

Sinamics G120 startup & service (DR-G120)

Objectives

This course shows you how to handle the SINAMICS G120 inverter.

After the course you are able to be correctly commission the inverter and adapt it to address the particular application. You know suitable inverter functions and parameter settings for a wide range of applications. You can make a data backup, and taking the appropriate measures when faults occur.

Target Group

This training is suitable if you want to work with service and commissioning of Sinamics G120.

Content

Design and principle of operation of the SINAMICS G120 inverter with:

- Control Unit CU
- Power Module PM

Parameterization, data backup and diagnostics with:

- BOP-2 and IOP operator panels
- STARTER PC tool

Setpoint channel and closed-loop control

Control signals and signal interconnections

Inverter functions

Practical exercises using the training device with:

- SINAMICS CU240E-2 PN with PM 240 FS A
- SIMOTICS induction motor

Prerequisites

Basic knowledge of electrical engineering, drives and computers, especially Microsoft Windows.

Note

The training is in Swedish language with english course material. Sinamics G120 are used for practical exercises.

Type

Face-to-face training

Duration

1 day

Language

sv