

# REX640

## Programming

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

### Participant profile

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

### 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

Course Code	P268
Duration	2 days
Course Fee	Online training free of charge
Language	English
Registration	For registration please contact Vaasa.ABBuniversity@fi.abb.com