

Electronic power modules



ref. PSY5060

PSY5060 is a system of modules specialised in practical assemblies using thyristors, UJT, triacs and diacs. These modules are delivered with a supply/load console and a handbook of 12 practical experiments.

Console dimensions: 550 x 200 x 460 mm

Dimensions of the modules: 250 x 166 x 64 mm

THE CONSOLE INCLUDES

- a 100V AC - 1A supply, overload protected for the supply of the modules through a special lead.
- an adjustable 0 to 20V DC - 1A supply through output terminals.
Supplies galvanically insulated from the mains
- a 12 V DC motor coupled to a DC tachogenerator with output terminals.
- a 100V - 7W bulb
- 4 resistances, of load 400Ω - 300Ω - $2 \times 200\Omega$
- a DC voltmeter with 2 scales, 50V and 150V

COMPLETE TECHNICAL SPECIFICATIONS ON REQUEST

N°1 : SCR operation in DC circuit
N°2 : SCR operation in AC circuit
N°3 : Phase control and rectification experiment
N°4 : Phase control by a Toulon circuit
N°5 : On Off type self trigger circuit
N°6 : UJT oscillate trigger circuit

N°7 : Trigger circuit by the DIAC
N°8 : Photo controlled circuit
N°9 : Battery auto charger
N°10 : DC to AC inverter
N°11 : Motor speed control
N°12 : Regulated DC power supply