

SINAMICS S210 - Commissioning and Service (DR-S210)

Short Description

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

Objectives

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.

Target Group

- Commissioning personnel
- Service personnel
- Maintenance personnel

Content

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

Prerequisites

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

Type

Face-to-face training

Duration

2 days

Language

en