

SINAMICS S120 Cabinet Modules Service and Commissioning – vector control with Starter / SINAMICS S120 CM 柜式模块服务与调试课程-矢量控制(基于Starter) (D7213)

Objectives

This course is for startup engineer and service personnel, and covers the special features of servicing and maintenance for SINAMICS S120 Cabinet Modules. It focuses on the structure, diagnostic functions, and component replacement for power sections in S120CM. It also explains the special features of the modular structure of different Line Modules and Motor Modules as well as the modular SINAMICS S120 cabinet system. Practical exercises by AOP30 and STARTER are carried out on SINAMICS S120CM.

Target Group

programming engineer, commissioning engineer, project design engineer, service personnel, maintenance personnel

Content

- Overview of SINAMICS drive system
- Structure and wiring of SINAMICS S120CM Hardware
- Startup and parameter assignment with AOP30 and STARTER tool
- Control types and software functions
- Motor identification and converter optimization
- Profibus communication
- Open-loop and closed-loop control
- Cabinet options
- Functions
- EMC
- Diagnostics and troubleshooting
- Practical exercises on the SINAMCS S120CM training units

Prerequisites

General knowledge of AC drives, of converter technology and control engineering

Type

Face-to-face training

Duration

5 days

Language

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