

COURSE DESCRIPTION

G381 ACS880-01 Software features. Hands-on training

Course goal

The goal of this course is to learn how to use software features of ACS880-01 primary control program and Drive tool.

Course Objectives

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

- Main purposes, classifications and nominals of Low Voltage Drives ACS880-01
- Converter, DC-Bus and Inverter of Low Voltage Drives ACS880-01
- Algorithm PWM and its effects, drive topology, quadrants, vector/scalar/DTC control of Low Voltage Drives ACS880-01
- Motor and Line filters, Braking resistors and Choppers, Protocols and IP classes of Low Voltage Drives ACS880-01
- Serial numbers and identification spare parts and KITS of Low Voltage Drives ACS880-01

Participant profile

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

Prerequisites

Students should have basic knowledge of electronics, experience in electrical engineering.

Topics

- Basic principles of Low Voltage Drives ACS880-01
- Structure of Low Voltage Drives ACS880-01;
- Control of Low Voltage Drives ACS880-01;
- Options of Low Voltage Drives ACS880-01;
- Drive and components Identification of Low Voltage Drives ACS880-01

Course Duration

The course duration is 1 day

Course map

DAY 1	
Topics	<ul style="list-style-type: none"> • Basic principles of Low Voltage Drives ACS880-01 • Structure of Low Voltage Drives ACS880-01; • Control of Low Voltage Drives ACS880-01; • Options of Low Voltage Drives ACS880-01; • Drive and components Identification of Low Voltage Drives ACS880-01
Time	10:00 am – 6:00 pm
Typical course layout (time or sequence may change)	