

Instrument Transformer Testing Set DAC-VCTT-6

SOKEN



OUTLINE

DAC-VCTT-6 has been designed to test errors of Instrument Current Transformer (CT) and Instrument Voltage Transformer (VT) precisely in test site. Primary designed so as solid, small, easy to carry with the simplest necessary functions though, reliable accuracy maintains.

FEATURES

- **Aluminum Trunk Type, light in weight, easy to carry.**
- **Shorten the measuring time much more than traditional relative measuring equipments.**
- **Suitable for field test trip and quality control at products line.**



SOKEN ELECTRIC CO., LTD.
<http://www.soken-jp.com>

Instrument Transformer Testing Set

DAC-VCTT-6

SPECIFICATIONS

Test Method	Equal Ratio Comparison Test Method with standard.		
Standard CT & VT	Provided as option.		
CT & VT under test	Voltage Transformer	Rated Secondary voltage	110V, 110/ $\sqrt{3}$ V
	Current Transformer	Rated Secondary Current	5A, 1A

Measuring Range

Ratio Error and Phase Angle

Measuring Range		Display	
Ratio Error(%)	Phase Angle(min)	Ratio Error(%)	Phase Angle(min)
2%	20 min	0~ $\pm 1.999\%$	0~ ± 19.99 min
20%	200 min	0~ $\pm 19.99\%$	0~ ± 199.9 min

VT Secondary Voltage	VT 110V Rating	2.0~220V
	VT 110/ $\sqrt{3}$ V Rating	1.2V~127V
CT Secondary Current	CT 5A Rating	0.1~10A
	CT 1A Rating	0.02~2A
Test Frequency	50Hz/60Hz (manually selected)	

Resolution

Ratio Error and Phase Angle

Range	Ratio Error	Phase Angle
2%	0.001%	0.01 min
20%	0.01%	0.1 min

Accuracy

Ratio Error and Phase Angle	More than 20% of rating	$\pm(3\%Rdg+4 \text{ digits})$
	Less than 20% of rating	$\pm(3\%Rdg+6 \text{ digits})$

Internal Burden

Less than 1VA

Input Power

AC100V~240V 50Hz/60Hz

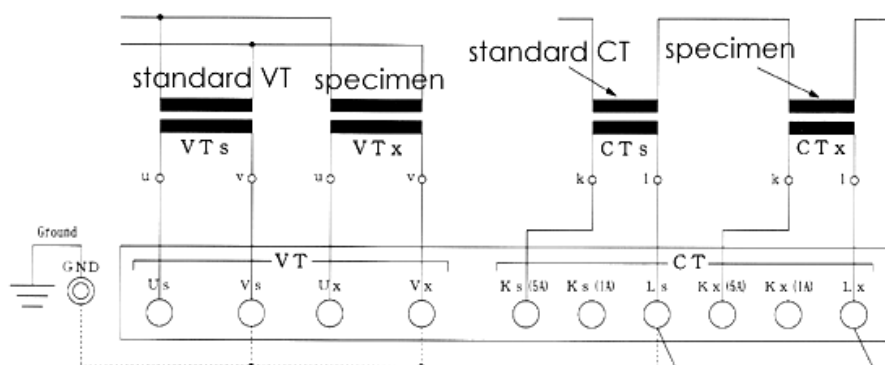
Operating Environment

Humidity 35%~80% (no dew)

Temperature 10°C~35°C

Size and Weight

W430×H180×D320 mm (without projection) 10.0kgs/Net



Specifications are subject to change for improvements without prior notice.



Main Office • Factory
ISO9001 : 2008

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