DIN rail sockets are used in distribution boxes



Overview

DIN rail sockets (also called DIN rail-mounted receptacles/outlets) are mainly used inside distribution boards, control panels, PV combiner boxes, and industrial automation cabinets to supply auxiliary power for tools, maintenance, and panel devices. A DIN rail socket is a standardized electrical mounting component designed for installation on DIN rails (compliant with IEC 60715), enabling rapid deployment and modular expansion. Its core principles include: Mechanical Compatibility: Compatible with TH35 (35mm width) and TS32 standard rails. Bottom Line: A DIN rail socket is an industrial-grade electrical outlet that mounts directly onto standardized DIN rails, providing convenient, accessible power points within control panels and electrical enclosures while maintaining modular design and enhanced safety features. These rails are usually made of cold-rolled carbon steel sheets, either zinc-plated or chromated, to. 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. DIN rails are designed for securely attaching electrical and industrial control products - such as circuit breakers, terminal blocks, power supplies. DIN Rail Mount Sockets, Outlets, Receptacles, GFCI, RCD, Switches. INTERNATIONAL CONFIGURATIONS, INC. DIN RAIL MOUNT POWER OUTLETS, SOCKETS, RECEPTACLES, GFCI / RCD / RCBO CIRCUIT BREAKERS, USB SOCKETS, SWITCHES, RJ45.

© 2026 EXF OPTICAL NETWORKS - All rights reserved

Article Content

DIN Rail Socket: Principles, Applications, and

A DIN rail socket is a standardized electrical mounting component designed for installation on DIN rails (compliant with IEC 60715), enabling rapid

What is a DIN Rail Socket?

Bottom Line: A DIN rail socket is an industrial-grade electrical outlet that mounts directly onto standardized DIN rails, providing convenient,

Important parameters and precautions for purchasing Din Rail Socket ...

DIN rail sockets (also called DIN rail-mounted receptacles/outlets) are mainly used inside distribution boards, control panels, PV combiner boxes, and industrial automation cabinets to...

Understanding DIN Rail: Types, Applications, and

The present article highlights the foremost varieties of DIN rails, their structural and size parameters, and the multiple ways such DIN rails and junction

Everything You Need To Know About Din Rails | RS

DIN rails are designed for securely attaching electrical and industrial control products - such as circuit breakers, terminal blocks, power supplies,

DIN Rail Mount Sockets, Outlets, Receptacles, GFCI,

* DIN rail mount option: Use DIN rail mount bracket #79595X45 together with receptacle outlets, power sockets and electrical devices in our modular devices

Modular Din rail socket manufacturer in china | Anssin

Modular DIN rail sockets are sockets characterized by standard size and modular structure. They can be installed on standard 35mm DIN rails and are usually

Electrical outlets and service interfaces | Phoenix Contact

Along with standard mounting on the DIN rail, these sockets can also be screwed directly onto a suitable surface. Thus, the products can be installed flexibly and

Sockets mounted on a DIN rail | for power supply

DIN rail-mounted sockets are electrical equipment components designed to connect electrical devices and appliances to the power network directly from distribution

DIN rail

© 2026 EXF OPTICAL NETWORKS - All rights reserved

A DIN rail is a metal rail of a standard type widely used for mounting circuit breakers and industrial control equipment inside equipment racks. These products are

What Is a DIN Rail? Basics and Different Types | Polycase

DIN rails are the metal rails inside an electrical enclosure that are used to mount circuit breakers and other types of electrical equipment. Although

DIN Rail Socket: Principles, Applications, and

2. Application Scenarios DIN rail sockets are widely used in modular and fast-deployment electrical systems: Industrial Control Cabinets: Mounting

Microsoft Word

ABSTRACT This paper describes the history and use of the electrical device assembly rail, better known in the electrical industry as DIN-Rail. Originally conceived in Germany, it has become ubiquitous in

What Are Din Rails?

A DIN rail is a standardized metal rail used to mount electrical and automation components inside enclosures. Thanks to international standards,

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.

Everything You Need to Know About DIN Rail

1. What Are DIN Rails? din rail is metal mounting strips used in electrical systems to hold and secure components inside distribution boxes,

Everything You Need to Know About DIN Rails and

Discover everything about DIN rails and mounting in electrical enclosures. Learn what DIN rails are, their importance, and how to choose the

What Is a DIN Rail? Types, Sizes, Applications

Learn what is a DIN rail, how it works, the different types and dimensions (TS35, G-type, TS15), and how to choose the right DIN rail.

© 2026 EXF OPTICAL NETWORKS - All rights reserved

Contact Us

Continue your research online:

Website: https://explosivefunctions.co.za
Technical inquiry: https://explosivefunctions.co.za/contact.html
EU project coordination: Parque das Nações, Lisbon, Portugal

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

© 2026 EXF OPTICAL NETWORKS - All rights reserved