Current Matters

Siemens Protection Devices Ltd

Protecting your electrical assets ... today and tomorrow

New products

Your guide to the newest arrivals, including the extended fast track system and the latest products to market

Welcome to issue one

Dear reader,

Welcome to the first edition of Current Matters, our customer newsletter that will keep you up to date with the latest news from our business. This newsletter will be produced quarterly and will include information from the latest in research and development to updates on new products, software and product enhancements.

In this issue we will share information about our latest products introduced to market as well as information on our extended fast track ordering system.

I hope you find this newsletter of value, and if you are interested in further information, please contact: john.leach@siemens.com

Editor
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John Leach

Head of business development and marketing

Contents

IEC 61850

The IEC 61850 protocol implementation on the Ethernet EN 100 module, utilized on the Reyrolle products, benefits from the knowledge and expertise of Siemens who are world leaders in this field with several years service experience gained through the large number of installed Siprotec relays.

New Reyrolle 7SR23 DAD High Impedance Protection

Based on decades of experience in High Impedance Protection, Siemens has developed the 7SR23 DAD relay which provides comprehensive, configurable high impedance protections with enhanced functionality and performance. Relay functionality is accessed via our familiar user friendly interface.

What is High Impedance Protection?

Proven, straightforward, high performance protection! The high impedance principle provides a unit protection used in restricted earth fault, busbar and connections protection schemes. It ensures sensitive, high speed operation for internal faults and guaranteed stability during external faults.

By incorporating the latest technology, including IEC 61850, we have designed a dedicated High Impedance Relay that offers increased protection functionality and performance, whilst retaining the familiar look and feel of the Reyrolle product range.

Did you know?

SPDL have launched a new promotional dvd. To view it, please click here

Latest Reyrolle 7SR2 Series

Under the well established Reyrolle brand we have incorporated our accumulated experience in protection to provide the latest hardware platform to secure your present and future needs.

All models now have optional IEC 61850

High Flexibility

Highly comprehensive protection functionality complemented by an advanced range of integral application functions reduces installation, wiring and engineering time.

Efficient Investment

Protection, Monitoring, Instrumentation and Metering with integrated input and output logic, data logging & fault reports are all provided.

Easy to Use

User friendly operation with a familiar look and intuitive feel allow the relay to be programmed quickly, without additional training.

Platform Features:

- User Friendly Menu Structure Familiar Front Keypad

- Large Scalable Number of Inputs & Outputs

- Front USB Port with up to 3 Rear-Ports. Multiple Protocols in a Single Device

- Up to 12 User Programmable Function Keys

- Tri-Coloured LED's

- Withdrawable Cases; 1A and 5A CT Input as Standard

- Universal Power Supply

Further 7SR2 Devices

Based on this platform the following devices are available:

- 7SR210 Argus: Non directional overcurrent and earth fault protection

- 7SR220 Argus: Directional overcurrent and earth fault protection

- 7SR224 Argus: Recloser directional overcurrent and earth fault protection

- 7SR23 DAD: High impedance protection

- 7SR24 Duobias: Transformer differential protection

> **Delivery of relays within 7 days ex works**

Fast track ordering system now available

Siemens has extended its fast track delivery service to include protection devices from the Reyrolle range of relays.

The general mode of dispatch used for fast service is 'Courier'.

For countries with import restrictions for couriers in relation to value or weight, delivery takes place by air freight.

Additional charge: +25% of list price.

The Reyrolle products listed to the right are available as fast track service with a delivery time of seven days ex works. A maximum ordering quantity of five pieces is available without further consultation.

Products available for fast track ordering:

7PG11 (AR type)
7PG15 (TR type)
7PG17 (XR type)
7PG2111 (Solkor R/Rf)

7SR11 (Argus C)
7SR12 (Argus C)
7SR21 (Argus M)
7SR22 (Argus M)
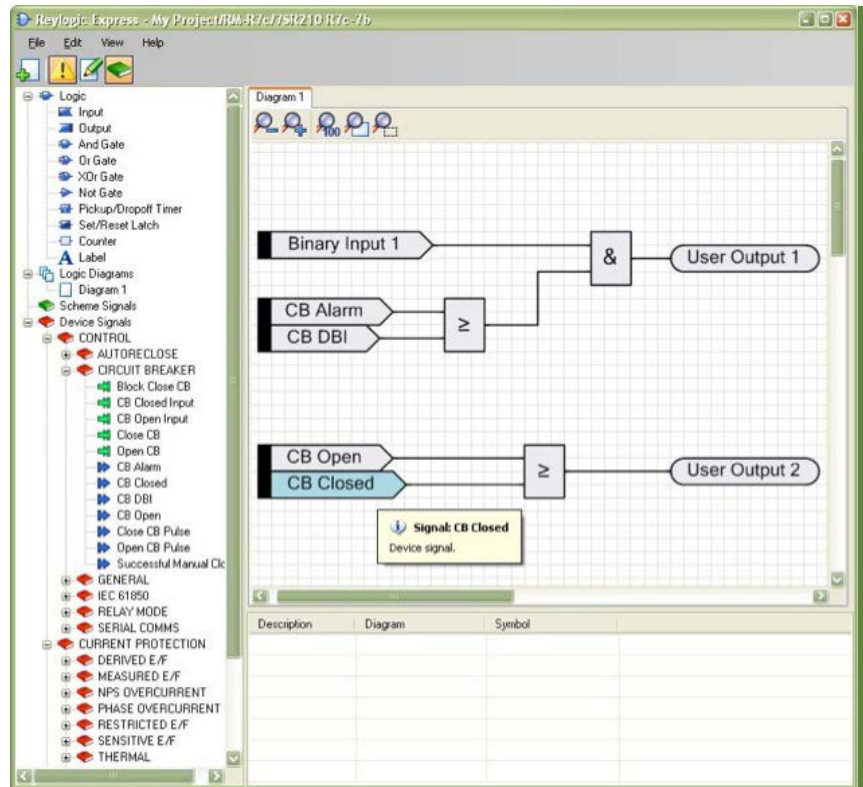7SR23 (DAD)
7SR24 (Duobias)

7XG2220 (RMLG)
7XG2240 (RMLB)

Did you know?

SPDL have produced 27,000 devices in the last 6 months

Introducing Reydisp Manager

Reylogic Express drag and drop interface

Reydisp Manager is a project based configuration tool used to configure Reyrolle protection devices. Multiple devices can be configured in a single project. Reydisp Manager can configure multiple devices offline and can then synchronise the project settings when the protection devices are connected, either through USB or Ethernet, depending on the product.
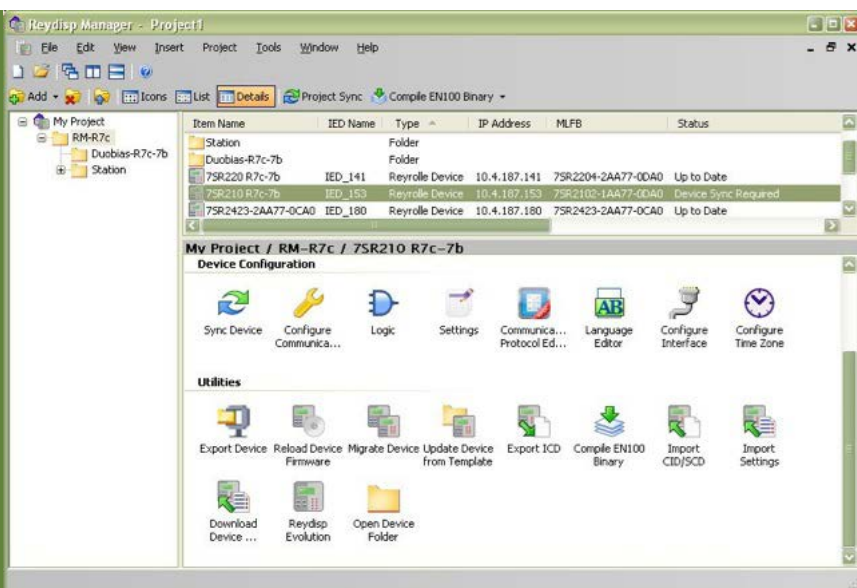
Reydisp Manager provides a suite of tools to allow the user to configure the Reyrolle 7SR2 relays which can be downloaded from the website. Staying true to the Reyrolle brand, our focus is to ensure a user friendly interface to provide a seamless and easy to use engineering workflow. The software manages the relay configuration and includes the following features:

• Settings editor and management
• User interface language editor
• Import/export of ICD/CID files
• Ethernet interface configuration
• Serial protocol communication editor
• Graphical logic editor
• File management at relay configuration
• Upgrading of relay firmware

The inclusion of a graphical logic tool, Reylogic Express, provides the user with increased relay flexibility and functionality. This defines logic schemes to meet the users application needs. A simple drag and drop interface allows custom logic schemes to be quickly and easily created.

With the optional System Configurator component, full IEC61850 configuration can be performed, allowing multiple IEC61850 devices to communicate with each other as part of the protection scheme. The System Configurator allows IEC61850 capable Reyrolle 7SR2 products to send and receive GOOSE messages and allows the user to pre-define datasets for reporting.

Reydisp Manager configuration tools