

POTENTIAL TRANSFORMER BURDEN



PB 2016

The Potential/ Voltage Transformer Burdens are designed for loading instrument voltage transformers during accuracy tests. Burdens are designed to conform with IEC 61869-3 specifications. Burden Power Factor is maintained at 0.8 over the range of 1.25 to 228.75VA & 10VA to 1VA @ 1.0PF.

Burden elements are arranged in binary sequence & can be connected to the transformer in any combination. Large number of possible burden values are provided in this manner.

SPECIFICATIONS

Individual Burden Element Rating	: 10, 5, 2.5, 1.25, 1VA @ 1.0 PF 100, 50, 40, 20, 10, 5, 2.5, 1.25 @ 0.8 PF
Maximum Burden at 0.8 Power Factor	: 228.75VA in steps of 2.5VA
Rated Input Voltage	: 110V or 100V or 63.5V or 57.7V
Voltage Operating Range	: 5% to 200% of rated Voltage
Accuracy	: $\pm 3\%$ of VA at 80% - 120% of rated Voltage $\pm 5\%$ of VA at 80% - 5% of rated Voltage $\pm 3\%$ of PF @ 0.8 PF and ± 1 of 1.0 PF
Approx Weight	: 15 kgs
Dimensions (mm)	: 483 x 365 x 178 (L x B x H)
Note	: Burdens for ANSI specification and any Special Burdens can be supplied on request.



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Etel Industries, established in 1983, is a market leader in the development and manufacturing of test instruments for electrical power industries and utilities.
Etel Industries – Calibration Laboratory (including on-site calibrations) is NABL - ACCREDITED in electro-technical discipline in accordance to ISO/ IEC:17025/2005.