

Order Code : 20213590.1.16A

Name : Relay and substation tester

This is a portable testing kit in one unit, suitable for testing protective relay, over current relay, earth fault relay, protective device, circuit breaker, tripping coils etc. The set is designed for both laboratory and field use.

### TECHNICAL FEATURES

<b>INPUT</b>	230 Volts, single phase, 50Hz. AC.
<b>OUTPUTS</b>	<p>1) Current Output:</p> <p>a) 0- 1Amp. At 4/10Volts.</p> <p>b) 0- 2Amp. At 4/10 Volts.</p> <p>c) 0- 5 Amps. At 4/10 Volts.</p> <p>d) 0- 10 Amps. At 4/10 Volts.</p> <p>e) 0- 20 Amps.at 4/10 Volts.</p> <p>f) 0- 50 Amps. At 4Volts.</p> <p>g) 0-100 Amps. At 4 volts.</p> <p>h) 0-200 Amps At 4Volts.</p> <p><b>Current output is continuously variable and the output is taken out through a multi range C.T. The secondary is connected to an ammeter scaled in 0 to 100%</b></p>
<b>OR</b>	
<b>2) AC Voltage Output</b>	Continuously variable 0 -230V AC. Capacity- 460VA(Max).
<b>3) Fixd AC voltage</b>	50V & 110V
<b>4) Time Measurement</b>	0-9.999Secs. & 0-99.99Secs. in two ranges.
<b>Accuracy</b>	1%
<b>CURRENT CIRCUIT:</b>	
<b>Loading transformer</b>	Double winding loading transformer of suitable burden is provided corresponding to current output specified.
<b>Measuring CT</b>	Multi ratio wound primary current transformer
<b>Ratio</b>	1-2-5-10-20-50-100-200A/5A.
<b>Variable auto transformer</b>	For smooth variation of current output at various ranges selected.
<b>Meatering</b>	Digital meter. Basic Range - 0 to 5A AC. Scaled in 0 to 100% for all selected range. Accuracy - 1.5% of full range.
<b>VOLTAGE CIRCUIT</b>	One AC Voltmeter is provided for measuring the variable output AC voltage.
<b>Timer circuit</b>	Dual range digital time interval meter
<b>Ranges</b>	<p>i) 0-9.999 Sec.</p> <p>ii) 0-99.99Sec. in two switchable ranges.</p>



<p>Selector for NO &amp; NC contacts. Reset push button. "Start" timer signal is potential free closing or opening of auxiliary contacts of the set contactors.</p>	
<b>GENERAL ARRAGEMENT</b>	<p>The test kit will be in one unit. Meters, terminals, indicators, regulator knobs, timer display etc. will be fitted on the horizontal panel of the set which can be approached by opening the top lid. An input chord of 2 meters length with 3pin plug will be provided. Loading transformer, measuring CT &amp; protection circuit will be housed within the same unit.</p> <p>Operation manual, schematic circuit diagram, work test report, warranty certificate will be supplied along with the set.</p>

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

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