

Energizing People > Powering the Future



Seminar No. 250

Digital Variable Speed Drive LV7000

Vector Control of Asynchronous Motors

Course Description:

Theoretical reminders of the training will be the asynchronous motor. During the general presentation of LV7000 the attendees will learn about the range of power, configuration, main components and options. Concerning the commissioning part the trainees will learn the method of commissioning, parameterization using the keypad, parameterization using NCDRIVE software, open loop VVVF control mode, detail of LV7000 schematic diagram, software advanced functions, faults and alarms as well as troubleshooting. Remote control using a fieldbus will be also a topic.

This training consists of 60% practical exercises and practical equipment. With three LV7000 mock-up equipped with their workstations.



Learning Outcomes:

- Understand the LV7000 principles applied to the AC motor control
- Be able to commission and start the drive
- Identify and analyze the troubles, and fix them



Prerequisites:

None



Participants:

Commissioning technicians and service personnel



Duration:

5 days

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