS

DIN rails are the long metal strips that form the core part of a global industry standard component rail-mounting system in equipment cabinet racks.

How To Choose The Right DIN Rails: The Complete Guide

Keep records of the specific DIN rail types, dimensions, and specifications used in each installation. When in doubt, consult with or hire a

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

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 cables from overload and then damage or

What is DIN Rail? Complete Guide to Types, Standards

This guide explores the technical specifications, types, and best practices for DIN rail systems, helping you select and install the right

Hardware — NVIDIA DGX GB Rack Scale Systems

Hardware # DGX Grace Blackwell rack scale systems are rack scale solutions for graphics processing units (GPUs) connected by NVLink through the

What is DIN Rail? Complete Guide to Types, Standards

What is DIN Rail? Definition and Origins The term “DIN” is an acronym for Deutsches Institut für Normung (German Institute for Standardization). While

Final_product_book_12_curve

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

Rail systems

Rail for flexible interior installation on a 25 mm pitch pattern in AX compact enclosures. Now with an increased load-bearing capacity of 100 N for mounting on the integrated enclosure bosses.

DIN Rails -The Ultimate Guide of All the Essential

This is the ultimate guide to DIN rails, providing a comprehensive overview of the basics, types, sizes, installation, and applications of DIN rails. Whether you're a
DIN rails for mounting modular equipment in the electrical distribution ...

Standardized Dimensions: The rails have standardized dimensions, allowing easy integration of various modular equipment. The most commonly used rails are 35 mm wide, although other width options

DIN rail: Basic construction and versions

G-shaped rail for the orderly mounting of components is the oldest rack design, dating back to the 1920s and predating the first DIN-rail

AshwinD24's gists · GitHub

GitHub Gist: star and fork AshwinD24's gists by creating an account on GitHub.

POWER PRODUCT Molded Case Circuit Breakers

Solderless Lugs for use with copper wire UL486B — Wire Connectors and Solderless Lugs for use with aluminum wire UL943 — Ground Fault Interrupters (for personnel protectors) UL1087 — Molded

A Complete Guide to DIN Rail Sizes and Standards

Our expert guide to DIN rail sizes covers all standards, profiles, and dimensions. Learn to select the right TS35, TS32, and TS15 rails for any project.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.sphplantsales.co.za>

Email: info@sphplantsales.co.za

Phone: +27 64 827 3915

Address: Unit 9, Highveld Technopark, 43 Atlas Road, Johannesburg, 2196,
South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

