

MV Protection Relay Application

The aim of this course is to present general protection principles and relay settings in the medium voltage distribution network.

Objectives

After this course the participant will be able to:

- The type of faults appearing in power systems
- Different protection principles
- Parameter setting calculation

Participant profile

Relay protection and maintenance engineers, system and sales engineer

Prerequisites

Basic knowledge of electrical engineering and protection relays

Topics

- Introduction to various protection applications in the distribution network
- Common faults in power system
- Current and voltage transformers for protection purposes
- Main operation principles of protection relays
- Overcurrent protection
- Earth-fault protection
- Transformer differential protection
- Motor protection
- Generator protection
- Disturbance recording
- Practical training with protection models (2 days hands-on training)

Course Code	P202
Duration	5 days
Course Fee	3 500 EUR
Language	English
Registration	For registration please contact Vaasa.ABBuniversity@fi.abb.com