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COURSE DESCRIPTION

# G650

## ACS850 Single Drive, Startup and Service Hands-on



### Course Type and Description

This is a classroom course with hands-on lab activities led by an instructor. Theory should be studied beforehand in the e-learning courses G650e or G651e and G063e.

This course contains several hands-on ACS850 exercises.



### Course Objective

Upon completion of this course, students will be able to:

- Commission and tune ACS850 single drives
- Operate and maintain ACS850 single drives



### Course Duration

The course duration is 2 days.



### Main Topics

- Hardware and software overview
- Location of components
- ACS850 standard application program
- Control panel functions
- Converter commissioning
- Fine tuning of the converter
- Installation principles
- DriveStudio commissioning and maintenance tool operations



### Student Profile

This course is intended for electricians, technicians, and engineers who install, operate and service ACS850 single drives.



### Prerequisites

- Basic knowledge of electronics
- Experience in using a Windows PC
- Course G650e or G651e and G063e



### Course Goal

The goal of this course is to teach students to install, start-up, adjust, operate, ACS850 single drives.

**Day 1**

09:00 Course Information  
09:10 Exercises  
10:15 Coffee Break  
10:30 Exercises  
12:00 Lunch  
12:45 Exercises  
14:15 Coffee Break  
14:30 Exercises  
16:00 End of the Day

**Day 2**

08:30 Exercises  
10:00 Coffee Break  
10:15 Exercises  
12:00 Lunch  
12:45 Fault Tracing  
13:45 Questions & Feedback  
14:00 End of the Course

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