

COURSE DESCRIPTION

G1635

ACS800 LC Multidrives for Marine Applications, Operation and Maintenance



Course Type and Description

This is a class room course with hands-on exercises supported by an instructor.

The course contains lectures, hands-on exercises and fault tracing with ACS800LC units.

Please see the accompanying figure of possible learning paths.



Main Topics

- Construction of drive-, supply and cooling units
- Control panel functions
- Locating and identifying terminals, boards and other components
- Fault diagnostics
- DriveWindow commissioning and maintenance tool operations
- Cooling methods of drive- and supply units
- Functionality of the cooling unit
- Installation of the cooling unit
- Start-up of the cooling unit
- Replacement of the modules



Course Duration

The course duration is 2.5 days.



Student Profile

This course is intended for electricians, technicians, and engineers, who install, operate and service ACS800 liquid cooled multidrives.



Prerequisites

- Prior to attending this course, students should have
- Basic knowledge of electronics
- Experience in using PCs in the Windows environment



Course Goal

The goal of this course is to teach students to start-up, adjust, operate, maintain and troubleshoot ACS800 liquid cooled multidrives.



Course Objective

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

- Commission and tune ACS800 multidrives
- Exchange the modules
- Operate and maintain ACS800 liquid cooled multidrives

Day 1

09:00 Introduction of the Course
09:15 System Description
10:15 Break
10:30 Control Panel Functions and Startup Procedure
11:15 Startup Exercises with the Panel
12:00 Lunch
13:00 DriveWindow Programme
13:45 DriveWindow Exercises
14:15 Break
14:30 Exercises Continue
16:00 End of the Day

Day 2

08:30 Exercises
10:00 Break
10:15 Optional Equipment
11:00 Liquid Cooling Unit
12:00 Lunch
13:00 Liquid Cooling Unit Commissioning
14:15 Break
14:30 Exercises
16:00 End of the Day

Day 3

08:30 Inverter Module Replacement Exercises
10:00 Break
10:15 Cooling Unit Startup Exercise
12:00 Lunch
13:00 End of the Training

Street address

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Low voltage drives training

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