

COURSE DESCRIPTION

G390

Single drives ACS580-01

Maintenance, service and Parameters

Course goal

The goal is to learn main features of single drives ACS800-01; to adjust and operate ACS580-01 drives. 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:

- Do start-up of ACS580-01 drive using control panel;
- Use Drive composer entry PC tool and do start-up of ACS580-01 using the tool;
- Do basic maintenance tasks on ACS580-01;
- Use Adaptive programming tool.

Participant profile

This course is intended for electricians, technicians, designers and engineers, who install, operate, program and do basic maintenance to ACS580-01 drives.

Prerequisites

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

Topics

- ACS580-01 Hardware and software basics;
- Start-up of the drive;
- ACS580-01 hardware construction;
- Installation principles of ACS580-01;
- ACS580-01 control panel operation;
- ACS580-01 software features;
- Drive composer entry;
- Drive Adaptive programming tool;
- Basic maintenance tasks of ACS580-01 drives.

Course type and methods

This is a classroom course including hands-on lab activities with ACS580-01 demo units supported by an instructor.

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"> • Technical characteristics; • Hardware construction; • Software features; • Control panel operation and start up; • Troubleshooting Drive Composer software. 	<ul style="list-style-type: none"> • Assembling and Start up Exercise; • Control panel Exercise; • Drive Composer Entry Exercise; • Component Location Exercise.
Time	9:00 am – 6:00 pm	9:00 am – 6:00 pm

Typical course layout (time or sequence may change)