

**Product Name :**  
Complete Training System For Line Commutated Converters

**Product Code :**  
CE664



**Description :**

Complete Training System For Line Commutated Converters

**Technical Specification :**

Complete Training System For Line Commutated Converters

Complete system for line commutated converters training in panel frame. Topics:

Single static converters and bidirectional static converters with various loads (R, L, RL)

Resistive-inductive load with freewheeling diode

Resistive-inductive load with reverse voltage

Resistive-capacitive load

Triac AC power controller

Fully controlled three-phase power controller

Semi-controlled three-phase power controller

Three-phase power controller with two bidirectional pairs

Controlled rectifier mid-point circuits

Two-pulse centre-tap control

Controlled six-pulse centre-tap control, M6

M6 circuit with resistive load

M6 circuit with resistive-inductive load

Controlled bridge rectifier circuits with various loads

Two-pulse bridge circuit

Six-pulse bridge circuit

Fully controlled two-pulse bridge circuit, B2C

The system come with full experimental guide, with many tasks to be executed both in printed version and with a

virtual environment (software do manage manuals). Pdf files only will not be accepted, the software contain teacher and student environments (with and without answers) and interactive specialized application to be used in the classes. It is compatible with an additionally supplied online portal for the management of experiments and devices, with School license for any number of users to manage, structure and inventory a complete scientific or technical educational resource collection to optimize the preparation and follow-up times of the lesson. The online portal is platform-independent and responsive and runs on all current Internet-enabled devices.

1 Safety connecting leads, 32 A, set of 32 4-mm safety connecting leads with 2.5 mm<sup>2</sup> cable, current rating 32 A, consisting of:

2 each safety connecting lead, red 100 cm

2 each safety connecting lead, blue 100 cm

2 each safety connecting lead, red 50 cm

2 each safety connecting lead, blue 50 cm

2 each safety connecting lead, red 25 cm

2 each safety connecting lead, blue 25 cm

4 each safety connecting lead, black 100 cm

6 each safety connecting lead, black 50 cm

6 each safety connecting lead, black 25 cm

4 each safety connecting lead, black 10 cm

1 Software to manage experimental manuals PC software including user interface for convenient viewing and file management with keywords and catalogue number search. Automatic updating of documents by free online updates. As teacher part with answers and students' worksheets to be printed or filled out, including desktop for convenient display and management of files, with key words and catalogue numbers search, free of charge automatic online updates of the documents.

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