



PROVIDING RELIABLE CURRENT AND VOLTAGE MEASUREMENT SOLUTIONS TO GLOBAL USERS



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SPLIT CORE CURRENT TRANSFORMERS FOR BUSBAR

APPLICATIONS

- Photovoltaic energy storage, Energy efficiency management, Power factor correction

FEATURES

- Split core structure
- Square Window (mm): 20*30, 40*130, 50*80, 55*130, 80*120, 80*160
- Rated Primary Current: 50A-5000Aac
- Rated Secondary Output: 5A or 1Aac
- Accuracy Class: 0.5S, 0.5, 1.0, 3.0
- Working Temperature: -15°C to +50°C
- Highest Voltage for Equipment (rms): $\leq 0.72\text{KVac}$
- Dielectric Strength: 4000Vac/10s
- Insulation Resistance: 100M Ohms@500Vdc
- Working Frequency: 50-400Hz, can overlay 50 times harmonics.
- Standards Compliant: IEC 61869-1, -2



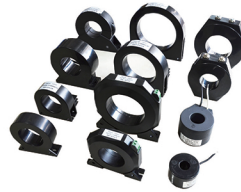
720V INSTRUMENT CURRENT & VOLTAGE TRANSFORMERS

APPLICATIONS

- Current, Power, Energy monitoring devices
- Relay protection devices

FEATURES

- CTT series for cable (circular window), CTB series for busbar (square window)
- Rated Primary Current: 50A-4000Aac
- Rated Secondary Output: 5A or 1Aac
- Accuracy Class: 0.2S, 0.2, 0.5S, 0.5, 1.0
- Ambient Temperature: -25°C to +70°C
- Highest Voltage for Equipment (rms): $\leq 0.72\text{KVac}$
- Dielectric Strength: 4000Vac/10s
- Insulation Resistance: 100M Ohms@500Vdc
- Working Frequency: 50-400Hz
- Standards Compliant: IEC 61869-1, -2



CLAMP ON CURRENT TRANSFORMERS

APPLICATIONS

- Power quality analysis, portable current detection equipment, energy and power factor correction devices

FEATURES

- Two Series: CTC series and iProbe series
- Rated Primary Current: 5A-1000Aac
- Rated Secondary Output: 1mVac/Aac or mAac
- Accuracy Class: 0.2, 0.5, 1.0
- Ambient Temperature: -25°C to +55°C
- Highest Voltage for Equipment (rms): $\leq 0.72\text{KVac}$
- Dielectric Strength: 3000Vac/10s
- Insulation Resistance: 100M Ohms@500Vdc
- Working Frequency: 50-400Hz, can overlay 50 times harmonics.
- Standards Compliant: IEC 61869-1, -2



ZERO SEQUENCE (RESIDUAL) CURRENT TRANSFORMERS

APPLICATIONS

- Current and voltage monitoring, fire and leakage protection system, small current grounding system

FEATURES

- Good balance characteristics and consistency
- Complete range of products, suitable for cable and busbar installation environments
- Current Range: 10mA-20A
- Accuracy Class: 0.2, 0.5, 1.0
- Ambient Temperature: -40°C to +85°C
- Highest Voltage for Equipment (rms): $\leq 0.72\text{KVac}$
- Dielectric Strength: 3000Vac/10s
- Insulation Resistance: 1000M Ohms@500Vdc
- Working Frequency: 50-2KHz
- Standards Compliant: IEC 60947-2



COMPANY PROFILE



Founded in March 1999, YUANXING is an industrial leader in providing innovative, high-quality, high-reliability current / voltage converter and isolation sensor solutions for global users. Our products are widely used in power, telecommunication, aviation, railway, rail transportation, clean energy, electric vehicle, industrial automation and other fields.

YUANXING's technologically advanced product development, engineering, and lean manufacturing teams are committed to providing standardized or individualized customization services to meet the needs of users in emerging technologies and applications. After more than 20 years of development, YUANXING has the most complete product range in the global current and voltage converter and isolation sensor industry, and also becomes one of the most competitive companies in the industry.

YUANXING has more than 500 employees, with an annual production capacity of more than 30 million current and voltage sensors. Many of our products have passed the safety certification of European CE laboratory and American UL laboratory, and we have a North American sales office in Tacoma, Washington, USA. YUANXING has become an important supplier of current and voltage sensors to China's State Grid, Southern Power Grid, Guodian Nanzi, Guodian Nanrui, and the world's industrial electrical giants Siemens, Schneider and Emerson.



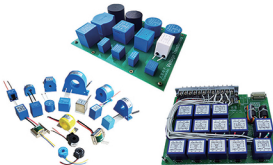
MINIATURE CURRENT & VOLTAGE TRANSFORMERS

APPLICATIONS

- Current, Power, Energy monitoring devices
- Relay protection devices, Faulty recording devices

FEATURES

- Rated Primary Current: 1A-1000Aac
- Rated Primary Voltage: 57.7V, 100V, 220V, 400V
- Rated Secondary Output: 0.353Vac or mA current
- Accuracy Class: 0.1, 0.2, 0.5
- Ambient Temperature: -40°C to +85°C
- Highest Voltage for Equipment (rms): $\leq 0.72\text{KVac}$
- Dielectric Strength: 3000Vac/min
- Insulation Resistance: 1000M Ohms@500Vdc
- Working Frequency: 50-2KHz
- Standards Compliant: IEC 61869-1, -2, -3, -10, IEC C57.13, UL2808
- UL file #: E466650 / E468983 (UL Listed, XOBA)



HIGH PRECISION CURRENT & VOLTAGE TRANSFORMERS

APPLICATIONS

- High precision measuring devices for current, power, and electrical energy, gateway meters.

FEATURES

- Electromagnetic induction type, no need for external power supply
- Zero magnetic flux principle, good linearity
- Accuracy Class: 0.02, 0.05, 0.1
- Ambient Temperature: -40°C to +70°C
- Highest Voltage for Equipment (rms): $\leq 0.72\text{KVac}$
- Dielectric Strength: 3000Vac/min
- Insulation Resistance: 1000M Ohms@500Vdc
- Working Frequency: 50-2KHz
- Standards Compliant: IEC 61869-1, -2, -3



CURRENT TRANSFORMERS FOR TRANSIENT PROTECTION & FAULT RECORDING DEVICES

APPLICATIONS

- For use in power system relay protection devices to accurately transmit the periodic component of short-circuit fault currents. For use in fault recording devices to accurately transmit full current signals of short-circuit fault currents.

FEATURES

- Rated Input Current: 1A, 5A
- Overload Multiple: 20In, 30In, 40In
- Accuracy Class: 0.5, 1.0
- Ambient Temperature: -40°C to +85°C
- Highest Voltage for Equipment (rms): $\leq 0.72\text{KVac}$
- Dielectric Strength: 3000Vac/min
- Insulation Resistance: 1000M Ohms@500Vdc
- Working Frequency: 50-2KHz
- Standards Compliant: IEC 61869-100



CURRENT TRANSFORMERS FOR MOTOR PROTECTION

APPLICATIONS

- Application for current monitor of AC motors, illumination devices, air compressors and HVAC etc.
- Current measurement, monitoring and protection for circuitry and equipment.

FEATURES

- Three phase integrated structure, vertical and horizontal structure
- Window ID: 10, 15, 20, 25, 30, 40mm
- Rated Primary Current: 1A-400Aac
- Rated Secondary Output: 0.353Vac or mA Current
- Accuracy Class: 0.2, 0.5
- Ambient Temperature: -25°C to +55°C
- Highest Voltage for Equipment (rms): $\leq 0.72\text{KVac}$
- Dielectric Strength: 3000Vac/min
- Insulation Resistance: 1000M Ohms@500Vdc
- Working Frequency: 50-1KHz
- Standards Compliant: IEC 61869-6, -10



Miniature Current & Voltage Transformers
High Precision Current & Voltage Transformers
Current Transformers for Motor Protection
Split Core Current Transformers for Cable
Split Core Current Transformers for Busbar
720V Instrument Current & Voltage Transformers
Clamp On Current Transformers
Zero Sequence (Residual) Current Transformers
Current Transformers for Transient Protection & Fault recording devices



SHANDONG YUANXING ELECTRONICS CO., LTD.

SPLIT CORE CURRENT TRANSFORMERS FOR CABLE

APPLICATIONS

- Photovoltaic energy storage and energy efficiency management

FEATURES

- Split core structure
- Four Series: CTS, CTSA, CTSR, CTSK, CTSE
- Window ID: 5, 10, 16, 24, 35, 40, 50mm
- Rated Primary Current: 5A-1000Aac
- Rated Secondary Output: 0.353Vac or mA current; 5A or 1Aac
- Accuracy Class: 0.5, 1.0, 3.0
- Working Temperature: -15°C to +50°C
- Standards Compliant: IEC 61869-1, -2, -10; UL2808
- UL file #: E466650 / E468983 (UL Listed, XOBA)

