Relay Protection Tester

General information about ADRP-1000T Relay Protection Tester

Relay Protection Microcomputer Test Device plays a key role in operating electricity power systems reliably and safely. It is the testing device used in professional field of microcomputer protection, relay protection, excitation measurement, fault recorder.

Features:

- ✓ 4phase voltage and 3phase current output.
- ✓ Big LCD screen display.
- ✓ Be able to connect with PC to operate.
- ✓ Real-time storage and print. Vector diagram display.
- ✓ 7-channel contacts input and 2pairs idle contact output.
- ✓ Self-protection function.
- ✓ With independent special DC power output, 110V and 220V adjustable DC power supply output.

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Technical Specification of the device:

AC current output

- Phase current output (effective value):0-40A
- Phase current max. Output power:420VA
- Maximum parallel current output (effective value):0~1 2 0A
- Maximum parallel power output:900VA
- Long-term allowable working value of phase current
- (effective value):10A
- Allowable working time of maximum current:10 s
- Frequency range(fundamental wave):20-1000Hz
- Harmonic wave times:1-20times
- Accuracy:0.5 %

AC voltage output

- Phase voltage output (effective value):0~1 2 0V
- Line voltage output (effective value):0~2 4 0V
- Phase voltage/Line voltage output power:80VA/100VA
- Frequency range(fundamental wave):20-1000Hz
- Harmonic wave times:1-20times
- Accuracy:0.5 %

DC voltage output

- Phase voltage output range:0~±1 6 0V
- Line voltage output range:0~± 32 0V
- Phase voltage/Line voltage output power:70VA/140VA
- Accuracy:0.5 %

DC current output

- Output range:0- ±10A /phase, 0- ± 3 0A / parallel
- Maximum output load voltage:20V
- Accuracy:0.5 %
- Binary input(7channels): Idle contact:1~20mA, 24V (DC) Electric potential
- contact: “0” : 0 - +6V ; “1” : +11 V- +250V
- Binary output(2pairs): DC:220V/0.2A AC:220V/0.5A
- Time measurement: range: 0.1ms-9999s accuracy 0.1ms

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