

CURRENT TRANSFORMER BURDEN



CB 2016

The Current Transformer Burdens are designed for loading instrument current transformers during accuracy tests. Burdens are designed to confirm with IEC 60044-1 specifications.

General arrangement is where the burden element can be connected in the circuit of current transformer in any combination for accuracy tests. A large number of possible values of VAs (Volts-Amps) at rated power factor of 0.8 is provided. Each VA element can be suitably selected and added to get required VAs.

SPECIFICATIONS

Rated Input Current : 5A or 1A

Ratings : 40VA, 20VA, 10VA, 7.5VA, 6.25VA, 5VA and different combinations of these @ 0.8 PF
3.75, 2.5, 1.875, 1.25 and 1VA @ 1.0 PF

Maximum Burden at 0.8 PF : 88.75VA in steps of 5VA

Current Operating Range : 1 to 200% of rated current

Accuracy : $\pm 3\%$ and $\pm 3\%$ of PF @ 0.8 PF
 $\pm 1\%$ of PF @ 1.0 PF

Approx Weight : 15 kgs

Dimensions (mm) : 483 x 365 x 178 (LxBxH)
- 4 U Chassis

Note : Burdens for ANSI specification and any Special Burdens can be supplied on request.



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Eltel Industries, established in 1983, is a market leader in the development and manufacturing of test instruments for electrical power industries and utilities.

Eltel Industries – Calibration Laboratory (including on-site calibrations) is NABL - ACCREDITED in electro-technical discipline in accordance to ISO/ IEC:17025/2005.

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(Specifications subject to change without notice)