



Features

- ✓ Compact unit with rugged case
- ✓ Variable model and selectable Output Current up to 200A/600VA
- ✓ Output Voltage 0-250V AC/DC
- ✓ Auto Cut-Off upon Tripping Relay
- ✓ Timer Range 0.0001-9999 Seconds Auto Ranging
- ✓ Digital Timer with Accuracy $\pm 0.05\% \pm 2$ Counts
- ✓ Wheel mounted for easy transportation

MOT - RTS

Relay Test Set

The Motwane's RTS Series also known as kit is a portable, cost effective is portable cost effective solution to test voltage & current based relays. It is designed with highly accurate digital meters for testing of protective devices. The MOT-RTS set provides high burden to test electromechanical relays. RTS Series can provide up to 200A for CT, MCB Testing. The compact & rugged design makes it easy to move in relay room.



Applications

The secondary current injection test of solid-state units can be performed by a specially designed power supply unit. Secondary injection tests are always done prior to primary injection tests. The purpose of secondary injection testing is to prove the correct operation of the protection scheme that is downstream from the inputs to the protection relay(s). This is because the risks during initial testing to the LV side of the equipment under test are minimized. It should be noted that the secondary current injection method only tests the solid-state trip unit logic and components like relay, miniature breaker etc.

- Over Current Relay
- Undercurrent Relays
- Over voltage Relays
- Under Voltage Relays
- Thermal Relays
- Earth Fault Relays
- Electromechanical Relays
- Miniature Circuit breaker etc.

Ordering Information

MOT-RTS10/200	10A Relay Test Set
MOT-RTS20/200	20A Relay Test Set
MOT-RTS50/400	50A Relay Test Set
MOT-RTS100/600	100A Relay Test Set
MOT-RTS200/600	200A Relay Test Set

Technical Details

MOT - RTS

Technical Specification

Model	MOT-SIK10	MOT-SIK20	MOT-SIK50	MOT-SIK100	MOT-SIK200
Output Current	0-10A	0-20A	0-50A	0-100A	0-200A
Selectable Current Ranges (O/P current display on % Ammeter)	0-1-5-10A	0-1-5-10-20A	0-1-5-10-25-50A	0-1-5-10-25-50-100A	0-1-5-10-25-50-100-200A
Burden	200VA		400VA	600VA	
O/P DC Voltage	0-250V DC				
O/P AC Voltage	0-250V AC				
Voltage Accuracy	±1.5% of full scale reading ±2 digits				
Voltage resolution	1V				
Current Accuracy	± 1.5% of full scale reading ± 2 digits				
Current Resolution	1% of full scale				
Timer Range	0.0001-9999 Seconds Auto Ranging ,Digital Timer				
Timer Accuracy	±0.05% ±2 Counts				
Duty Cycle	30 Min ON, 10 Min OFF				
Mode of Operation	Manual				
Display	LED Seven Segment Digital Display Meters				
Indications	Bright LED for Power ON & Test ON				
Mains Supply	230 V AC ±10%, 1 Phase, 50/60Hz				
Protection and Safety	Fast blow glass fuse Over current tripping				
Operating Temperature	0-55°C, 5-90% RH Non Condensing				
Output Current leads	PVC insulated 2.5 sq. mm cu cables 2X1.5mtr lug at both ends	PVC insulated 10 sq. mm cu cable 2X1.5mtr lug at both ends	PVC insulated 16 sq. mm cu cable 2X1.5mtr lug at both ends	PVC insulated 25 sq. mm cu cable 2X1.5mtr lug at both ends	PVC insulated 50 sq. mm cu cable 2X1.5mtr lug at both ends

*We also provide Customized RTS as per requirements. Weight & dimensions can vary as per the kV rating.

Accessories

Standard

- Lead sets
- PVC insulated output current lead set - 1set
- PVC insulated 2.5 Sq.mm Cu cable 2 corex4 mtrs one side banana plug & other side small crocodile clip - 1 no
- PVC Insulated 1.5 Sq.mm Cu Cable 2 core x 4 mtrs one side banana plug & other side small crocodile clip - 2 no
- Mains Power Supply Cord
- Instruction Manual
- Short Link
- Spare Fuse
- Calibration Report
- Warranty Certificate

Notes : **1.** The Instrument is accompanied with Test & Calibration sheet. **2.** Test Facilities can be provided at the factory with the available test set-ups only. **3.** The company's policy includes continuous improvement of its product. We, therefore, reserve the right of any deviation from illustration or specifications without notice. **4.** Stated accuracies are valid from 10% of the range to 95% of the range. **5.** Accuracy specified for temperature range of 25°C ± 5°C & 55% RH ± 10%.