

COURSE DESCRIPTION

G333

ACS600 Single Drive/Multidrive, Water-Cooling System Startup, Maintenance and Service



Course Type and Description

This is a classroom course with hands-on lab activities supported by an instructor.

This course contains classroom lectures and hands-on training with water-cooled ACS600 units.

This course belongs to several learning paths. Please see the accompanying figure of possible learning paths.



Course Duration

The course duration is 1 day.



Student Profile

This course is intended for electricians, technicians, and engineers who commission and service water-cooled ACS600 single drives/multidrive.



Course Goal

The goal of this course is to teach students to install, start-up, adjust, operate, maintain, troubleshoot and repair the water-cooling system of ACS600 single drive/multidrive W frequency converters and replace ACS600 single drive/multidrive W inverter and supply modules.



Course Objective

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

- Describe the construction of the ACS600 single drive/multidrive W water-cooling system
- Make connections between the transportation units
- Perform basic maintenance operations



Main Topics

- Overview of the water-cooled ACS600 single drive/multidrive W frequency converters
- Installation of water-cooled inverters
- Commissioning of the water-cooling system
- Maintenance



Prerequisites

- Course G330 or G300

Please refer to the accompanying figure of learning paths relating to this course.

Day 1

09:00 Welcome and Introduction
09:15 Product Introduction
09:40 Installation
10:15 Coffee
10:30 Commissioning
12:00 Lunch
12:45 Maintenance
14.00 Coffee
14:15 Exercises
16:00 End of the Day

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