

Standard Current Transformer



GENERAL DESCRIPTION

The Models 2511 & 2512 Instrument Current Transformers are precision 2,000 amperes CTs designed for accurate measurement of AC Current or for Instrument Current Transformer calibration applications. The CT can be installed on a bus bar for current in the range of 1000 to 2000 amperes or it can be used with a primary conductor consisting of several turns at lower ratios.

The 2511 & 2512 CTs are designed with a tapped primary and a tapped secondary winding providing many ratios over the range of 5...2,000 amperes. The CT provide high accuracy at low burdens without any compensation. The 2511 provides a secondary of 5 ampere, while the 2512 provides a secondary of 1 ampere.

The CT winding are designed such as to provide the user with a facility to test the performance of the CT and verify its accuracy.

SPECIFICATIONS:

- Primary : Pre-wound primary for 5...100 amperes.
Customer applied primary (1....10 turns) for 100..2,000 amperes.
- Secondary : 5 ampere for 2511; 1 ampere for 2512.
- Test Primary : A 2000 ampere-turn winding is provided to allow for self testing of the CT
- Accuracy : 0.05 IEC Class at a burden of 2.5 VA, at 50/60 Hz.
- Ratios provided : 5, 6, 7.5, 7, 8, 9, 10, 12, 13, 14, 15, 16, 20, 25, 30, 35, 40, 45, 50, 60, 65, 70, 75, 80, 90, 100 with pre-wound primary winding and 120, 125, 130, 140, 150, 160, 175, 180, 200, 240, 250, 260, 280, 300, 320, 325, 350, 360, 375, 400, 500, 600, 650, 700, 750, 800, 900, 1000, 1200, 1500, 1600, 1800 and 2000 with customer applied primary winding.
- Duty Cycle : Continuous up to 2,000 amperes, 30 minutes at 200% current (4kA).
- Physical Size : Approx. 410 x 410 x 110mm, 90mm feed through hole.
- Weight : Approx. 25 kgs,

NOTE : We also provide 0.005 class at a burden of 1VA at 50/60Hz for 2000/5
The 2000/1A Std Cts (Model 2512), the ratio provided will be upto 5/1 only.

OTHER PRODUCTS

■ Automatic Transformer Ratio Meters. ■ Manual & Automatic Transformer Winding Resistance & On Load Tap Changer Test Sets.
■ Automatic CT/VT Test Sets & Systems. ■ Transformer loss Measurement System ■ Automatic Tan Delta & Resistivity Test sets for Transformer Oil. ■ Digital Micro Ohm Meters with built in 100A. source ■ Relaying Current Transformer Analyser.



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(SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)

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