The aim of this course is to familiarize the participants with programming and communication configuration of REX640 Protection and Control Relay.

Objectives

After this course the participant will be able to:

- Know the programming principles for REX640
- Create the relay configuration with PCM600
- Modify the existing configurations
- Create and modify the touch screen configuration
- Manage the relay configurations
- Create GOOSE communication
- Create process bus communication

Prerequisites

Basic knowledge of protection relays and the electrical network to be controlled.

Topics

- Most common configuration tasks of REX640
- REX640 hardware
- Application packages
- PCM600 tools for relay configuration
- Configuration of the protection, control and measurement functions
- Configuration of the disturbance recorder
- Local HMI programming
- GOOSE configuration
- Process bus configuration

Participant profile

Substation operators, system engineers and persons who want to learn to program REX640 Protection and Control Relay.

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