

Course description

G380

ACS880 operation, startup and basic maintenance hands-on training

Course type

This is a classroom course with hands-on lab activities supported by an instructor. Before this course the theory based e-learning courses, listed in the prerequisites, need to be studied.

Course Duration

The course duration is 1 day.

Course Goal

The goal of this course is to teach students to install, startup, adjust, operate ACS880 drives.

Student Profile

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

Prerequisites

- Basic knowledge of electronics
- Experience in using a Windows PC
- E-learning courses G020e, G371e, G374e, G375e, G380e and G3801e. Please refer to the [ACS880-01 learning program](#) for ACS880 course names and durations.

Description

This course contains hands-on ACS880 exercises. This course belongs to a learning path that may utilize blended learning.

Course Objectives

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

- Commission and tune ACS880 drives
- Operate ACS880 drives
- Do basic maintenance for ACS880-01 drives

Main Topics

- Hardware and software overview
- ACS880 primary control program
- Control panel functions
- ACS880 startup
- Parametrisation of the converter
- Installation principles
- Optional equipment connections
- DriveComposer commissioning and maintenance tool operations

Low voltage drives training

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Course agenda

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Day 1

08:30 Course Information

08:45 Exercise 1

10:10 Coffee break

10:25 Exercise 2

11:50 Lunch

12:30 Exercise 3

14:00 Coffee break

14:15 Exercise 4

15:40 Course evaluation

16:00 End of the day

Exercise packages	Group 1 Exercise	Group 2 Exercise	Group 3 Exercise	Group 4 Exercise
Package 12 Commissioning with Control panel	1	2	3	4
Package 13 Drive Composer tool	2	3	4	1
Package 14 Installation R1-R3	3	4	1	2
Package 15 ACS880-01 Location	4	1	2	3