



## **POWER ELECTRONICS AND CONTROLS**



DL 3155E10R

## THEORETICAL TOPICS

- Direct current motors
- Generators
- Circuits for the control of direct current motors
- Alternate current motors
- Circuits for the control of alternate current motors
- Stepping motors
- Circuits for the control of stepping motors

## **CIRCUIT BLOCKS**

• Motors

motors.

- Stepper motor
- PWM power stage
- Synchronous
- Stepper motor power stage
- Set point and PWM generator
- Stepper sequence
- SCR TRIAC control

Complete with theoretical and practical manual.

The design and construction of electronic circuits to solve practical problems is an essential technique in the fields of electronic

With this board the students can study the operation of the circuits for motor control in Direct Current, Alternating Current and stepper

engineering and computer engineering.

Dimensions of the board: 297x260mm

