

Description

G166

ACH550 start-up and basic maintenance hands-on

Course type and description

The ACH550 standard drive learning event comprises of two parts: e-learning courses and classroom course.

This is the second part of the learning event: Classroom course with hands-on lab activities supported by an instructor. The course contains hands-on exercises with ACH550 demo 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

Before attending this course, students should have

- Basic knowledge of electronics / electricity
- Experience in using PCs in the Windows environment
- Completed the Internet course ACH550 Standard Drive: Fundamentals (G166e)

Course Duration

The course duration is 1 day.

Student Profile

This course is intended for electricians, technicians, and engineers, who install, operate and service ACH550 drives.

Course Goal

The main goal of this course is to teach students to install, start-up, adjust, operate and maintain the ACH550 drive. Some topics how to do basic troubleshooting and basic repair are also covered.

Course Objectives

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

- Installation and commission the ACH550 drive.
- Trace and correct basic troubles.
- Operate and maintain the ACH550 drive.

Main Topics

- Locating and identifying terminals, boards and other components with the circuit diagrams
- HVAC Assistant Control Panel (ACS-CP-B) functions
- Mechanical Installation and the cabling
- Commissioning and maintenance
- DriveWindow Light, commissioning and maintenance tool operations

Side topics if requested prior to the course

- FlashDrop and DrivePM, programming and maintenance tool

Low voltage drives training

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Agenda

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Day program

09:00 Course Information

09:15 Exercises begin

10:00 Break (15min)

10:15 Exercises continues

12:00 Lunch (45min)

12:45 Exercises continues

14:00 Break (15min)

14:15 Exercises continues

16:00 End of the day

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