

Special Relay Protection Card



Overview

These DC to DC solid state relay card are available in 2-channel / 4-channel / 8-channel space saving din rail versions. Protected SSR card are having short circuit, over load protection and open load detection with fault indicator for individual channels. General purpose switching cards fitted with 25, 32, 50 or 64 high quality reed relays. Select modules are supplied with our. GE Vernova's Protection, Control, and Metering solutions deliver precise, high-performance automation for today's evolving grid. From advanced relays to multifunction meters, our portfolio helps utilities enhance reliability, streamline operations, and accelerate the energy transition. It provides potential-free contacts at the outputs, which can be configured optionally as N/O or N/C contacts and which can be used as binary input for the SPS or building control systems. Tapping occurs via a sub-D-slot and, in.



Article Content

Aug 08, 2025

Protection, Control & Metering

GE Vernova's Protection, Control, and Metering solutions deliver precise, high-performance automation for today's evolving grid. From advanced relays to

Dec 16, 2025

Protective Relay Basics

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

Feb 19, 2026

Protective Relaying Principles and Applications

Protective Relaying Principles and Applications The article provides an overview of protective relaying principles and their applications for high-voltage power system

Nov 22, 2025

Reyrolle Intertripping, Interposing, Supervision and Special Purpose

lays are developments for specific applications of the type AR relay range. They are electro-mechanical relays with a consistent positive action, a long service life and complying with the appropriate

Mar 13, 2026

Relay-to-Relay Digital Logic Communication for Line Protection ...

INTRODUCTION Protection engineers, in concert with protective relay and communication product manufacturers, strive to achieve fast tripping for all transmission line faults through the use of

Nov 01, 2025

How to use Lockout Relay (master trip relay) in

Practical applications of lockout relays on mainstream switchgear and protection and adaptations in modern digital power substations.

Oct 20, 2025

Power Electronics

Protected SSR cards are useful in harsh environments where solenoids are about to get burnt. These SSRs protect themselves from getting permanently shorted and prevent

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Everything You Need to Know About Relay Cards for UPS Systems

What are the benefits of using relay cards for UPS systems? Relay cards provide real-time monitoring, automated system shutdowns, and improved equipment protection during power events. Can relay

Jun 14, 2026

Special loads

If special loads such as inductivities or high inrush currents are to be switched or monitored safely and reliably, you need individually tailored relay modules and

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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

Jan 29, 2026

Universal protection relay SIPROTEC 7SY82

Universal protection device with patented universal LPIT input. One device type for the protection, automation and control functions in MV applications.

May 07, 2026

Relay Cards

The relay cards are an option for the UPS series with expansion slot. It provides potential-free contacts at the outputs, which can be configured optionally as N/O

Sep 27, 2025

SEL-411L Advanced Line Differential Protection, Automation, and

SEL revolutionized the protection industry by building the first microprocessor-based protective relays. These relays integrated, economized, and simplified the art of transmission line protection while

Jul 16, 2025

Auxiliary Relay Card | Elsema

Auxiliary Relay Cards When you have to switch large loads with open collector outputs or small relays, the auxiliary relay cards can be used. The relay card will

Jan 12, 2026

Best relay protection practices applied to shunt reactors

Connections & required protections This technical article explains the protection practices applied to shunt reactors and capacitors as well as to static

Jan 15, 2026

PCI General Purpose Relay Cards

General purpose switching cards fitted with 25, 32, 50 or 64 high quality reed relays. Available in SPST, DPST or SPDT configurations. 2 Amp switching cards based

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Auxiliary Relay Card | Elsema

The auxiliary relay cards are designed to switch large electrical loads using open

Jun 11, 2026

PCI-IDO-48(A) Series Solid State Relay Cards

These cards are ideal for use in control and instrumentation applications where high-voltage protection is required. Individual channel-to

Jun 08, 2026

Special Relay Functions Cheat Sheet

Special Relay Functions Cheat Sheet This document provides information on special auxiliary relays (M) and special data registers (D) for a programmable logic

Jun 25, 2026

Special Relays

These devices switch frequently, noiselessly and faster than mechanical relays. They are especially suitable for the use in trucks, buses, agricultural vehicles and

Aug 14, 2025

SIPROTEC Protection Relays | Siemens

SIPROTEC: Multifunctional protection relays Experience the benchmark in grid protection, automation, and monitoring! SIPROTEC 5, built on

May 08, 2026

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.

Jan 06, 2026

Protection System in Power System

This portion of our website covers almost everything related to protection system in power system including standard lead and device numbers,

Dec 06, 2025

Motor protection relay REM610

These protection relays can be used with both circuit-breaker and contactor-controlled motor drives in a variety of applications. As these relays are enhanced with an optional add-on card for RTD sensors

Oct 23, 2025

Practical handbook for relay protection engineers | EEP

Also principles of various protective relays and schemes including special protection schemes like differential, restricted, directional and distance

Jul 26, 2025

Reyrolle | Siemens

Siemens Reyrolle products meet the comprehensive protection requirements of industrial applications, from overcurrent protection and voltage control to auxiliary

Nov 26, 2025

SPS-brochure 02.doc

Special Protection System (SPS) Special Protection System (SPS) or Remedial Action Scheme (RAS) as defined by NERC is designed to detect abnormal system conditions and take predetermined,

Nov 24, 2025

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

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