

Course description

G333

ACS600 single drive/multidrive, water-cooling system start-up, maintenance and service

Course Duration

The course duration is 1 day.

Course type

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

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.

Student Profile

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

Prerequisites

- Course G330 or G300

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

Description

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 Objectives

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

Low voltage drives training

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Course agenda

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Day 1

- 08:30 Welcome and introduction
- 08:45 Product introduction
 - General configuration
 - Control functions
- 09:15 Installation
 - Water pipe connections
 - Busbar connections
- 10:00 Coffee
- 10:15 Commissioning
 - Filling and aerating the system
 - Settings in the control program
- 12:00 Lunch
- 12:45 Maintenance
 - Annual
 - Water-cooling section
 - Supply sections
 - Inverter sections
- 14:00 Coffee
- 14:15 Exercises
 - Filling and deaerating
 - Control program commissioning
- 16:00 End of the course

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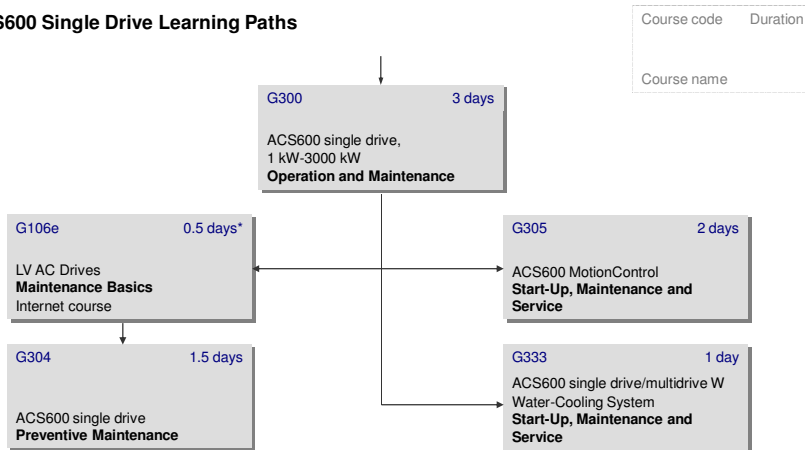
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Learning Paths

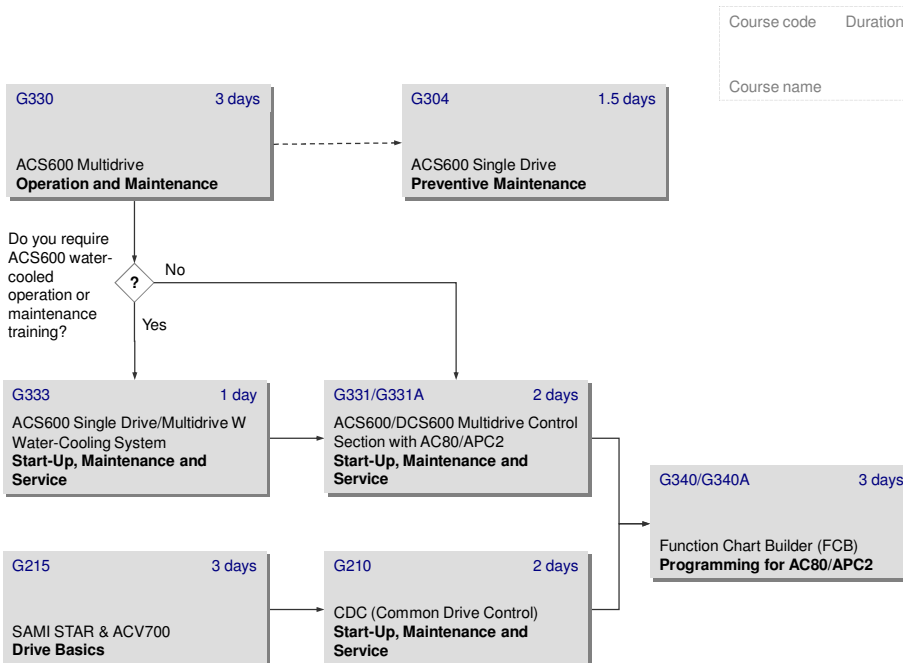
ACS600 single drives and multidrives

Learning paths

ACS600 Single Drive Learning Paths



* The duration of the Internet courses depends on personal professional background and study pace



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