Price of rack-mounted relay protection devices



Overview

Discover rack mount power distribution units designed for network servers and data centers. Find models with surge suppression and individual outlet control.

Key Takeaways

Rack-mounted relay protection devices typically range from $500 to $5,000 per unit, depending on features, size, and manufacturer. OverviewRack-mounted relay protection devices are used in high-voltage substations, industrial control panels, and switchboards to provide protection, monitoring, and control functions. Common types include: Modular relay racks like the saTECH MS system, available in 4U, 5U, and 6U sizes, designed for substation-grade relays and test blocks.

M Series modular relay cases, which meet international standards for 19-inch rack mounting and include optional CT shorting switches, blanking plates, and frames.

I/

O relay module racks, which interface multiple relay modules with field wiring for industrial automation and protection systems.

Rack-mount I/

O modules such as the SEL-2506, which expand digital inputs and outputs for protective relays and support fiber-optic communications.

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Price Range

Basic modular relay racks (empty or with standard test blocks) generally start around $500–$1,500. Fully equipped protection relay racks with substation-grade relays, I/O modules, and fiber-optic communication capabilities can range from $2,000 to $5,000 or more, depending on the number of relays, I/O channels, and additional features. Specialized or custom configurations with advanced monitoring, labeling, or environmental protection may exceed $5,000 per rack.

Factors Affecting Price

Rack size and modularity – Larger racks (5U–6U) and modular systems with flexible configurations cost more. Relay type and brand – Substation-grade relays from manufacturers like SEL or Morssmitt are more expensive than standard industrial relays. Additional features – Fiber-optic communication, CT shorting switches, blanking plates, and environmental protection (IP ratings) increase cost.

Supplier and region – Prices vary by distributor, shipping, and local import duties. For accurate pricing, it is recommended to contact suppliers directly such as Arteche, Morssmitt, SEL, or distributors like DigiKey, as they can provide quotes based on the exact configuration and quantity required.

Article Content

Amazon : Rack Mount Surge Protector

Discover rack mount power distribution units designed for network servers and data centers. Find models with surge suppression and individual outlet control.

Rack mounting system for protection and control panels

Designed to operate in high-voltage substations and demanding industrial environments, the saTECH MS relay and test block mounting system offers

10-Outlet 1U Horizontal PDU Rack Mount Power Strip

With 1800 Joules surge protection, the power outlet withstands spikes and fluctuations. The network-grade full metal rack-mount PDU power strip with 10 outlets, is satisfied with the simultaneous use of

Relays | I/O Relay Module Racks | DigiKey Electronics

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M Series Modular Rack Mount Protection Relay Cases

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The M Series has been specifically designed to meet the demanding & varied requirements for protection relay applications in power utility sub-station environments.

SEL-2506 Rack-Mount Remote I/O Module

The SEL-2506 Rack-Mount Remote I/O Module has eight digital inputs, eight digital outputs, and a fiber-optic communications port. Connect an SEL-2506 to a fiber-optic port or transceiver on a protective

10 Best Rack-Mount Surge Protectors for Securing Your Server Rack

Boost your rack''s defense with 10 top-rated 1U surge protectors — find the perfect high-joule, 15A model to protect uptime and learn which to avoid.

Automotive Relay Mount Brackets and Modules | RS

Mount adaptors are used to safely secure relays in place, usually inside equipment racks or cabinets. They are designed to ensure a strong and durable installation.

MTL RackPro Surge Protectors

The RackPro Series is constructed with an all steel case and designed with competitive specifications to cover all rack mount surge needs. Equipped with status indicator lights, the RackPro

Relay Accessories

RTXV protects against misoperation of auxiliary relays due to voltage transients and other surges, and is intended for trip relays or any critical auxiliary function requiring pick-up voltage control.

Products

SEL introduced the world''s first microprocessor relay in 1984, revolutionizing the power protection industry by offering fault locating and other features for a fraction of the cost of earlier systems. In the

Hubbell Incorporated | Electrify & Energize

Hubbell Incorporated is a leading manufacturer of utility and electrical solutions enabling customers to operate critical infrastructure safely, reliably, and efficiently.

maltego/top100Kenglishwords.txt at master

Custom Maltego transforms. Contribute to michenriksen/maltego development by creating an account on GitHub.

All Products | Schneider Electric India

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SIPROTEC Protection Relays | Siemens

SIPROTEC: Multifunctional protection relays Experience the benchmark in grid protection, automation, and monitoring! SIPROTEC 5, built on extensive field experience, offers comprehensive

Relay Panels

Rack mount panels are custom fabricated to meet customer''s requirements. All equipment is mounted and wired according to customer''s specification. Most racks are seismically qualified according to

Reyrolle protection relays

The comprehensive range of Reyrolle products provides the total protection requirements of distribution markets and industrial applications – ranging from overcurrent protection via transformer protection

Relay Racks

The Relay Racks are ideal for mounting electronic and test equipment, telephone equipment, communications circuit accessories, patch panels, datacom and telecom equipment, and other

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Technical inquiry: https://cjcconsultants.co.za/contact.html

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

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