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COURSE DESCRIPTION

## **G5954e – DCS880 Basics Hardware H5 – H8**

### **Internet Course (EN)**

#### **Course Duration**

1.5 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 to get the most important information of the DCS880 Hardware H5 – H8 and the Options H1 – H8 Part II.

The training covers the following topics in 3 units:

- DCS880 Hardware H5 – H8 Part I
  - Ratings, types, currents and voltages
  - Location of Hardware H5 – H8
  - Power part
  - Electronic boards  
SDCS-PIN-H41, SDCS-PIN-H51,  
SDCS-POW-H01 and SDCS-OPL-H01
  
- DCS880 Hardware H5 – H8 Part II
  - SDCS boards and interconnection
  - FEX-425-Int
  - Fan connection and pressure switches
  - Line chokes, dedicated transformers and semiconductor fuses
  
- DCS880 Options Part II (H1 – H8)
  - External field exciters
  - Components for field exciters
  - Galvanic isolation
  - Current measuring aid

#### **Student Profile**

Field service engineers and technical support of the DCS880 DC drive.

#### **Prerequisites and Recommendations**

The student should have:

- Basic knowledge about electrical wiring
- Basic knowledge of DC drives
- Physical understanding for drives application

#### **Preparation e-Learning courses**

E-learning courses **G570e – DC drives fundamentals and G5950e – DCS880 Basics Hardware (H1 – H4)** to attending this course is needed.

#### **Course Objectives**

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

- Know the hardware H5 – H8 of the DCS880 converter module
- Know the peripheral interface of the electronic
- Know the accessories and additional options of the DCS880

#### **Main Topics**

- Type code and ratings of the DCS880 (H5 – H8)
- Power part (H5 – H8) and electronic boards
- SDCS boards and interconnection
- Options and accessories

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