

Item No.: SO4204-7Q

Course - Power electronics 4: Active power factor correction PFC

Includes:

- 1 Experiment card with active power factor correction, conventional B2 rectifier circuit and resistive load
- CD-ROM with Labsoft browser and course software

Course contents:

- Introduction to the principle of power factor correction
- Reasons for using power factor correction
- Areas of application for power factor correction
- Introduction to various types of power factor correction
- Introduction to the design and function of an active power factor correction circuit
- Comparison with conventional bridge rectifier circuits
- Recording and analysis of current, voltage and power
- Analysis of variables using FFT
- Course duration 3 h approx.

