

SINAMICS S120

Course Code: DR-SNS-SI (4.5 days)

Pre-Requisite: Previous experience with Variable Speed Drives

Course Description

This course provides basic training for the SINAMICS S120 drive system. Technical information about commissioning, parameterization, and troubleshooting is provided. After an overview of the hardware and documentation for the drive system, it provides a detailed look at commissioning and diagnosis with the STARTER tool and explains how to use the Compact Flash card. It also covers signal interconnections, software functions, and controller structures for SERVO modes. The drive is optimized using the tracer function in the STARTER tool. Practical exercises to help consolidate your knowledge are carried out with the training cases for SINAMICS S120 in book size format with synchronous servo motors. An introduction to PROFIBUS communication is also provided

Course Content

- Drive system structure and documentation/service overview
- Commissioning and parameterization with the STARTER commissioning tool
- Diagnostics and troubleshooting
- Basics of communication via PROFIBUS
- Software functions, controlling and optimizing SERVO drives
- Commissioning of the on-board basic positioner
- Practical exercises with the training case

Target Group

Engineers, programmers, Startup engineers, configuration engineers, Service personnel, Maintenance personnel