Course description
G584e - DCS800 Magnet Commissioning
Internet Course (EN)

Course Duration
0.5 hours, depending on personnel knowledge.

Course type
This course includes self-study material.
The language of the course is English.

Course Goal
The goal of this course is the engineering and commissioning of the DCS800 Lift Magnet Supply configurations.

The training covers the following topics:
- Selection of Control Mode and Functionality
- Hardware dimensioning
- Dimensioning of overvoltage protection
- Optional Software functions
- Commissioning instructions
- Autotuning of the current controller
- Voltage controller set up
- Application set up
- Additional technical information

Student Profile
Product engineers and engineering people who are planning, installing and servicing DCS800 non motoric applications.

Prerequisites and Recommendations
The student should have:
- Basic knowledge about electrical wiring
- Basic knowledge of DC drives and DC non motoric applications
- Physical understanding for lift magnet supplies

Preparation e-Learning courses
E-learning course G560e - DCS800 Basic training (D1 - D4) and G583e - DCS800 Lift Magnet Supply to attending this course is recommended.

Course Objectives
Upon completion of this course, students will be able to:
- Know which magnet functionality can be selected in Standard, with DriveAP or the DEABBBMagBat application
- Know how to select the Control Mode and the functionality
- Know how to dimension the hardware components
- Know about the commissioning instructions

Main Topics
Selection diagram for all available functionalities
Selection as Standard, DriveAP or DEABBBMagBat application
Hardware dimensioning
Commissioning instructions

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