

# Clamp on Current Transformers

## Clamp on Current Transformers

The YUANXING CTC series of clamp-on current transformers are designed for fast and easy installation. The clamp-on core design permits non-contact current measurements through magnetic field induction without requiring that the primary wire be taken offline and disconnected for CT installation. This method permits a safer, easy and portable current measurement.



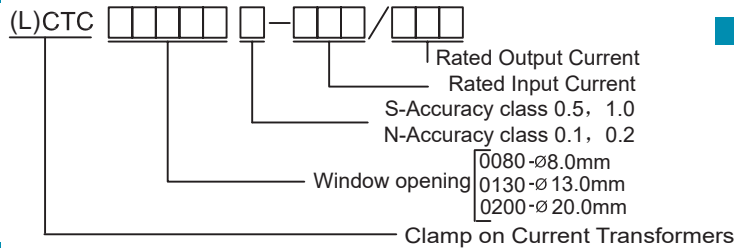
### FEATURES

- Low cost • 4 standard sizes
- Clamp-on core design; safer, easier installation, portable
- Both Silicon Steel & Nickel Alloy cores available

### SPECIFICATIONS

- Case material: Polypropylene resin
- Voltage Range: 600ac (isolated condition), 30Vac (bareness condition)
- Operating Temperature: -25°C to +60°C
- Dielectric Resistance: 1000MΩ @ 500 Vdc
- Isolation Voltage: 2500 Vrms for 1 minute
- Frequency: 50 - 400 Hz • RoHS compliant • CE-approved

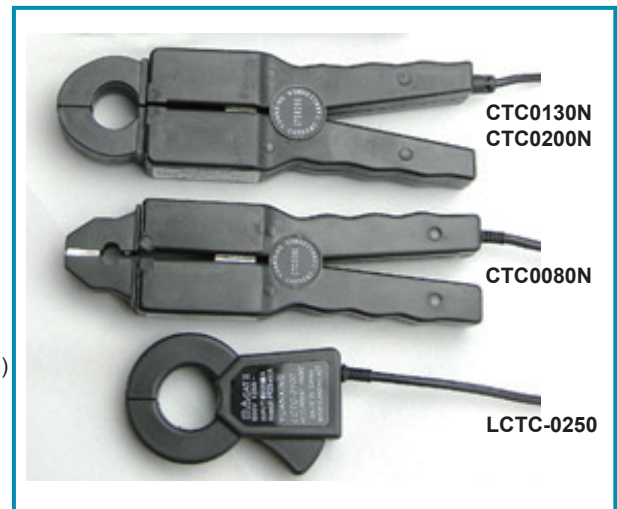
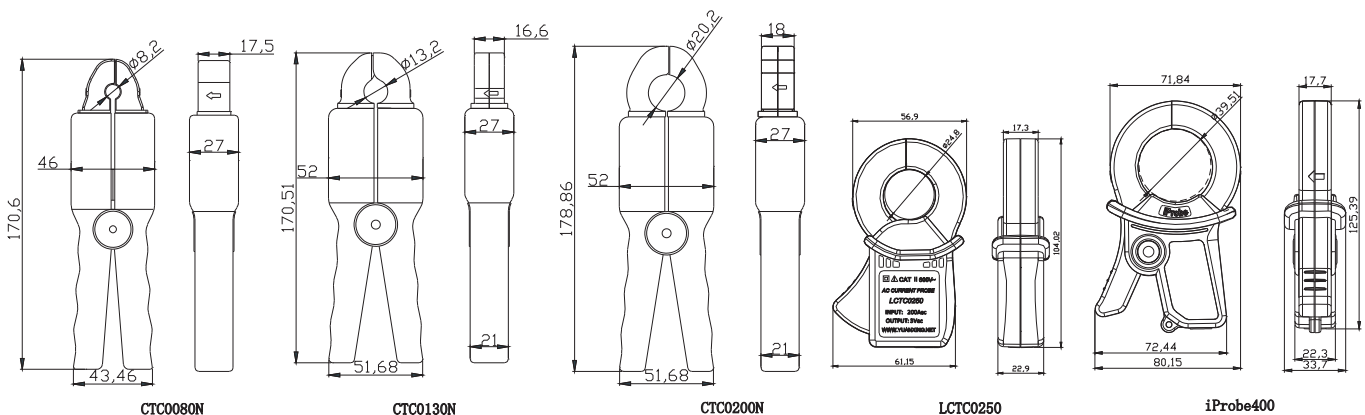
### PART NUMBER



### PERFORMANCES

Model	Rated Input (A)	Ratio	Frequency (Hz)	Second burden (Ohms)	Accuracy Class	Outline Dimensions (mm)
CTC0080N	1~100	1:1000 1:2000 1:2500 ...	50 to 400	≤20	0.1,0.2	ID-L-W-H 8.0-171.0-46.0-27.0
CTC0130N	5~200		50 to 400	≤5	0.1,0.2	ID-L-W-H 13.0-174.0-52.0-27.0
CTC0200N	5~200		50 to 400	≤5	0.1,0.2	ID-L-W-H 20.0-180.0-52.0-27.0
LCTC0250	Input: 100A Output: 0.333, 1.5V	--	50 to 400	≥100K	1.0	ID-L-W-H 25.0-87.0-50.0-19.5
iProbe400	5~200	1:1000 1:2000 1:2500...	50 to 400	≤10	0.5,1.0	ID-L-W-H 40-126-80-22.5

### DIMENSIONS



### APPLICATIONS

- Silicon Steel cores provide moderate accuracy and lower cost for appropriate current measurement current
- Nickel Alloy cores are suitable for applications that require the highest accuracy with minimal phase angle error. Applications would include electric power quality monitoring devices

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