

SINAMICS G150 / G130 / S150 - Diagnostics and Service Course (DR-G15-DG)

Short Description

You are responsible for the reliable operation of low-voltage drives with high power ratings. In addition to the first and recommissioning, the focus of this course is on identifying faults and applying focused measures to resolve these faults. After the course you are able to commission the converter and make changes to the parameterisation. In case of faults, you can reduce downtimes by analysing the faults and their associated causes, and you can replace faulty components.

Target Group

Commissioning engineers
Service personnel
Maintenance personnel

Content

Overview of SINAMICS G150 / G130 / S150 converters
Commissioning and diagnostics with:
Advanced Operator Panel AOP30
STARTER PC tool
Design of the converter and electrical cabinet
Electrical connection: Contactors, switches, reactors and filters
Setpoint channel, closed-loop control and trace function
Signal interconnection and BICO technology
Communication through PROFIBUS
Handling and using function diagrams and circuit diagrams
Function of modules and options
Diagnostics and troubleshooting, handling spare parts
Replacing modules and power blocks
Practical exercises at converter cabinet units:
Commissioning
Diagnostics and data backup
Replacing components

Prerequisites

Basic knowledge of electrical engineering.

Type

Face-to-face training

Duration

5 days

Language

en

Fee

3,180 GBP