

Simplified Price Chart for Electrical Relay Protection



AI Overview

Protection relays typically range from \$3 for basic PCB units to \$200 for high-end industrial or specialized protection relays.

Relay Type	Specifications	Approximate Price (USD)	Notes
Basic PCB Relay	5A, 120V coil, standard enclosure	\$1–\$5 per unit	Small signal or general-purpose relays, low-cost, suitable for simple circuits
Industrial Relay	12A, 24V coil, enclosure, snubber, wiring harness	\$25–\$60 per unit	Higher current capacity, includes protective features, suitable for industrial applications
High-End Protection Relay	30A, 120/240V, integrated surge protection, cabinet installation	\$100–\$200 per unit	Specialized protection relays with integrated networks, solid-state designs, or enclosures
Electromagnetic Protection Relay	Varies by brand, certification, and features	\$10–\$150+	Price influenced by UL/CE/ISO certifications, remote control, communication interfaces, and quantity purchased

Key Factors Affecting Price

- Coil Voltage and Contact Rating:** Higher voltage (e.g., 120V AC, 240V AC) and higher current ratings increase cost.
- Enclosure and Installation:** Enclosed or cabinet-mounted relays with surge protection are more expensive than PCB-mounted units.
- Special Features:** Remote control, communication interfaces, overload protection, and smart monitoring add to the price.
- Certifications and Quality:** Relays meeting UL, CE, or ISO standards typically cost more.
- Quantity and Supplier:** Bulk purchases often reduce per-unit cost; different distributors may offer varying prices.

Practical Notes

- Maintenance and Replacement:** High-use systems may require spare relays; solid-state relays offer longer life but higher replacement costs.
- Budgeting:** For project planning, consider both per-unit cost and installation/labor expenses. For example, a 12A industrial relay may cost \$25–\$60 per unit, but total installed cost c...

Article Content

Electromagnetic Relays Price List

Electromagnetic relays are important electrical devices widely used for circuit control and switching operations and play a key role in various applications. The price of electromagnetic relay varies

Relay Cost Guide: Price Ranges for Types, Specs, and Install 2026

Buyers typically pay a range for relays, and cost is driven by relay type, coil voltage, contact rating, and packaging. This guide presents practical price estimates in USD, with

Relays Part 4: The Protective Relay Basic Theory

Protective relays are tested through three methods bench, commissioning, and maintenance testing. Protective relays find application in fault detection in a circuit, electrical

ABB Distribution Automation Protection Relay Price List

ABB-Relay-Selection-Tool-Medium Voltage - Free download as Excel Spreadsheet (.xls), PDF File (.pdf), Text File (.txt) or read online for free.

China Protection Relay, Protection Relay Wholesale, Manufacturers ...

The Protection Relay is an essential part of our Relay offerings. Key relay trends include smart relays with improved switching, plus energy-efficient and compact OEM relay solutions. Electrical

Circuit Protection Simplified: All About Electrical Relays

Discover the crucial role of electrical relays in circuit protection. Gain insights on how to select and use relays effectively to safeguard electrical systems.

Merz Price Differential Protection for Transformer

Merz price differential protection is used to protect the transformer from internal short circuit, Internal ground faults and inter turn shorts.

Protective Relay Market Report 2024-2030 [345 Pages

The global market for protective relay is experiencing significant growth, driven by several key factors. Firstly, the increasing demand for reliable and uninterrupted

Types of Protective Relays

This article covers various types of protective relays, such as overcurrent, directional, and differential relays, highlighting their operating characteristics and

Protection Relays | Overcurrent, Differential & Distance

Explore protection relays for transformers, generators, and lines. Overcurrent, differential, and distance relays for reliable fault detection.

Types of Electrical Protection Relays or Protective Relays

□□ Key learnings: Protective Relay Definition: A protective relay is an automatic device that senses abnormal conditions in electrical circuits and

How Much Does a Relay Cost? From Types to Specifications

A relay is an electrically operated switch designed to allow a low-power electrical circuit to safely control a high-power circuit. This separation is achieved through an electromagnet that

Relay Price

Find reliable relay prices for various applications. Shop our selection of automotive, industrial, and modular relays. Buy direct from trusted suppliers.

ABB Electrification Price List 2025 | PDF | Electrical Grid | Relay

The document is a price list for ABB's electrification products effective from April 2, 2025, detailing a wide range of low and medium voltage solutions for various industries.

price-list

Numerical Relay | ODS SWITCH MODELS | Outdoor Lights | Pilot Device | Plug & Socket | Pluggable relays | Power Factor Relay | Power Quality Products | Products | Protection Relay | RCBO | RCCB |

Relay control and protection guides

Protection Relays The relay is a well known and widely used component. Applications range from classic panel built control systems to

Schneider Switchgear Price List 2025 | PDF | Relay

The document is a price list for switching and controlling products effective from February 3rd, 2025, detailing various TeSys products including power

What Is A Protective Relay And Why It Matters

What is a protective relay? It monitors electrical conditions and decides when circuits must be disconnected to prevent damage and safety risks.

Protection relays — ABB Group

The main purpose of protection relays is to observe the electrical grid and make protection decisions autonomously so that flow of electricity passes safely through the distribution network. ABB's smart

Practical handbook for relay protection engineers | EEP

Relay protection circuitry This handbook covers the code of practice in protection circuitry including standard lead and device numbers, mode of

General Purpose Relay Price List: A Comprehensive Guide for Buyers

As a buyer, understanding the general purpose relay price list is essential to make informed decisions. This article provides a comprehensive guide to the general purpose relay price list, helping you

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Protection Relay:Types, wiring diagram and working principle.

Protection relay is an electromechanical monitoring safety device which senses fault and provide trip signal to the breaker as per set value in LT and HT panel. The Protection devices is over current

protection relay price: Best Deals in 2025

Digitalization reshapes pricing dynamics, with microprocessor-based relays now dominating 68% of new installations. These devices offer advanced features like fault diagnostics

Price for Protection Relays

To use price for protection relay effectively, it is crucial to understand their specifications and match them to the intended application. Begin by identifying the load requirements, such as voltage and

Protective Relay Decisions In Electrical Protection

A Protective relay determines when and how electrical faults are isolated, shaping coordination, selectivity, and system stability during abnormal conditions.

Contact Us

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