

Relion® 615 series

- Operation & Engineering

The aim of this course is to familiarize the participants with the operation, setting and engineering of 615 series of IEDs by using REF615 feeder protection relay and PCM600.

Objectives

After this course the participant will be able to:

- perform all the basic operations from the local HMI (Human Machine Interface).
- read and clear events and alarms
- manage the relay settings
- upload disturbance recordings
- program the relay inputs, outputs, alarm LEDs and functions
- modify an application configuration
- engineer the GOOSE communication

Participant profile

System engineers, maintenance engineers and persons who want to learn to operate and engineer 615 series of relays.

Prerequisites

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

Topics

- Introduction to REF615, RED615, RET615, REU615 and REM615
- Presentation of PCM600 tool
- Local HMI, Web HMI
- Setting the relay (LHMI, Web HMI, PCM600)
- Setting and reading the disturbance recorder
- Signal Matrix Tool (SMT)
- Graphical Display Editor (GDE)
- Application Configuration Tool (ACT)
- GOOSE engineering

Course Code	P261
Duration	2 days
Course Fee	1 000 EUR
Language	English
Registration	For registration please contact Vaasa.ABBuniversity@fi.abb.com