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 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

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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