

SINAMICS S210 - Commissioning and Service (DR-S210)

Présentation

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

Objectifs

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.

Groupes cibles

- Commissioning personnel
- Service personnel
- Maintenance personnel

Programme / Contenu

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

Prérequis

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

Remarque

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.

Type

Formation en salle

Durée

2,5 Jours

Langue

en