SIEMENS

SIPROTEC 4 - Basiscursus met DIG SI 4. (H-SIPBAS)

Short Description

In this two-day course, you will learn how to install the DIGSI software package on your PC and how to communicate with various protections from the SIPROTEC 4 series. During this course, overcurrent-time protections will be available for practical exercises. The focus is on entering settings, verifying settings, and reading faults.

The course does not cover the functionality of a protection or the selection of settings. For this, there are product-specific courses. You will learn to use the DIGSI tool and will work with the most commonly used overcurrent-time protections during the course.

Target Group

This course is intended for individuals involved in the engineering process, determining settings, programming and reading protections of the SIPROTEC series up to Version 4.

Content

- Fully configure SIPROTEC protections using DIGSI 4.
- Program a medium-voltage switchgear with interaction between different bays.
- Create and test custom logical connections using CFC.
- Customize a display using the Display Editor.
- Recognize and adjust signals to and from automation protocols.
- Determine the reason for a possible disconnection based on (fault) messages and reading fault signals.
- During the course, multiple protections are considered as part of a complete installation to achieve the specified learning objectives.

Prerequisites

Prerequisites Basic knowledge of the different types of protections as covered in the H-BM course. Knowledge of SIPROTEC 4 and DIGSI 4 as covered in the SIPROTEC 4 Basic Course with DIGSI.

Note

1. We usually work in groups of 2 people and each group has a PC with the DIGSI software package and a SIPROTEC protection. An OMICRON test case is available to test protections.
2. The course has a strong practical character. Everything is aimed at mastering all the actions that an engineer must be able to perform to put together a complete project.
3. During the course there is always the possibility to use your own PCs and power cases.
4. This course is scheduled regularly so that you can register for it. This course takes place from 4 people. For more information or special requests, please contact the Power Academy.

Type

Face-to-face training

Duration

2 days

Language

en, nl

Fee

1,600 EUR