

G050e – ACS50 Component drive

Fundamentals



Course Type

Internet course

Course Duration

The course duration is approximately 2-3 hours depending on personal background knowledge and study pace.

Course Goal

The course goal is to teach students the basics of the AC Drives and EMC, selection, installation and start-up of the ACS50 Component drive.

Student Profile

Persons who sell, install and startup ACS50 component drives.

Prerequisites

- Familiarity of electronic devices and using PCs in the Windows environment.

Description

This course includes self-study material, self-assessment questions and interactive exercises.

Course Objectives

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

- Describe the features and benefits of an AC drive
- Describe the functions of the ACS50 drive
- Describe the hardware structure of ACS50
- Describe the basics of installation, commissioning operations for ACS50
- Describe the basic principles of fault-tracing
- Enquire the necessary information from a customer when selecting a suitable AC drive

Main Topics

- AC Drive basics
- EMC
- Overview of the ACS50 features
- Hardware construction
- Installation principles
- Fault tracing principles
- Basic service operations
- Sales arguments
- Drive selection principles