



Features:

- Accuracy less than 0.1%
- Easy mounting
- High output power
- Integration with the system

The PVT Multisecondary Voltage Separating Transformer was designed keeping in mind the alternating current measurement systems requiring galvanic separation of the measuring circuits. Thanks to the unique winding technology applied excellent parameters have been achieved. Maximum ratio error 0.1% makes the instrument an ideal solution for a wide range of applications. Among them there is a possibility of using the transformer for testing electricity meters with

closed I-P links i.e. meters with connected current and potential circuits.

The PVT Multisecondary Voltage Separating Transformer can be controlled either with a local switch or by the test bench control software. The control makes it possible to bypass the transformer.

The PVT Multisecondary Voltage Separating Transformer is intended for single-phase meter testing.

Operating Range	
Nominal voltage	230V or other on demand
Ratio	1:1
Nominal frequency	50 or 60 Hz
Number of secondaries	12, 24, 36 or other on demand
Output power	20 VA / secondary
Accuracy	
Maximum ratio error	≤ 0.1%
Maximum phase angle error	≤ 2 minutes
Maximum variation between any two secondary windings when equally loaded with rated burden:	± 0.03% ratio error and ± 1 minute phase angle error
Safety	
Maximum test voltage between primary and secondaries	2.5 kV
Maximum test voltage between secondary windings:	500 V
Physical description	
Case	Light aluminum profiles and steel covers finished with powder coating
Connections	screw connector blocks