

SINAMICS - Safety Integrated Commissioning and Service (Face-to-face Training) (DR-SAFETY)

Short Description

In this course, you will learn how to configure the SINAMICS drive-based Safety Integrated functions during commissioning and during service.

Objectives

You will learn how to configure and commission SINAMICS Drive Based Safety Integrated using various scenarios with practical commissioning and service activities.

You will know, which safety functions are available and how to use them.

Target Group

- Commissioning personnel
- Service personnel
- Maintenance personnel

Content

Short overview of relevant standards and guidelines

Operating principle of the safety functions integrated in SINAMICS

Control of safety functions via onboard terminals and via PROFINET / PROFIsafe

Commissioning of basic safety functions

Overview of available safety functions

Verification of the implemented safety measures

- Safety Integrated acceptance test
- Safety Integrated activation test
- Documentation and archiving of test results

Service and maintenance with activated safety functions

Component replacement with activated safety functions

Practical exercises with SINAMICS training units, e.g. SINAMICS S210

Prerequisites

Basic knowledge of drive technology

Basic knowledge of SIMATIC TIA Portal (corresponding to the courses TIA-SERV1 or TIA-PRO1)

Basic knowledge of functional safety (corresponding to the course ST-FASAFN)

Note

Included in the course price: Free access to the digital learning platform [SITRAIN access](#) – starting one week before the start of the course until two weeks after the end of the course.

With the Learning Membership, you can deepen or repeat the content of this Learning Event as well as continue your education on other interesting topics.

Type

Face-to-face training

Duration

4 days

Language

en