

## SINAMICS S210 – Commissioning and Service (DR-S210)

### 简介

In this course you will learn how to handle the SINAMICS S210 [6SL5...] drives during commissioning and in the event of a fault.

### 培训目的

In this course, you will learn how to safely handle the SINAMICS S210 [6SL5...] drives during commissioning and during service. Using various scenarios, you will practice commissioning and service activities such as data backup, replacing components and recommissioning.

### 培训对象

- Commissioning personnel
- Service personnel
- Maintenance personnel

### 课程内容

Design and principle of operation of the SINAMICS S210 [6SL5...] converter system  
Parameterizing and commissioning with Startdrive  
One-Button-Tuning  
Integrated safety functions (Safety Integrated)  
Cyber Security Settings and User Management & Access Control (UMAC)  
Communication with SIMATIC via technology object “axis” and PROFINET  
Data backup with Startdrive on PC or with memory card  
Procedure when troubleshooting and recommissioning

- Analysis of alarms and fault messages
- Read-out of the diagnostics memory
- Tracing signals using the trace function

Procedure when replacing:

- Converter and motor
- Components with safety functions (Safety Integrated)

Practical exercises using the training device with SINAMICS S210

### 必备条件

Basic knowledge of drive technology  
Basic knowledge of the SIMATIC TIA Portal (according one of the courses TIA-SERV1 or TIA-PRO1)

### 注意事项

**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. Here you will find web-based trainings on [SINAMICS Converters](#) as well as other topics such as [Industrial Automation Systems SIMATIC](#) and many more. 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.

### 课程类型

标准课程

### 培训天数

2.5 天

### 培训语言

en