Course description

G3841
ACS880-04-R10/R11 module basic maintenance hands-on

Course type and description
The ACS880 basic maintenance learning event comprises of two parts: e-learning courses and classroom course.

This is the second part of the learning event: This is a classroom course with hands-on lab activities supported by an instructor. This course contains hands-on exercises with ACS880-04-R10 and/or ACS880-04-R11 modules.

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.

Please see the accompanying figure of possible learning paths

Prerequisites
- Basic knowledge of electronics
- Course G380
- E-learning courses G3804e, G3847e and G3841e. Please refer to the ACS880 learning program for ACS880 course names and durations.

Course goal
The goal of this course is to teach students to do basic maintenance for ACS880-04 modules

Course objectives
Upon completion of this course, students will be able to:
- Understand ACS880-04 construction
- Do basic maintenance tasks for ACS880-04 modules

Main topics
- ACS880-04 construction
- Basic maintenance tasks
  - Main fan replacement
  - Board cabinet fan replacement
  - Heat sink cleaning procedures

Course duration
The course duration is 2 hours.

Student profile
This course is intended for electricians, technicians, and engineers who do basic maintenance for ACS880-04 (R10/R11) modules.

Low voltage drives training
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Course agenda

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Day program

09:00  Course information
09:15  Exercises begin
10:00  Coffee break
10:15  Exercises continues
11:00  End of the course