Relay Protection Tester

General Information about ADRP-1400 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.
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): 0~120A
- Maximum parallel power output: 900VA
- Long-term allowable working value of phase current: 10A
- Allowable working time of maximum current: 10s
- Frequency range (fundamental wave): 20-1000Hz
- Harmonic wave times: 1-20times
- Accuracy: 0.5%

**AC voltage output**
- Phase voltage output (effective value): 0~120V
- Line voltage output (effective value): 0~240V
- 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±160V
- Line voltage output range: 0±320V
- Phase voltage/Line voltage output power: 70VA/140VA
- Accuracy: 0.5%

**DC current output**
- Output range 0-±10A/phase: 0-±30A/parallel
- Maximum output load voltage: 20V
- Accuracy: 0.5%

**Binary input (7 channels):**
- Idle contact: 1~20mA, 24V (DC)
- Electric potential contact: “0”: 0-+6V; “1”: +11V - +250V

**Binary output (2 pairs):**
- DC: 220V/0.2A
- AC: 220V/0.5A

**Time measurement**
- Measurement range: 0.1ms-9999s accuracy 0.1ms