

DR-SNG-EXP – Commissioning, diagnostics and service of SINAMICS G150/S150 / К y п c DR-SNG-EXP (DR-SNG-EXP)

Short Description

The course is intended for the experts who are engaged in adjustment, commissioning and service of SINAMICS G150/S150 drives.

Objectives

Studying of the SINAMICS G150/S150 hardware, acquaintance to bases of design of the drive, commissioning of the drive by means of the built-in control panel and the Starter program, setup of regulators of the drive and its integration into systems of automatic control.

Content

- Family of SINAMICS drives, components of system
- Commissioning with AOP30
- Tools and design
- Commissioning with STARTER
- Diagnosing
- Channel of a preset value of speed
- Functions of management and regulation, optimization of regulators
- Options of a case and function
- Device and functions of the power block, replacement of components and testing
- Data exchange on PROFIBUS, words of management and a state
- Instructions on EMS
- Important instructions
- Documentation and training
- Function charts of SINAMICS S150, scheme of connections of a case

Prerequisites

The higher technical or secondary education (is desirable).
Basic knowledge of electrical equipment, theory of the electric drive and theory of automatic control

Note

Practical exercises are carried out with use of the educational stand emulating SINAMICS G150/S150, FieldPG programmer.

Type

Face-to-face training

Duration

5 days

Language

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