Course description

G380
ACS880 operation, startup and basic maintenance hands-on

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 3 day.

Course Goal
The goal of this course is to teach students to install, startup, adjust and 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
- ACS880 Hardware and software basics
- ACS880 primary control program
- Control panel functions
- ACS880 startup
- Parametrisation of the converter
- Installation principles
- Optional equipment connections
- DriveComposer commissioning and maintenance tool operations