

# Operation and programming Multifunction Protection and Switchgear Control Unit REF542plus



## Training objective

In this product training you are trained on safe operation and testing of field control devices as well as their programming. An effective training is ensured by small group sizes.

## Participant profile

This training is targeted to Operators, Engineers in operations and Programming engineers.

## Prerequisites

- extended knowledge of English language in reading and writing as well as technical terminology
- electromechanical education (Technician, Engineer)
- professional experience in handling electrical equipment over several years preferable
- basic knowledge in medium Voltage technology Preferable
- Basic knowledge in digital logic, switchgear interlocking and protection conception

## Instruction contents

- Basic functionalities of REF542plus
- Hardware- and software options
- Operation, optional functions
- Configuration software
- Project-related Programming
- Optimal use of the function plan (FUPLA)
- Practical Training:
  - o FUPLA up- and download
  - o FUPLA creating and checking
  - o Error recognition and description, if possible analyze

## Your benefit

- Product knowledge
- Hands on training
- Increased efficiency
- Know-how enlargement
- Individual support/ troubleshooting
- Training material

## General

- duration 3 days
- structure 50% Theory  
50% Practice
- group size max. 8 participants
- individualization booking of individual modules is possible
- location ABB Trainings Center  
Oberhausener Strasse 33  
40472 Ratingen, Germany

**Note:**

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