

# G391

## ACx580-07, Maintenance hands-on

### Course type and description

The ACS580-07 learning event comprises of two parts: e-learning courses and classroom courses.

This is the second part of the learning events: classroom course with hands-on lab activities supported by an instructor. The course contains hands-on exercises with ACS580-07 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
- Experience in using PCs in the Windows environment
- G3910e web course completed.
- G390 or G3590 or G640 classroom course completed

### Course duration

The course duration is 0,5 day.

### Student profile

This course is intended for electricians, technicians, and engineers, who install, operate and service ACS580-07 drives.

### Course goal

The goal of this course is to teach students to start-up, adjust, operate, maintain and troubleshoot ACS580 multidrives.

### Course objectives

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

- Exchange the module and cooling fans
- Read the circuit diagrams and identify the components in the cabinet.

### Main Topics

- Component location
- Inverter module and cooling fans exchange
- Use of the product HW manual

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### Day 1

09:00 Introduction of the course  
09:15 Exercise 1  
10:30 Break  
10:45 Exercise 2  
12:00 Lunch  
13:00 End of the course

### Exercise 1

Component location.

### Exercise 2:

Inverter module exchange.

### Another schedule alternative:

12:30 Introduction of the course  
12:45 Exercise 1  
14:00 Break  
14:15 Exercise 2  
16:00 End of the course