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	:	± 3% of VA (5% - 120%)
	:	± 3% of 0.8PF and 1% of Unity PF (5% to 200%)
	:	± 5% of VA for Extended Range
	:	± 5% of VA for Extended Range for Extended Range
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.

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:17025/2017.

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(Specifications subject to change without notice)

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