

COURSE DESCRIPTION

G380

Single drives ACS880-01 Maintenance and service.

Course goal

The goal is to learn main features of single drives ACS880-01; maintenance and diagnostic principles. During the course students will get basic knowledge of technical maintenance and service.

Main learning objectives

Upon completion of this course the participants will be able to:

- Technical characteristics of the ACS880-01 frequency converters;
- Operate ACS880-01 drives;
- Do basic maintenance for ACS880-01 drives.
- How to read and understand technical manual of the drive.

Participant profile

This course is intended for electricians, technicians, and engineers who operate and service ACS880-01 drives.

Prerequisites

Participants should have secondary specialized or higher technical education and /or experience in the electrical industry.

Topics

- Technical characteristics of ACS880-01;
- Drive design ACS880-01;
- Software capabilities of ACS880-01 drives;
- Launch using Drive Composer;
- Overview of drive options and spare parts
- Basic maintenance of ACS880-01.

Course type and methods

This is a classroom course with hands-on lab activities supported by an instructor. This course contains hands-on ACS880 exercises.

Duration

The duration is 2 days (16 hours: 6 hours – theoretical part, 10 hours – practical part).

Course map

	DAY 1	DAY 2
Topics	<ul style="list-style-type: none"> • Introduction • Drive selection; • Drive construction; • Drive control principles; • Drive design and components; • Drive control panel 	<ul style="list-style-type: none"> • Diagnostic and management program Drive Composer; • Options and spare parts used in drives • Overview of drive parameters • Troubleshooting • Drive service • Practical exercises on the drive
Time	10:00 am – 6:00 pm	10:00 am – 6:00 pm

Typical course layout (time or sequence may change)

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