

SERVICE OF MV, LV TECHNOLOGIES

Training course CZ027

REF542*plus* in UniGear ZS1 switchgears



Goal:

The goal of the program is learning REF 542plus operation, setting and configuration in UniGear ZS1 switchgear.

Participant profile

The goal of the program is learning REF 542plus operation, setting and configuration in UniGear ZS1 switchgear.

Prerequisites and Recommendations

The course is built for beginners in the UniGear ZS1 switchgear maintenance, operation and servicing, technicians as well as maintenance engineers. Students shall have a basic knowledge of electrical switchgears and protection relays.

Learning Objectives

Upon completion students will be able to:

- operate and set REF 542plus via HMI
- operate, set and configure REF 542plus via configuration tool

Modules

The course is composed of following modules:

CZ001 - Operation and setting of REF 542plus in UniGear ZS1 switchgear
CZ005 - Programming of REF 542plus in UniGear ZS1 switchgear

Course duration

2 days

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Training module CZ001

Operation and setting of REF 542plus in UniGear ZS1 switchgear



Goal:

The course is aimed at learning REF 542plus relay operation and setting via HMI in UniGear ZS1 switchgear.

Participant profile

Service engineers, operation and maintenance personnel are the target audience for this training.

Prerequisites and Recommendations

The course is built for beginners in the primary air insulated switchgears operation and maintenance. Students shall have a basic knowledge of electrical switchgears and protection relays.

Learning Objectives

Upon completion students will be able to:

- understand the basics of hardware of REF 542plus
- recognize the option/variant of REF 542plus suitable for particular application
- understand the operation of REF 542plus
- operate the circuit breaker via REF 542plus
- do the setting of REF 542plus via HMI

Main Topics

The course contains following topics

- REF 542plus introduction, hardware
- HMI operation of REF 542plus
- setting the parameters of REF 542plus via HMI

Module Duration

1 day

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SERVICE OF MV, LV TECHNOLOGIES

Training module CZ005

Programming of REF 542plus in UniGear ZS1 switchgear



Goal:

The aim of the course is to learn REF 542plus relay operation, setting and configuration in UniGear ZS1 switchgear.

Participant profile

The training is targeted to service engineers, testing and maintenance personnel, external consultants and electrical engineers.

Prerequisites and Recommendations

The course is set up for personnel with basic experience in REF 542plus operation in UniGear ZS1 switchgear. Students shall know the REF 542plus feeder terminal human machine interface.

Learning Objectives

Upon completion students will be able to:

- understand the operation and setting of REF 542plus using configuration tool
- understand the configuration of REF 542plus in UniGear ZS1 application

Main Topics

The course contains following topics

- REF 542plus configuration tool introduction
- setting of REF 542plus via Configuration tool
- reading the configuration of REF 542plus
- working online and testing the configuration of REF 542plus

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Module Duration

1 day

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