

Course description

G165e

ACS800 single drive fundamentals Internet course EN

Course type

Internet course

Course Duration

The duration is approximately 1 day (8 hours), but time spend, depends on personal background knowledge and study pace of the learner. This course is a prerequisite for G165 classroom course.

Course Goal

The goal of this course is to teach students the basics of the installation, start-up, adjusting, operation, maintenance, trouble-shooting and repair of the ACS550 standard drive.

Student Profile

This course is intended for electricians, technicians and engineers, who install, operate and service ACS550 single drives.

Prerequisites

- Basic knowledge of electronics
- An Internet connection. The recommended browser is Microsoft Internet Explorer.

Notes

If you have no experience of working with drives, it is highly recommended to take a hands-on course in addition to this course, to be able to utilize the drive to its full potential.

Course Objectives

After this course you will be able to:

- Describe the functions of the ACS800 drive
- Describe the hardware structure of the product
- Use the Assistant Control Panel
- Describe the basics of installing, commissioning and service operations for the ACS800 single drives
- Describe the basic principles of fault tracing

Main Topics

- Overview of the ACS550 features
- Hardware construction
- Component and board functions
- ACS550 standard application program
- Assistant Control Panel functions
- Optional equipment overview
- Fieldbus communication
- Fault tracing principles
- Installation principles
- Basic service operations
- DriveWindow Light commissioning and maintenance tool operations

Low voltage drives training

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