SIEMENS

SINAMICS S210 - Commissioning and Service (DR-S210)

Breve descrizione

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

Obiettivi

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.

Gruppo target

- Commissioning personnel
- Service personnel
- Maintenance personnel

Contenuti del corso

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

Prerequisiti partecipante

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

Nota

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 SIMATIC Motion Control 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.

Tipologia

Corso in aula

Durata

2,5 giorni

Lingua

en