

Course description

G592e - DCT880 Multitap

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 understand the Multitap applications of the DCT880 thyristor power controller.

The training covers the following topics:

- Multitap single phase, primary and secondary controlled
 - Fundamentals recap
 - Overview multitap configurations
 - Signal measurements of multitap
 - Circuit diagrams
 - Multitap control principles
 - Commissioning
- Multitap three phase configurations
 - Control structure of three phase Multitap
 - Hardware setup of D2D communication
 - Commissioning of D2D link

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**,
G586e - DCT880 Hardware T1 – T4 and
G587e - DCT880 Firmware to attending this course is needed

Course Objectives

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

- Know all Multitap configurations
- Know the signal measurement of the DCT880
- Know the control principles of the DCT880
- Commission a Multitap application with the DCT880

Main Topics

Multitap configurations
Signal measurement
Control principles
Commissioning of a Multitap with DCT880

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