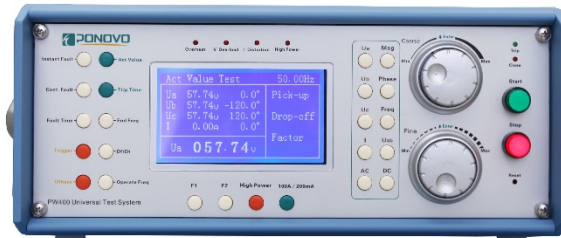


S100A

Single Phase Universal Protection Relay Test Set



Specifications

Voltage generators

Range

Frequency	40Hz~60Hz
Phase angle	0~359.9°
AC voltage	3×0 -150V
AC current	Source 1 0A-100A Source 2 0mA-200mA
DC voltage	0-300V (through Uab)
DC current	Source 1 0A-10A Source 2 0mA-200mA
Auxiliary DC	0V/110V/220V
Response time for V and I	< 100 us

Output power

AC Voltage	Max. 60VA
AC Current	Max. 800VA
Auxiliary DC	110W at 220V

Binary output

Number	1
Type	Dry contact
Break capacity AC	Vmax: 250V (AC) / Imax: 0.5A
Break capacity DC	Vmax: 250V (DC) / Imax: 0.5A

Dimension and weight

Aluminum casing	
364 mm×155.5 mm×415mm (W×H×D)	18 kg

Power supply 110/220V±15% 50Hz 10A

AC voltage

Range	0V~1V	1V~2V	2V~150V
Accuracy	±5mV	±0.5%	±0.2%

AC current

Range	0-200mA (source 2)	0A~1A	1A~2A	2A~100A
Accuracy	±0.4mA	±5mA	±0.5%	±0.2%

DC voltage

Range	0V~5V	5V~300V
Accuracy	±20mV	±0.5%

DC current

Range	0-200mA (source 2)	0.2A~1A	1A~10A
Accuracy	±0.2mA	±5mA	±0.5%
Auxiliary DC accuracy	±1%		
Phase angle accuracy	<0.2°		
Frequency accuracy	±2mHz		

Binary inputs

Number	2
Type	15V-250V(DC) or potential free
Sample rate	5KHz
Resolution	1ms
Debounce time	20ms
Isolation	Independent galvanic isolation



PONOVO POWER CO., LTD.

No.139 Jinghai Third Road, BDA, Beijing, China. 100176
Tel : +86 (10) 59089666 Fax: +86 (10) 59089999
www.ponovo.net
info@relaytest.com support@relaytest.com