



*Transparent Testing &
Simplified Measurement*

Three Phase Relay Tester (Automatic) SBE - RPT 33 SBE - KLT 33



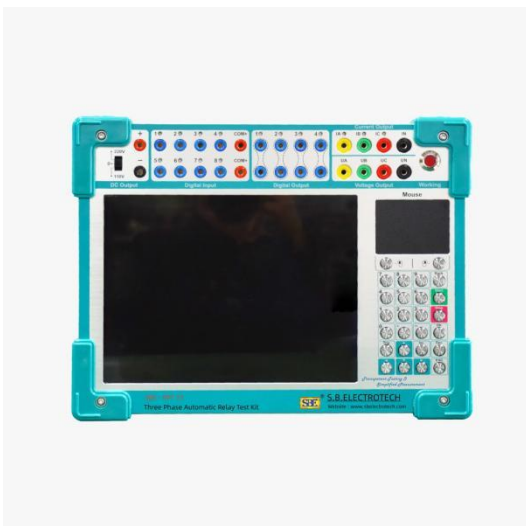


PRODUCT CHARACTERISTICS

- Built in high performance industrial control computer.
- DSP digital signal processing system
- D / A and A / D conversion
- High precision linear voltage and current power amplifier.
- Friendly Man-machine Interface.
- Easy and fast to Operate.
- Switch input and switch output
- Dedicated independent DC power output

PRODUCT FEATURES

- Meet all test requirements on site. The instrument has standard four phase voltage and three-phase current output. It can test not only various traditional relays and protection devices, but also various modern microcomputer protections, especially for transformer differential protection and standby automatic switching device. The test is more convenient and perfect.
- All kinds of technical indexes fully meet the standards technical conditions for microcomputer based test device of "relay protection" issued by the Ministry of electric power.
- Classic Windows XP operation interface, friendly man-machine interface, easy and fast operation; high performance embedded industrial control computer and 8.4 inch resolution 800 × 600 TFT true color display screen, can provide rich and intuitive information including the current working state of the equipment and various help information.
- This Windows XP system has its own recovery function to avoid system crash caused by illegal shutdown or mis-operation.
- Equipped with ultra-thin industrial keyboard and photoelectric mouse, it can complete all kinds of operations through keyboard or mouse just like ordinary PC.
- The main control board adopts DSP + FPGA structure and 16 bit DAC output. It can generate 2000 high density sine wave per week for fundamental wave, which greatly improves the quality of waveform and the accuracy of the tester.
- The high fidelity linear power amplifier ensures the accuracy of small current and the stability of large current.
- USB interface is used to communicate with PC directly without any connecting line, so it is convenient to use.
- Can be connected to laptop (optional) to run. Laptops and industrial computers use the same set of software, so there is no need to relearn the operation method.
- It has the function of GPS synchronization test. The device can be built-in GPS synchronous card (optional) and connected with PC through RS232 port to realize synchronous test of two testers in different places.
- Equipped with independent dedicated DC auxiliary voltage source output, the output voltage is 110V (1A), 220V (0.6A). It can be used for relays or protection devices that need DC power supply.
- It has the function of software self calibration, which avoids opening the case to calibrate the accuracy by adjusting the potentiometer, thus greatly improving the stability of accuracy.

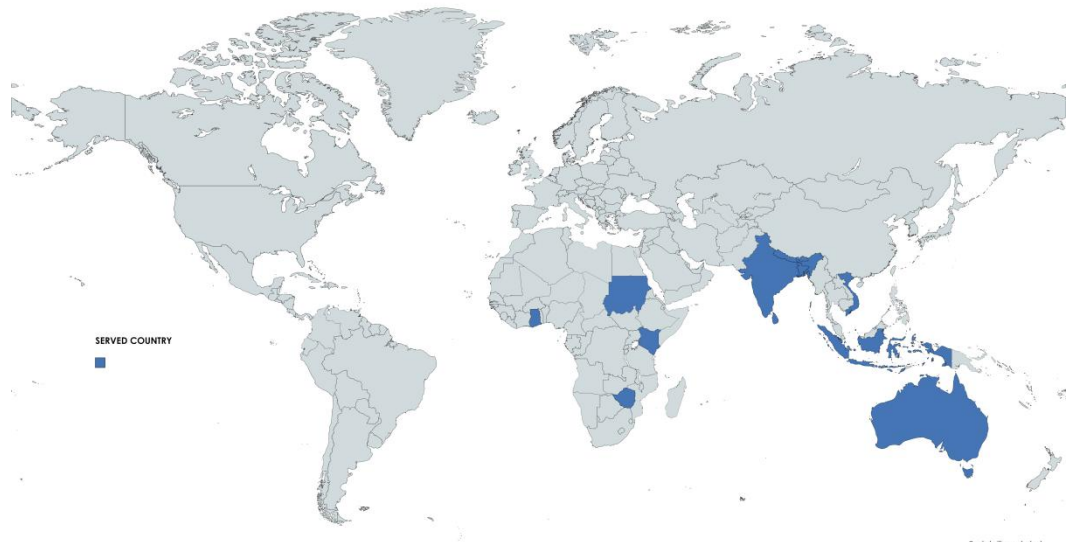




PRODUCT PARAMETERS

AC Current Source :	
Single phase current output (RMS)	0 - 30A / phase, accuracy: 0.2% ± 5mA
Three phase parallel output (RMS)	0 - 90A / three phase in phase parallel output
Allowable working value of phase current for a long time (effective value)	10A
Maximum output power per phase	300VA
Maximum output power of three phase parallel current	800VA
Maximum output allowable working time of triple parallel current	10s
frequency range	0 - 1000Hz, accuracy 0.01Hz
Harmonic number	2 - 20second
phase	0 - 360° The accuracy is 0.1 degree
DC Current Source :	
Amplitude Range	10A
Accuracy	0.5% ± 5mA
AC Voltage Source :	
Single phase voltage output (RMS)	0 - 120V / phase, accuracy: 0.2% ± 5mv
Line voltage output (RMS)	0-208V
Phase voltage / line voltage output power	75VA/100VA
frequency range	0 - 1000Hz, accuracy: 0.001Hz
Harmonic number	2 - 20second
phase	0 - 360° Degree, accuracy: 0.1 degree
DC Voltage Source :	
Single phase voltage output amplitude	0 - 160V, accuracy: 0.2% ± 5mv
Phase voltage / line voltage output power	90VA/180VA
SWITCH TERMINAL :	
Switch input terminal	8
Air contact	1 - 20 mA, 24 V, internal active output of the device
Potential reversal	Passive contact: low resistance short circuit signal Active contact: 0-250V DC
Switch output terminal	4, no contact, breaking capacity: 110V / 2A, 220V / 1A
TIME MEASUREMENT RANGE :	
Range	1 ms ~ 9999 s
Accuracy	1 ms
DIMENSION & WEIGHT:	
DIMENSION	338 mm X 168 mm X 305 mm
WEIGHT	12 KG

OUR PRODUCT IS SERVING THROUGHOUT THE GLOBE



CONNECT WITH US :



SBE FACEBOOK



SBE YOUTUBE



SBE LINKEDIN



*Transparent Testing &
Simplified Measurement*

S.B.ELECTROTECH

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

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

Website : www.sbelectrotech.org

Email Id : info@sbelectrotech.org || sales@sbelectrotech.org

