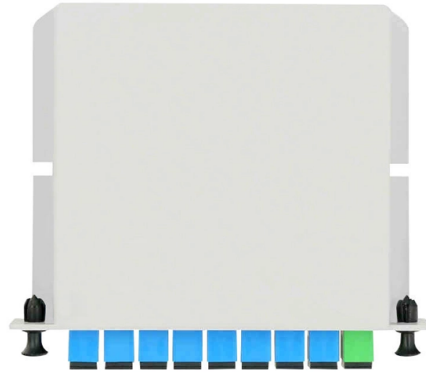


How is the Swedish relay protection company



Overview

Trafikverket has chosen the RER670 from ABB's globally acclaimed Relion ® product family for transformer and line distance protection for close to 50 stations across the country. The solution is designed to ensure advanced interoperability and resilience of mission critical systems. ABB Group is a Swedish-Swiss technology company, that operates in the fields of electrification and automation. The first installation was made in 1905. ABB has delivered many millions protection and control devices throughout the world. The main purpose of protection relays is to observe the electrical grid and. Hughes OVX is the world's first solid insulated high voltage vacuum circuit breaker for 72-145 kV in railway feeder substations and electrical transmission system applications. EOA600 motor operating drive for disconnectors in railway applications is characterized by its innovative design and is a. As a result, the government agency has signed a 2-year extendable frame contract with ABB to upgrade its system with more than 400 devices of the new Relion ® RER670 intelligent electronic device (IED) for railway applications.

Article Content

Protection relays

Numerical relays are based on the use of microprocessors. The first numerical relays were released in 1985. A big difference between conventional electromechanical and static relays is how the relays ...

100 Years of Relay Protection, the Swedish ABB Relay History

The next era was static or electronic relays, which were introduced in the 1960s. The present era with microprocessor based relays started in the beginning of the 1980s, where microprocessor performed ...

Swedish Transport Administration selects ABB for protection of power ...

While ABB has supplied its REO517 for protection to Trafikverket for years, this is the first time the administration has chosen ABB's RER670 for line and transformer protection. The new technology is ...

What is NUS?

Nowadays we use relay designations from ANSI, IEC 60617 and IEC 61850. But I like to push for the use of the "oldies" from Sweden! You still find them a lot in relay schema, test protocols...

100 Years of Relay Protection in Sweden

Some key points: - ASEA developed the first stand-alone protection relay in 1905 and first remote controlled station in 1925. - Product development began focusing nationally but soon took a global ...

Protection Application Handbook

The booklet gives a basic introduction to application of protection relays and the intent is not to fully cover all aspects. However the basic philosophy and an introduction to the application problems, ...

Relay Protection System Implemented

"We have successfully implemented a relay protection for Energy Networks (E.ON), enhancing device management and documentation control." E.ON, is one of Sweden's largest electricity distribution ...

HUGHES POWER SYSTEM Swedish Autorecloser (Recloser) ...

HUGHES POWER SYSTEM a Swedish manufacture of autoreclosers, reclosers and protection relays for overhead lines and substations, voltage transformers, motor operators, circuit breakers, vacuum ...

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.

Contact Us

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