

Course description

G163e

ACS800 liquid-cooled drives, fundamentals Internet course

Course type

Internet course

Course Duration

The course duration is approximately one day depending on personal background knowledge and study pace. For those who are familiar with ACS600 water cooled product it is typically one day.

Course Goal

The goal of this course is to teach students the basics of installation, start-up, adjustment, operation, maintenance, troubleshooting and repair of ACS800 liquid-cooled drives.

Student Profile

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

Prerequisites

- Basic knowledge of electronics
- An Internet connection. The recommended browser is Microsoft Internet Explorer version 5.0 or later.

Description

This course includes self-study material and self-assessment questions.

Course Objectives

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

- Describe the functions of the ACS800 liquid-cooled drives
- Describe the hardware structure of the product
- Activate and use the ACS800 liquid-cooling unit software
- Describe the basics of installation, commissioning, maintenance and service operations of ACS800 liquid-cooled drives
- Describe the basic principles of fault-tracing

Main Topics

- Overview of the ACS800 liquid-cooled drives features
- Hardware construction
- Component and board functions
- Optional equipment overview
- Fieldbus communication
- Fault tracing principles
- Installation principles
- Liquid-cooling unit start-up
- Basic service operations
- Supply units operations

Low voltage drives training

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