



# A. S. Electro Tech **Kolkata**

## RELAY TEST SET *MODEL : RET-5*



**RELAY TEST SET**



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(with phase shifting facilities)

### *Special Features*

- Mains ON/OFF Switch ● Start/Stop push Button ● Indicating Lamp to indicate Mains 'ON' & START.

**A.S. Electro-Tech Test Equipments For Quality, Accuracy & Reliability**



# RELAY TEST SET *MODEL : RET-5*

"ELECTRO-TECH" make popular Relay Test Set is Ideal to test Protective Relay, Over Current Relay, Over Voltage Relay and Circuit Breakers etc. at rated current & voltage.

## TECHNICAL FEATURES :

Input : \* 230V  $\pm$  10%, 1Ph., 50HZ, AC

Output : (A) Current output (s) available one at a time

Duty : Intermittent

	Current Range	Open Circuit Voltage
i)	0-1A	10V.
ii)	0-2A	10V.
iii)	0-5A	10V.
iv)	0-10A	10V.
v)	0-20A	10V.
vi)	0-50A	4V.
vii)	0-100A	4V.
viii)	0-200A	4V.

	Current Range	Time
i)	1-10A	One Hour.
ii)	20A	5 Min.
iii)	50A	One Hor.
iv)	100A	5 Min.
v)	200A	One Min.

## (C) TIME MEASURING SCOPE :

- # 4 Digit Digital time Internal meter :
- Range : i) 9.999 sec Resolution : 1 ms
- 2) 99.99 Sec Resolution 10 ms
- # Accuracy :  $\pm$  1%
- # Terminals To Relay Contacts
- # Reset push button
- # Selector for NO & NC CONTACT

OR

## B) VOLTAGE OUTPUT :

- # Continuously variable 0 to 250 volts Ac Capacity 2 Amps. AC
- # Fixed Voltages : 50 Volt 2 Amps Ac 110V at 2 Amps. Ac

## VARIABLE VOLTAGE CIRCUIT :

- i) Single Phase 2A. Variable Auto Transformer to Smooth Variation of voltage.
- ii) Metering : Range 0-300V. AC. Analog Voltmeter to indicate Variable Voltage
- iii) 2 Nos. Insulated output Terminals

## CURRENT CIRCUIT :

- # Double Wound Loading Transformer
- # Current Measuring C.t. 1 Amp To 200 Amps/1Amp.
- # Metering : C.t. Operated Ac. Analog Ammeter Range- 0- 1 Amp Ac Scaled -0- 100% For All Current Ranges
- # Single Phase 2 Amps Variable Auto Transformer
- # Current Range Selector For 1 Amp To 20 Amps
- # 5 Nos Current Output Stud i.e. Com., 1 A. to 20A. , 50A, 100A. & 200A

Mode of Operation : The sets are available in MANUAL OPERATED.

## PROTECTION :

- Fuse in Incoming Side
- Automatic Tripping Mechanism for protecting the H.V. Transformer against overload as well as short Circuit. : one C.T. operated Ammeter is provided.

## GENERAL ARRANGEMENT :

The Test Set will be in One unit. The cabinet of the set is made by nicely painted sturdy m.s. sheet. Meter, Switch, Indicating Lamps, Fuses, Regulator Knob, Timer Display etc. are fitted on the top of the cabinet which can be approached by opening the the top hinged lid. All wirings are housed inside the control cabinet. Supply Input cable, Earthing Terminal, Instruction Manual with Circuit Diagram, works test report will be supplied along with the set.

Electro-Tech in a continuing effort to offer excellent products at a fair value & reserves the right to change models, specifications and designs to upgraded the own products.

Manufactured & Designed by :

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