

## SIPROTEC 4 basiscursus met DIGSI 4 (H-SIPBAS)

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### Objectives

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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

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Engineers, commissioning personnel, and maintenance technicians.

### Content

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The topics covered in this course are:

- Including a SIPROTEC 4 protection in a project file based on the required protection functions
- The meaning of the main settings of the overcurrent-time protection
- Assigning inputs and outputs to internal signals
- Recording the data of the current and voltage transformers
- The meaning and input of the main parameters
- Handling passwords
- Setting the language
- Reading the Event and Trip log
- Uploading and downloading from DIGSI to the protection relay
- Reading the primary and secondary measured values
- A demonstration of the fault analysis program SIGRA
- Saving a configuration to exchange information with Siemens experts
- Exchanging and commissioning a SIPROTEC protection
- Flowing through and verifying the settings

### Prerequisites

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Participants are expected to be familiar with the basic functions of electrical protections and be able to verify the operation of conventional overcurrent-time protections.

### Note

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Participants will work in pairs, with each group having access to a PC with the DIGSI software package and an overcurrent-time protection. An OMICRON test kit is available for testing protections.

The course has a strong practical focus. Everything is aimed at mastering all the actions that a technician must be able to perform on an operational protection.

During the course, there is always the possibility to use your own PCs and current kits.

### Type

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Face-to-face training

### Duration

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2 days

### Language

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### Fee

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1,600 EUR