Sensor: Voltage transformers

Voltage transformer measurement for single phase and multiphase transformers. Voltage measurement via transformation ratio.

Technical characteristics

Frequency	16 $Hz^{2/3}$ - 50 Hz - 400 Hz –up to 800 Hz
Power	Up to 500 VA
Accuracy class	Down to 0.2%
Insulation class	Up to 240°C
Resin	Molded or not. The molding protects against the external environment

Key Benefits

- **High Accuracy down to 0.2%**
- **Reliability**

+ Electrical tool with high accuracy for measurement phase shift and amplitude

Example of overmolded transformer with casing

Frequency	50 Hz
Primary	100 V
Secondary	5 V
Accuracy	0.2%
Weight	0.43 kg

Example of molded transformer for railway

Frequency	50 Hz
Primary	100 V
Secondary	100 V
Accuracy	0.5%
Weight	1.85 kg

Example of three phase measurement transformer

Frequency	50 Hz
Primary	3 x 495 V
Secondary	3 x 13.5 V
Accuracy	1%
Weight	12 kg