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 to understand the firmware structure of the DCT880 thyristor power controller.

The training covers the following topics:
- Firmware structure overview
- Command selection
- State machine
- Reference selection
- Limits
- Control mode selection
- Firing mode selection
- Monitoring and feedback signals

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 and G586e - DCT880 Hardware T1 – T4 to attending this course is needed.

Course Objectives
Upon completion of this course, students will be able to:
- Know the firmware of the DCT880 thyristor power controller
- Know the command and reference selection of the DCT880
- Know the different modes selection of the DCT880
- Know the monitoring and feedback signals of the DCT880

Main Topics
Firmware structure
Commands and state machine
Configuration of reference sources
Selection of different control and firing modes
Feedback and monitoring

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