

# ABB Switch Relay Protection



## Overview

ABB's Relion family of protection and control relays for primary distribution offers a wide range of products for protection, control, measurement and supervision of power distribution systems for IEC and ANSI applications – from generation and interconnected grids in primary. ABB's Relion family of protection and control relays for primary distribution offers a wide range of products for protection, control, measurement and supervision of power distribution systems for IEC and ANSI applications – from generation and interconnected grids in primary. Numerical relays are based on the use of microprocessors. The first numerical relays were released in 1985. Numeric. To prevent this from happening more than one million protection and control relays from ABB supervise electricity distribution networks in over 100 countries, enabling the safe and reliable distribution of electric power. ABB's. ABB Relays-Online makes finding, selecting, ordering, and tracking of your next digital substation product order quick and easy. Increase the reliability of process equipment with control devices that.



## Article Content

Apr 15, 2026

Electronic relays and controls | Products | ABB

ABB offers the most extensive range of electronic timers, measuring and monitoring relays, interface relays and power supplies in the industry – allowing you to source your critical components from one

Sep 15, 2025

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

Apr 26, 2026

Protective Relay Basics

Traditionally, protective relays were electromechanical devices utilizing induction disk, coils, contacts, and solenoid elements to determine protective characteristics.

Jul 04, 2025

Basic protection relay knowledge

On the other hand, unselective protection operation in the extra high voltage network – i.e. at the national grid level- may endanger the stability of the whole power system, possibly leading to a

Jun 11, 2026

NF22E-13 | ABB

The NF22E-13 is a 690 V IEC or 600 UL 4-pole contactor relay with screw terminals, used for switching auxiliary and control circuits. Thanks to the AF technology, the

Mar 20, 2026

Motor protection and control

Vibration, torque, and other mechanical limits Nature of the process Environment of motor, associated switching device Hot and cold permissible locked-rotor time and permissible accelerating time Time

Mar 29, 2026

Multiapplication protection and control

The modular design makes it easy to adapt to changing protection requirements for the lifetime of the device. Continuous access to new incrementally released

May 08, 2026

#### Protection relays — ABB Group

ABB's smart protection technology ensures smooth and safe everyday life without blackouts. ABB released its first programmable relays based on the use of microprocessors in 1985. ABB's Relion®

Aug 18, 2025

#### Electromechanical relays

ABB electromechanical relays have protected the power system for more than 100 years, and with the proper inspection, maintenance, and testing techniques,

Feb 03, 2026

#### Voltage protection REU611

The voltage protection relay is used for a wide variety of applications, including busbar, power transformer, motor and capacitor bank applications. REU611 is a member of ABB's Relion ® family

Jan 27, 2026

#### Voltage protection and control

Voltage protection is the most basic protection in a power grid. The objective of a protection scheme is to keep the power system stable by isolating only the components that are under fault, whilst leaving

Aug 19, 2025

#### Multiapplication protection and control

Freely configurable all-in-one protection devices represent a flexible and cost-effective choice. ABB's multiapplication protection and control offering covers the

Nov 06, 2025

#### Basic protection relay knowledge

A fast and selective arc fault mitigation for air-insulated LV & MV switchgear and Relion protection and control relays and sensor technology protect staff and plant facilities for many years.

Nov 05, 2025

#### Secondary Protection Relays

ABB Relion REF601 is an entry-level feeder protection and control relay for secondary distribution. ABB Relion REF601 provides an optimized composition of protection, monitoring and control functionality

Sep 29, 2025

ABB Relays-Online

On ABB Relays-Online you can access all the digital tools and services for ABB's Digital Substation Products, such as protection relays, communication devices, and software.

May 21, 2026

Buy ABB Electrical Products Online in India | Switches,

Buy ABB Modular Switches, MCB, RCCB, ACB, MCCB, MPCB, Contactors, Soft starters, Switchgear Products, and many more with GST invoice from ABB

Jul 23, 2025

Digital Protection Relays | ABB Electrification U.S.

For new applications where reliable operation is essential, in harsh environments, or in existing installations where an exact replacement is required. Offering the widest range of products for the

Mar 04, 2026

[relays.protection-control.abb](#)

ABB Relays-Online makes finding, selecting, ordering, and tracking of your next digital substation product order quick and easy. The modular e-business platform

Jun 22, 2026

ABB | Grid Components | Centralized virtualized protection

ABB's centralized virtualized protection simplifies medium-voltage grid management. Cut costs and improve safety with smart tech. See how it works.

Dec 17, 2025

13 Control and protective relays

Section 13 Control and protective relays Table of contents Limit switches

Apr 30, 2026

Digital Protection Relays | ABB Electrification U.S.

Digital Protection Relays Electromechanical Relays For new applications where reliable operation is essential, in harsh environments, or in existing installations where an exact replacement is required

Jun 01, 2026

Primary Protection Relays | ABB

ABB's Relion family of protection and control relays for primary distribution offers a wide range of products for protection, control, measurement and supervision of power distribution systems for IEC

Mar 29, 2026

All Products | Schneider Electric India

Ranges: 2 Motor starters are key electromechanical switches. They start and stop motors, providing overload Contactors and Protection Relays Ranges: 37 A power contactor is an electrical device

## Contact Us

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