

COURSE DESCRIPTION

G161

ACS800 Multidrive, Startup, Maintenance and Service



Course Type and Description

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



Main Topics

- Component and board functions
- Reading and interpreting circuit diagrams
- ACS800 system application program
- Control panel functions
- Locating and identifying terminals, boards and other components
- Converter and Supply unit commissioning
- Optional equipment overview
- Fine tuning of the converter
- Fault diagnostics
- DriveWindow commissioning and maintenance tool operation



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 multidrives.



Course Goal

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



Prerequisites

- Basic knowledge of electronics
- Experience with using a PC in the Windows environment



Course Objective

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

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

Day 1

09:00 Introduction of the Course
09:15 System Description
10:00 Break
10:15 Hardware Construction
11:15 Control Panel Functions and start up Procedure
12:00 Lunch
13:00 Start up Exercises with the Panel
13:45 Optional Equipment
14:15 Break
14:30 Inverter Software Configuration
16:00 End of the Day

Day 2

08:30 DriveWindow Program
09:00 DriveWindow Exercises
10:00 Break
10:15 Exercises Continues
12:00 Lunch
13:00 Inverter Unit Exercise
14:15 Break
14:30 IGBT Supply Unit (ISU) Exercise
16:00 End of the Day

Day 3

08:30 Diode Supply Unit Exercise
10:00 Break
10:15 DriveWindow Network Exercise
11:30 Lunch
12:30 End of the Course

Street address

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Low voltage drives training

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