

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 (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

- Measurement range: 0.1ms-9999s accuracy 0.1ms

