

Split Core Current Transformers

CTSB series (secondary output 5A or 1A, Suitable for measuring the bus current)

The YUANXING CTSB series of split core style current transformers are designed for fast and easy installation. The split core design permits non-contact current measurements through magnetic field induction without disconnecting cables or busbar circuits for CT installation. This method permits a safer, easier and portable current measurement.



FEATURES

- Low cost
- 5 standard sizes
- Split core design, safer, easier installation, and portable

APPLICATIONS

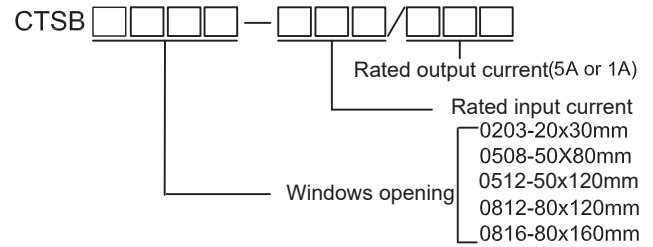
- Current, power, energy, monitoring devices
- Power Factor Correction devices
- Active Power Filter

SPECIFICATIONS

- Rated Primary current: 100-5000Aac
- Rated Secondary current: 5 , 1Aac or voltage
- Rated load: 1, 2.5, 5.0, 10, 30VA
- Accuracy: 0.5, 1.0, 3.0 Class
- Rated security coefficient: FS<5
- Case Material:UL flame retardant rating 94-V0
- Highest Voltage for Equipment Um (rms): 720 Vac
- Rated Power-Frequency Withstand Voltage (rms): 3,000 Vac
- Frequency Range: 50~400Hz
- Operating Temperature: -15°C to 50°C
- Standard: IEC 61869-1, IEC 61869-2 0.5, 1.0, 3.0级
- RoHS compliant
- CE & ETL approved
- Accessories: Supplied with feet for base mounting if required



PART NUMBER



OUTLINE DIMENSION AND PERFORMANCES

Unit:mm

| Model | Primary Current (A) | Accuracy Grade | Window Dimensions (mm) | Outline Dimensions L-W-H | Weight(Kg) |
|------------------------|---------------------|-----------------|------------------------|--------------------------|------------|
| CTSB0203 | 100-400 | 0.5 1.0 3.0 | 21-31 | 89-105-40 | 0.78 |
| CTSB0508 | 250-1200 | 0.5 1.0 3.0 | 50-80 | 114-145-32 | 0.9 |
| CTSB0512 | 600-4000 | 0.2 0.5 1.0 3.0 | 55-129 | 143-191-49 | 2.2 |
| CTSB0812 | 500-1500 | 0.5 1.0 3.0 | 80-120 | 144-185-32 | 1.25 |
| CTSB0816 | 500-5000 | 0.2 0.5 1.0 3.0 | 80-160 | 176-247-52 | 4.4 |
| CTSB0413 (Hinge Type) | 500-3000 | 0.5,1.0,3.0 | 45-130 | 125.4-193-44 | 1.1 |
| CTSB0508B (Hinge Type) | 400-1000 | 0.5,1.0,3.0 | 54-84 | 122-150-37 | 1.3 |
| CTSB0812B (Hinge Type) | 500-1600 | 0.5,1.0,3.0 | 80-120 | 144-185-33 | 1.82 |

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