SIEMENS

Online-Training - SINAMICS S210 - Parameterizing and Service (DR-S210)

Short Description

In this course, you will learn how to parameterize SINAMICS S210 [6SL5…] drives and how to handle fault messages.

Objectives

In this course, you will learn how to correctly and safely parameterize SINAMICS S210 [6SL5…] drives and how to handle fault messages. Based on various scenarios, you will practice suitable measures such as parameterizing, 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)
Communication with SIMATIC via technology object "axis" and PROFINET
Data backup with Startdrive on PC and 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, TIA-PRO1 or TIA-SYSUP)

Type

Online-Training

Duration

2 days

Language

en