

Description

G350

ACS350 operation and programming, hands-on

Course type and description

The ACS350 standard drive learning event comprises of two parts: e-learning courses and classroom course.

This is the second part of the learning event: Classroom course with hands-on lab activities supported by an instructor. The course contains hands-on exercises with ACS350 demo units.

The first part of the learning event includes the theory based e-learning courses mentioned below. Please note that the e-learning course material is not covered during the classroom course. You are required to complete the e-learning part before the classroom part, which is essential in order to be able to succeed in the hands-on lab activities during classroom days. The status of e-learning course completion is monitored.

Prerequisites

Prior to attending this course, students should have

- Basic knowledge of electronics / electricity
- Experience in using PCs in the Windows environment
- Completed the Internet course ACS350 Machinery Drive: Fundamentals (G350e)

Course Duration

The course duration is 1 day.

Student Profile

This course is intended for electricians, technicians and engineers, who install, operate and do basic maintenance for ACS350 drives.

Course Goal

The main goal of this course is to teach students to install, start-up, adjust, operate and maintain the ACS350 drive. Some topics how to do basic troubleshooting is also covered.

Course Objectives

Upon completion of this course, students will be able

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ABB University Finland, Helsinki Training Center
Helsinki.abbuniversity@fi.abb.com
www.abb.com/abbuniversity

to:

- Do commission of the ACS350 drive
- Operate and maintain the ACS350 drive.
- Create sequence programs using Drive Window Light software

Main Topics

- Assistant Control panel(ACS-CP-A) functions
- Mechanical installation and the cabling
- Commissioning and maintenance
- Sequence Programming
- Timers and Counters
- DriveWindow Light, commissioning and maintenance tool operations

Side topics if requested prior to the course

- FlashDrop, programming and maintenance tool and DrivePM software

Agenda

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Day program

09:00 Course Information

09:15 Exercises begin

10:00 Break (15min)

10:15 Exercises continues

12:00 Lunch (45min)

12:45 Exercises continues

14:00 Break (15min)

14:15 Exercises continues

16:00 End of the day

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