



*Transparent Testing &  
Simplified Measurement*

# Six Phase Relay Tester (Automatic) SBE - RPT 6





## PRODUCT CHARACTERISTICS

- Main Control Board is DSP + FPGA architecture.
- 16 bit DAC output.
- Generates High - density sine wave 2000 points each circle to fundamental wave.
- Friendly Man-machine Interface.
- Easy and fast to Operate.
- High - performance embedded industrial computer and 8.4 inch resolution of 800 X 600 TFT true Color display which provides rich visual information.
- Includes the current working condition and all kinds of help information.
- The Software with self calibrating function, which avoid to accuracy by adjusting relays after open the case, gently improve the stability of the accuracy.

## PRODUCT FEATURES

- Meets all the requirement of field test. This tester with standard 6 Phase voltage, and 6 Phase Current Output, voltage 125 V/Phase, Current 30 A / Phase, 6 Phase in parallel can up to 180 A. Digital Signal Processor Microcomputer. Not only test the traditional relays and protectors, but also test the modern microcomputer relays, special for transformer differential protection and transfer equipment
- All technical indicators fully meet the International standards. Technical condition of the relay computer test device.
- The windows system comes with the restore function ; avoid system crashes caused due to illegal shutdown or malfunction e.t.c.
- Equipped with Ultra-thin industrial keyboard and optical mouse, complete a variety of operations using keyboard or mouse the same as ordinary PC.
- Using high - fidelity linear amplifier. Both to ensure the accuracy of a low current, but also guarantee the stability of the high current.
- USB Directly connect with PC, without any adopter cable, easy to use.
- Can be connected to a laptop computer (Optional). Laptop computers and industrial machines use the same software, no-need to re-learn the method of operation.
- With a separate DC auxiliary voltage source, Output voltage 110 V (1A), 220 V (0.6 A), provides relays or protective devices which Require DC Power.
- The software with self-calibrating function, which avoid to calibrate accuracy by adjusting relays after open the case, greatly improve The stability of the accuracy.

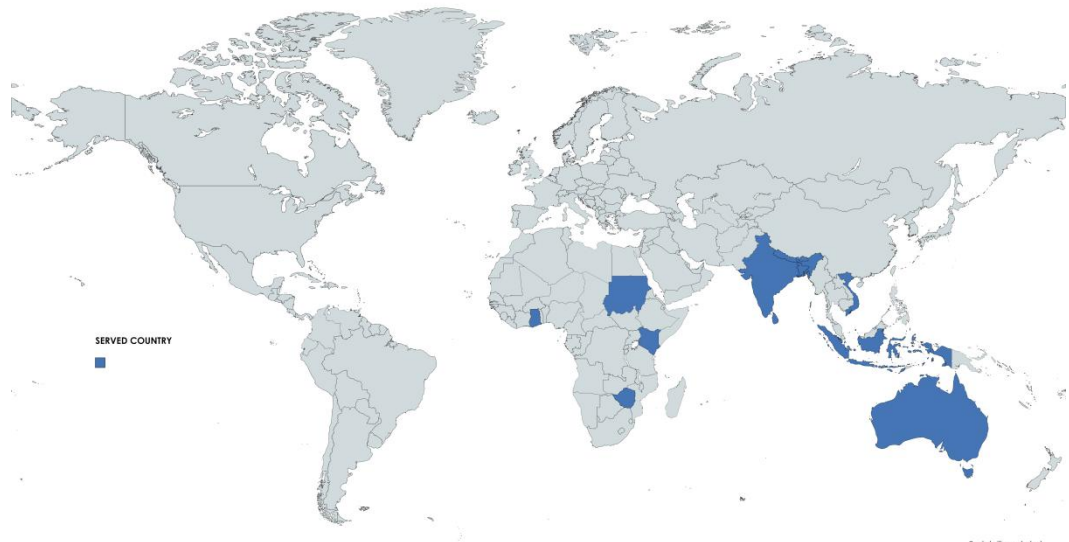




## PRODUCT PARAMETERS

AC Current Source :	
Amplitude Range	6 X (0 ~30 A)/ Phase,Accuracy : 0.5%
6 phase in parallel max output	180 A
Phase current values allowed to work a long time	10 A
Power	300 VA / Phase
6 Phase in parallel max output power	900 VA
6 Phase in parallel current max output allowable working time	10 S
Frequency Range	0 ~ 100 Hz, ,Accuracy : 0.001 Hz
Overtone Order	2 ~20, Phase: 0 ~360°; Accuracy : 0.1°
DC Current Source :	
Amplitude Range	200 A / Phase
Power	300 VA / Phase
Accuracy	0.5 %
AC Voltage Source :	
Amplitude Range	6 X (0~125 V)/Phase; Accuracy : 0.5%
Line Voltage Set	0~250 V
Phase Voltage / Line Voltage Output Power	70 VA / 100 VA
Frequency Range	0 ~1000 Hz, Accuracy : 0.001 Hz
Overtone Order	2~20, Phase : 0~360°; Accuracy : 0.1°
DC Voltage Source :	
Phase Voltage Output Range	0 ~±150 V
Accuracy	0.5%
Line Voltage Output Range	0 ~±300 V
Phase Voltage / Line Voltage Output Power	90 VA / 180 VA
SWITCH TERMINAL :	
Switch Input Terminals	8 Pairs
Empty Contacts	1 ~ 20 mA, 24 V active output inside the device
Potential Flip	0 ~6V DC is low level, 15 ~250 V DC is high level
Switch Output Terminals	4 pairs, Empty Contact, Rupturing Capacity :110 V/2A, 220V/1A
TIME MEASUREMENT RANGE :	
Range	1 ms ~ 9999 s
Accuracy	1 ms
DIMENSION & WEIGHT:	
DIMENSION	455 mm X 530 mm X 220 mm
WEIGHT	32 KG
POWER :	
AC	220 V ±10% ; 50 Hz, 15 AMP.

OUR PRODUCT IS SERVING THROUGHOUT THE GLOBE



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**S.B.ELECTROTECH**

124, SIKDAR PARA, RAJPUR, KOLKATA,  
ZIP CODE : 700 149, WEST BENGAL, INDIA

Ph. : +91-7278354202 , +91-9477423085

Website : [www.sbelectrotech.org](http://www.sbelectrotech.org)

Email Id : [info@sbelectrotech.org](mailto:info@sbelectrotech.org) || [sales@sbelectrotech.org](mailto:sales@sbelectrotech.org)

