

Course description

G586e - DCT880 Hardware (T1 - T4) 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 understand the hardware of the DCT880 thyristor power controller frame sizes T1 to T4 including the complete interface.

The training covers the following topics:

- Type code
- Environmental conditions
- Voltage and current ratings
- Load configurations
- Location of hardware
- Power part
- Electronic boards SDCS-PIN-H and SDCS-CON-H
- Fan connections
- Semiconductor fuses
- I/O connection and dedicated jumpers
- Temperature measurement
- Drive-to-drive link
- Memory Unit
- Control Panel
- Connection diagram
- List of F-Type option modules

Student Profile

Product engineers and engineering people who are planning, installing and servicing the DCT880 thyristor power controller.

Prerequisites and Recommendations

The student should have:

- Basic knowledge about electrical wiring
- Basic knowledge of drives or power controller engineering
- Physical understanding for electric heating application

Preparation e-Learning courses

E-learning course **G585e - DCT880 Basics** to attending this course is needed.

Course Objectives

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

- Know the hardware of the DCT880 thyristor power controller
- Know the peripheral interface of the electronic
- Know the accessories and options of the DCT880

Main Topics

Type code and ratings of the DCT880 (T1 – T4)
Industrial environment
Power part and electronic boards
Hardware interface
Options and accessories

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