

Siemens SINAMICS S120 met Startdrive, Safety-Integrated, TIA Portal (regelbare aandrijving) (DR-S12-P1T)

Short Description

After completing the course, the participant will be able to set up a drive with SINAMICS S120 in TIA Portal.

Objectives

The course is intended for commissioning engineers and maintenance personnel. After completing the course, the participant will be able to set up a drive with SINAMICS S120 in TIA Portal, commission it, and troubleshoot errors. They will also be able to apply functions such as EPOS and Basic Safety, and understand how to connect the S120 to a PLC.

Target Group

Commissioning engineers, maintenance staff, and programmers who will be working with SINAMICS drives.

Content

The topics covered in this course include:

- Overview of the SINAMICS products
- Building a SINAMICS S120 system in TIA Portal
- Using Startdrive for commissioning and configuration via PC
- Control and regulation
- BiCo technology
- SERVO and VECTOR control systems
- TRACE function
- Topology
- Diagnostics and fault handling
- Standard functions in SERVO and/or VECTOR environments
- Communication with the S7-1500 CPU
- Positioning with EPOS (Easy Positioning)
- Basic Safety functions of the S120

Prerequisites

Knowledge of three-phase motors and power electronics.

Note

Instructor: Dutch/English
Course documentation: English
Practical exercises are carried out using a SINAMICS S120, motors, and control panel
1 configuration per 2 participants

Type

Face-to-face training

Duration

4 days

Language

en, nl

Fee

2,350 EUR