G5950e – DCS880 Basics Hardware H1 – H4
Internet Course (EN)

**Course Duration**
1.0 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 H1 – H4 and Options H1 – H8.

The training covers the following topics in 3 units:
- **DCS880 Hardware H1 – H4**
  - Type Code
  - Environmental conditions
  - Ratings, types, currents and voltages
  - Location of Hardware
  - Power part
  - Electronic boards
    - (SDCS-PIN-H01 and SDCS-CON-H01)
  - Memory unit
- **DCS880 Hardware H1 – H4 Interface**
  - Analog and digital I/O
  - Drive to drive link (D2D)
  - Safe Torque Off
  - Mains contactor
  - Analog tacho and pulse encoder
  - Temperature measurement
  - Fan connections
- **DCS880 Options H1 – H8**
  - Plug-in options
  - DCSLink communication
  - Drive application programmability
  - Multiple DCS880 connected to one control panel
  - Terminal options
  - Auxiliary transformer T2
  - EMC filters
  - Plus codes

**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 course G570e – DC drives fundamentals to attending this course is needed.

**Course Objectives**
Upon completion of this course, students will be able to:
- Know the hardware of the DCS880 converter module
- Know the peripheral interface of the electronic
- Know the accessories and options of the DCS880

**Main Topics**
- Type code and ratings of the DCS880 (H1 – H4)
- Industrial environment
- Power part and electronic boards
- Hardware interface
- Options and accessories

**Contact Information**

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