

DR-S12-PA — advanced course on the SINAMICS S120 drive. / Курс DR-S12-PA — расширенный курс по приводу переменного тока SINAMICS S120. (DR-S12-PA)

Short Description

The course is intended for professionals involved in the commissioning, commissioning of complex and very complex applications of the SINAMICS S120 AC drive.

Objectives

· In this technology course, you will learn how to use the built-in position control for positioning and synchronization. You will create flexible feature extensions with Drive Control Chart (DCC).

Target Group

Commissioning engineers, configuring engineers
Service personnel
Maintenance personnel

Content

1. Position control and base positioner:
 - o Configuration and commissioning.
 - o Operating modes: referencing, setting reference and positioning block.
2. Programming language of the DCC actuator:
 - o Create DCC programs.
 - o Using block libraries.
 - o Diagnostics using reference data and online testing.
3. Application examples for DCC:
 - o Setting control parameters in relation to operating points.
 - o Function enhancements for synchronization and axial communication.
4. Distributed synchronization via SINAMICS Link.
5. Communication with SIMATIC S7.

Prerequisites

- Completed the DR-SNS-SI or DR-S12-PMT course.
- Higher technical or secondary specialized education (preferably).
- Basic knowledge of electrical engineering, electric drive theory and automatic control theory.

Note

The practical exercises are performed using the SINAMICS S120 training stand, FieldPG programmer or PC.

Type

Face-to-face training

Duration

5 days

Language

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