

Product Code . JL-PET-1415

SCR And AC Phase Control



Description

SCR And A.C. Phase Control

Object:-

Resistance trigger circuit for SCR to be operated as half-wave static switch and limited range half wave phase control.

- R.C. trigger circuit for SCR operated as full range half-wave phase control.
- R.C. trigger circuit for SCR connected in bridge full range full-wave phase control.
- Half -wave phase control with SCR using UJT trigger circuit-resistance controlled ramp.
- Full-wave phase control with Inverse parallel SCRs using UJT trigger circuit resistance controlled ramp.
- Full-wave phase control with half controlled bridge converter using UJT trigger circuit resistance controlled ramp.
- UJT trigger circuit with series transistor control ramp.
- UJT trigger circuit using shunt transistor controlled pedestal.
- UJT trigger circuit resistance controlled pedestal with improved ramp.
- UJT trigger circuit resistance controlled pedestal with cosine-modified ramp.

Features:

- An isolation transformer 230 VA.C. 250 mA.
- This protects external instruments from damage if they are not isolated.
- Bridge rectifier for full-wave phase control with zener regulator.
- Two potentiometers for resistance controlled ramps
- Two potentiometers for resistance controlled pedestals.
- Uni-junction transistor 2N 2646.

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- Pulse transformer 1:1:1.
 - Three SCRs for half-wave and full-wave inverse parallel connections.
 - Adequate no. of other electronic components.
 - Mains ON/OFF switch, fuse and jewel light.

Specifications:

- The unit is operative on 230V \pm 10% at 50 Hz 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.
- Strongly supported by detailed operating instructions, giving details of object, theory, design procedures, report suggestions and book references.

Weight: .

- 7 kg. (approx.)

Dimension:

- W 412 x H 150 x D 310

Other apparatus required:

- Digital multimeter 3 $\frac{3}{4}$ digit order code 16901
- 0-30 V, 1 amp IC regulated power supply

Other Information**Pay Mode Terms:**

- T/T (Bank Transfer)

Port of Dispatch:

- India

Delivery Time:

- 4 weeks

Packaging Details:

- Corrugated Box

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

{ "@context": "http://schema.org/", "@type": "Product", "name": "SCR And AC Phase Control", "image": "https://www.jlabexport.com/images/catalog/product/1976225404_2017-10-22.jpg", "description": "The unit is operative on 230V $\pm 10\%$ at 50 Hz 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. Strongly supported by detailed operating instructions, giving details of object, theory, design procedures, report suggestions and book references. Weight: . 7 kg. (approx.) Dimension: W 412 x H 150 x D 310 Other apparatus required: Digital multimeter $3\frac{3}{4}$ digit order code 16901 0-30 V, 1 amp IC regulated power supply Other Information Pay Mode Terms: T/T (Bank Transfer) Port of Dispatch: India Delivery Time: 4 weeks Packaging Details: Corrugated Box SCR and AC Phase Control Manufacturer India, SCR and AC Phase Control Exporters, Electronics SCR and AC Phase Control , Buy SCR and AC Phase Control Online India, Educational Equipments for School Lab, Laboratory Equipment Suppliers, Didactic, Didactic SCR 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" } }
