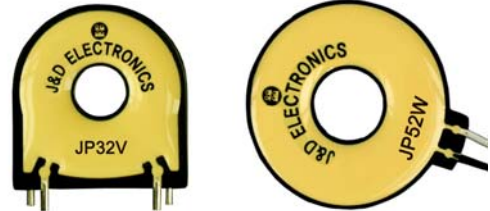


CT for High Precision WHM

The **JP Series** is high precision CT complied with electronic watt-hour meter (0.1 / 0.2 / 0.5 class) that is designed for power plant, distribution and industrial instruments. This has excellent properties of phase angle error and linearity error in the low current. The JP Series is closer to zero on the temperature dependence.

The JP series for electronic Watt-hour meters is complied with IEC 62053-22, ANSI C12.xx and EN 50470-3. We also design indirect connected CT (industrial meter) and direct connected CT to the mains (residential meter).

- Sensing aperture: 5/7/8/9/12/13/19/30 mm
- Primary rated current ranges: 5-400 Arms
- Turns Ratio: 1/1000~1/2500 (Standard Models)
- Turns Ratio: 1/3000~1/5000 (On request)
- Phase Angle Error: $0.05^{\circ} \pm 0.03^{\circ} \sim 0.3^{\circ} \pm 0.05^{\circ}$
- Linearity Error: $\pm 0.03 \sim \pm 0.1 \%$

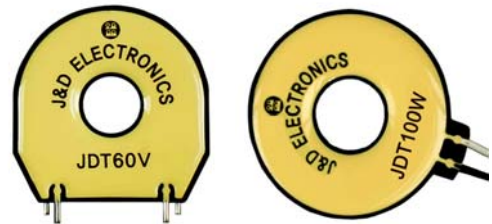


The **JIV Model** is voltage transformer of current type that is designed with 0.2class and it satisfies with IEC 62053-24 of VARH Meter.

With DC-tolerance CT for WHM

JDT Series is designed to comply with IEC 62053-21, -23 & EN 50470-3 for regulations of electronic watt-hour meters. It has the current range from 20Adc to 120Adc and due to the low permeability, a phase angle error of typically 4° to 5° occurs which is easy to compensate on account of its high constancy of typically 0.05° .

- Sensing aperture: 7/8/9/12/13 mm
- Primary rated current ranges :
20-120 Arms (Standard Models)
- Primary rated current ranges :
5-400 Arms (On request)
- Shield type : On request



Split-core Current Transformer

The **split core current transformer** design is used for energy efficiency monitoring and automation applications. This includes sub-metering cost allocation, dynamic energy consumption and peak load analysis. The JC series of AC current transformer is simple to use, compact split-core design which is easily installed for metering applications. This is ideal for distributed measurement systems and can be retro-fitted into existing installations and non-interruptible equipment as there is no requirement for disconnection and reconnection of wiring.

- Sensing aperture: 10/16/24/36 mm
- Primary rated current ranges: 5-600 Arms
- Turns Ratio: 1/100~1/3000 (Standard Models)
- Turns Ratio: 1/4000~1/20000 (On request)
- Phase Angle Error: $+0.5^{\circ} \pm 0.5^{\circ} \sim +2.0^{\circ} \pm 1.0^{\circ}$
- Linearity Error: $\pm 1\%$



Schedule of International Exhibition in 2009

- 2009 Hannover Messe (April 20~24)
- African Utility Week 2009 (May 18~22)
- ECEMF 2009 in Tokyo (May 27~29)
- Metering, Billing/CRM Europe (October 6~8)

 **J&D**
High Quality Sensing

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