

CURRENT & POTENTIAL TRANSFORMERS

Up to 33kV Applications

Precision Measurement. Reliable Protection.



HIGH ACCURACY

Precise measurement
for reliable performance.



RELIABLE PROTECTION

Ensuring safety of equipment
and power systems.



ENGINEERED QUALITY

Built with advanced technology
and stringent quality control.



INDUSTRY TRUST

Delivering consistent value
to power the future.

INTRODUCING CT & PT

Introduced in 2025, Powertech's Current Transformers (CT) and Potential Transformers (PT) are engineered for precision measurement and reliable protection in modern power systems.

CURRENT TRANSFORMER (CT)

Converts high current into measurable values for monitoring and protection.



TECHNICAL SPECIFICATIONS

	25-2000A (HT) / 1A or 5A
	50 Hz
	0.2 / 0.5 / 1 / 5P
	Up to 33kV

APPLICATIONS



Energy
Metering



Protection
Systems



Industrial
Panels



Substations

POTENTIAL TRANSFORMER (PT)

Steps down voltage for safe measurement and control applications.



	Up to 33kV / 110V
	50 Hz
	0.2 / 0.5 / 1
	Cast Resin

APPLICATIONS



Voltage
Measurement



Protection
Systems



Control
Panels



Power
Monitoring



Engineered for precision. Built for safety.

ADVANCED MANUFACTURING

State-of-the-art manufacturing processes ensure precision, durability and consistent performance across all CT & PT products.



PRECISION WINDING

High accuracy winding for consistent performance.



CAST RESIN MOULDING

Advanced resin casting for superior insulation and strength.



MODERN PRODUCTION LINE

Streamlined workflows for quality and efficiency.

TESTING & QUALITY ASSURANCE

Every CT/PT unit undergoes rigorous testing to ensure high accuracy, safety, reliability and compliance with national and international standards.



ROUTINE TESTING

All units tested as per relevant standards for performance verification.



HIGH VOLTAGE TESTING

Withstanding voltage and insulation tests for maximum safety.



ACCURACY CALIBRATION

Precision calibration to ensure reliable measurement accuracy.



INSULATION TESTING

Comprehensive insulation resistance and dielectric tests.



Ovens



Vacuum Casting Plant



CNC YIBO Winding Machines



ACME Winding Machine



Quality is not an act, it is **our habit**.



WHY CHOOSE POWERTECH?

Powertech's CT & PT solutions are designed to deliver accuracy, safety and reliability for every measurement and protection application.



HIGH ACCURACY & PERFORMANCE

Precision engineered CT & PT units ensure accurate measurement and dependable protection.



RELIABLE PROTECTION

Built for safety and long service life in demanding electrical environments.



IN-HOUSE MANUFACTURING

Advanced manufacturing facilities with strict quality control at every stage.



TESTED & CERTIFIED QUALITY

All products are rigorously tested to meet national and international standards.



EXPERT SUPPORT

Dedicated technical support and customer service for seamless assistance.

CONTACT US

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