

## G152

# ACS800 single drive, startup and basic maintenance hands-on

### Course type

The ACS800 single drive learning event comprises of two parts: e-learning courses and classroom course.

This is the second part of the learning event: Course G152 is a classroom course with hands-on exercises and fault tracing with ACS800 demo units supported by an instructor.

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.

### Course duration

The course duration is 2 days.

### Course goal

The goal of this course is to teach students to install, start-up, operate, maintain and troubleshoot ACS800 single drives.

The training covers the following types and constructs:

- ACS800-01
- ACS800-02 R7 or ACS800-04 R8
- ACS800-11 on request

### Student profile

This course is intended for electricians, technicians, and engineers who install, operate and do basic maintenance ACS800 single drives.

### Prerequisites

- Basic knowledge of electronics
- Experience in using a Windows PC
- Course G152e.

Please refer to the accompanying figure for course names and durations.

### Course objectives

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

- Commission and tune ACS800 single drives
- Operate and maintain ACS800 single drives
- Do basic trouble shooting on ACS800 single drives

### Main topics

- ACS800 standard application program
- Control panel functions
- Control panel assistants
- Locating and identifying terminals
- Installation principles
- Converter commissioning
- Fine tuning of the converter
- Adaptive programming
- DriveAP adaptive programming tool operations
- DriveWindow commissioning and maintenance tool operations
- Introduction to trouble shooting

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### Day 1

09:00 Course Information  
09:15 Drive AP demo  
10:00 Break  
10:15 Exercises begin  
12:00 Lunch  
12:45 Exercises continues  
14:00 Break  
14:15 Exercises continues  
16:00 End of the day

### Day 2

09:00 Exercises continues  
10:00 Break  
10:15 Exercises continues  
12:00 Lunch  
12:45 Exercises continues  
14:00 Break  
14:15 Trouble shooting exercises  
15:45 Questions & Feedback  
16:00 End of the course