

G569e – DCS800 Basics D5 – D7 – Internet course

Basic training about DCS800 Basic Hardware and Software



Course Type

Internet course

Course Duration

The course duration is approximately 2 hours, depending on personal background knowledge and study pace.

Course Goal

The goal of this course is to understand the hardware and software basics of DCS800 for converter module size D5 – D7.

The training covers the following topics:

- Rating, types and voltages
- Basics D5 module
- Basics D6 module
- Basics D7 module

Student Profile

This course is intended for the following job functions:

- Sales and product management
- Technical support
- Service engineers
- Project management

This course is also suited for beginners in DC Drives Technology and interested persons.

Prerequisites

- DC Fundamentals
- DC Portfolio

Description

This course includes self-study material and self-assessment questions.

Course Objectives

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

- Know the power range of DCS800 modules
- Know the construction of the modules
- Know auxiliary parts like field exciter, electronic boards and their mode of operation

Main Topics

- Module rating
- Components of D5, D6 and D7 module
- Power supply - POW-4 board
- Internal field exciter FEX-4-INT
- Communication board – DSL-4
- Controller board – CON-4
- Line reactors and semiconductor fuses
- Dedicated converter transformers