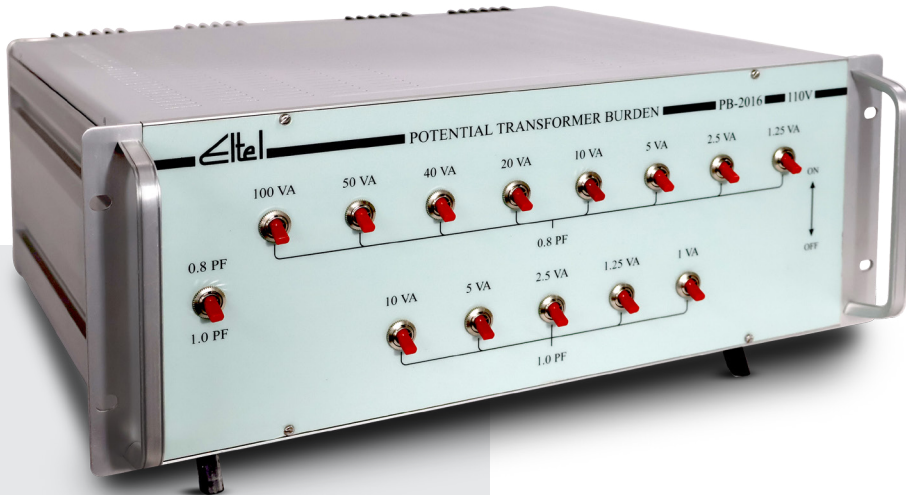


POTENTIAL TRANSFORMER BURDEN



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 specifications. Burden Power Factor is maintained at 0.8 over the range of 2.5 to 227.5VA & 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 1.25VA

Rated Input Voltage : 110V or 100V or 63.5V or 57.7V

Voltage Operating

Range : 5% to 200% of rated Voltage

Accuracy

: ± 3% of VA at 80%
 - 120% of rated Voltage
 ± 3% of PF @ 0.8 PF
 and ± 1% of Unity PF
 ± 5% of VA for Extended Range
 ± 5% of 0.8 PF and ± 3% of Unity PF
 for Extended Range

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:17025/2017.