G391
ACx580-07 Maintenance Hands-on

**Course Type and Description**
The AC580-07 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 AC580-07 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.

**Course Goal**
The goal of this course is to teach students to start-up, adjust, operate, maintain and troubleshoot AC580 multidrives.

**Course Objective**
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

**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 AC5S80-07 drives.
Programme A

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 Day

Programme B

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

Exercise 1
Component Location

Exercise 2
Inverter Module Exchange