

Product Code . JL-PET-1417

Triac and AC Phase Control



Description

Triac And A.C. Phase Control

Features:-

- Study of TRIAC characteristics and its operation in all the four modes i.e. I+, I-, III+ and III-
- Gate control of TRIAC with NPN transistor.
- Gate control of TRIAC with PNP transistor.
- Phase control with TRIAC and DIAC as pulse generator for gate trigger.
- Light dimmer with TRIAC-hysteresis effect and its minimization by gate slaving technique.
- Study the radio frequency interference (RFI) in phase control and its suppression by RFI filter.

Built in parts:

- TRIAC
- DIAC
- Two potentiometers for biasing and phase control
- RF choke and capacitor for RFI filter
- Lamp holder with 40 watt lamp for load in power control indicator
- Adequate no. of other electronic components
- Mains ON/OFF switch, fuse and jewel light

Specifications:-

- The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains
- Adequate no. of patch cords stackable 4 mm spring loaded plug length $\frac{1}{2}$ meter
- Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms

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- Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References

Weight :

- 3 Kg. (Approx.)

Dimension :

- W 340 x H 110 x D 210

Other apparatus required:

- Digital multimeter 3¾ digit - order code 16901
- 0-30V, 1 amp IC regulated power supply
- Dual trace cathode ray oscilloscope 20mhz (unearthed)

Other Information**Pay Mode Terms:**

- T/T (Bank Transfer)

Port of Dispatch:

- India

Delivery Time:

- 4 weeks

Packaging Details:

- Corrugated Box

Triac and AC Phase Control Manufacturer India, Triac and AC Phase Control Exporters, Electronics Triac and AC Phase Control, Buy Triac and AC Phase Control Online India, Educational Equipments for School Lab, Laboratory Equipment Suppliers, Didactic, Didactic Triac and AC Phase Control, Power Electronics Trainers Equipment Exporters, Scientific Instrument and Equipment Manufacturer.

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Details: Corrugated Box Triac and AC Phase Control Manufacturer India, Triac and AC Phase Control Exporters, Electronics Triac and AC Phase Control, Buy Triac and AC Phase Control Online India, Educational Equipments for School Lab, Laboratory Equipment Suppliers, Didactic, Didactic Triac and AC Phase Control, Power Electronics Trainers Equipment Exporters, Scientific Instrument and Equipment Manufacturer.", "brand": "Jlab export", "sku": "5", "gtin8": "5", "gtin13": "5", "gtin14": "5", "mpn": "5", "aggregateRating": { "@type": "AggregateRating", "ratingValue": "5", "bestRating": "5", "worstRating": "0", "ratingCount": "5" } }
