

Rail-mounted distribution box and electricity meter

Article Overview

Rail-mounted electricity meters are compact, modular devices installed on DIN rails within distribution boxes to provide accurate energy measurement, monitoring, and control.

Overview of Rail-Mounted Distribution Boxes

Rail-mounted distribution boxes are electrical enclosures designed to house circuit breakers, relays, and energy meters on a standard DIN rail (typically 35mm). These boxes provide a secure, organized, and space-efficient solution for electrical distribution in industrial, commercial, and residential applications. The modular design allows for easy installation, maintenance, and expansion of electrical systems, ensuring that all wiring connections remain stable even under vibration or movement.

DIN Rail-Mounted Electricity Meters

DIN rail energy meters are compact devices that slot directly onto the DIN rail inside a distribution box. They are used to measure energy consumption, monitor electrical parameters, and support billing or operational control. These meters are available in single-phase and three-phase configurations, with features such as:

- High accuracy and compliance: Many models are MID-certified (Class B or Class 1), ensuring regulatory compliance for trade and billing purposes

Article Content

Jan 10, 2026

Din-Rail 4G Energy Meter: An Innovative Choice For Modern Energy ...

This design allows the meter to be mounted directly on the standard DIN rail of the distribution box, similar to electrical components

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What are the Features and Advantages of a DIN Rail

The DIN rail power meter offers an advanced solution – it's small in size, easy to install

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Din Rail Energy Meter

Blue Jay's DEM series DIN rail energy meters are compact meters designed for standard 35mm DIN rail

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How to Choose the Right Three Phase Rail Meter Box for Reliable

A Three Phase Rail Meter Box is a specialized enclosure designed to house and protect three-phase energy meters

May 15, 2026

Distribution boards components

Distribution boards (generally only one in residential premises) usually include the meter (s) and in some cases

Aug 20, 2025

METSEEM3570A

The EM3570 series offer a three-phases DIN rail-mounted energy meters fitted

Jun 15, 2026

Clipsal Electrical Switchboard Enclosures.

Easy to Install Electrical Switchboard Enclosures MAX9 plastic switchboard enclosures provide extra wiring space for running your

Sep 01, 2025

deltabroch

General Description The DELTAplus Meter is an electronic electricity meter for DIN rail mounting in distribution boards or small

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DIN Rail Power Distribution Systems | Solutions for Compact, Reliable ...

Discover E-T-A's DIN rail-mount power distribution systems. Compact, modular, and easy to install. Ideal for control cabinets and

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Electricity meters

DIN rail mounted electricity meters are designed for high level performance and are safe and fast to install. The DIN rail mounted

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Electricity meters

The EQ meters are high-performing, modular DIN rail mounted electricity meters that are safe and easy to use. Designed for simple

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DIN Rail Mount Power Distribution Systems

Discover E-T-A's DIN rail-mount power distribution systems. Compact, modular, and easy to install. Ideal for control cabinets and

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Energy Meters

DIN-rail mounted electricity meters for billing, cost sharing or allocation and sub-metering.

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QWORK Digital DIN Rail AC Power Meter 40-300V 100A 6-in-1

Includes a built-in CT for streamlined wiring. SIMPLE RESET & INSTALLATION: Easily clear kWh data by holding the

Mar 11, 2026

EM513082 DIN-Rail mount modules Three-phase MID electricity meter ...

DIN Rail Mounting: Easy installation in electrical panels and distribution boards.
RS485 Modbus Communication: Enables remote

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DIN Rail Meter: Everything You Need To Know | CHINT global

There is quite a large gap between equipment, electricity meters, and their power usage, resulting in a significant loss

May 08, 2026

How Does a Three Phase Rail Meter Box Work?

The Three Phase Rail Meter Box is a critical component in modern electrical distribution systems, especially in

Apr 26, 2026

Elecnova: Din Rail Mounted Electric Meter, Din Rail Voltage Watt Meter

Unlock the future of power management with our top-tier Din Rail Mounted Energy Meter. Experience unparalleled accuracy with our

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Hensel | Electrical installation and power distribution

The Gustav Hensel GmbH & CO. KG is a leading company specialising in the manufacture of innovative

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Distribution Boards

Shop ARB's range of robust and efficient distribution boards, ensuring reliable power distribution and safety in your electrical setups.

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Energy Meters

ABB's complete DIN-rail energy meters offer facilitates the identification of improvement areas, allowing

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Reticulation Product Range

Pole-Mounted Metering Enclosures This range is mostly installed in low-cost housing projects where

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DIN Rail Mounted Meter | Single and 3 Phase Energy Meter

Eastron Europe single and three phase DIN rail mounted meters enable efficient energy management. They are MID certified to

Dec 11, 2025

DIN Rail 3-Phase Meters

What is a DIN Rail Three-Phase Electric Meter? A three-phase electric meter mounted on a standard DIN rail makes for an easy and

Jul 01, 2026

Elecnova: Din Rail Mounted Electric Meter, Din Rail Voltage Watt Meter

This series of din rail mounted energy meter adopts a modular structure, which makes the din rail mounted energy meter convenient

Jul 23, 2026

SIBASS Heat Aerosol Fire Extinguishing Device, Din

Product description This Heat Aerosol Fire Extinguishing Device is a compact and reliable automatic fire

Dec 31, 2025

Microsoft Word

NRS 032: Electricity distribution — service distribution boxes: pole-mounted types for overhead single-phase a.c. service

Nov 29, 2025

Single-phase DIN rail Energy Meter Guide | Eastron Europe

A Single-phase DIN rail energy meter is a compact device engineered to be mounted in distribution panels via DIN rails. It measures

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12 Types of Electrical Boxes and How to Choose

Learn about the many common types of wall and ceiling electrical boxes for switches, outlets, light fixtures, ceiling

Contact Us

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