

Potential Transformer Burden



MODEL PB - 96

The Potential/Voltage Transformer Burdens are designed for loading instrument voltage transformers during accuracy tests. Burdens are designed to conform with IEC 60044-2 specifications. Burden Power Factor is maintained at 0.8 over the range of 2.5 to 207.5 VA

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.

General Specifications :

1. Individual Burden Element Rating : 80, 50, 40, 20, 10, 5, 2.5, VA at 0.8 Power Factor
2. Maximum Burden at 0.8 Power Factor : 207.5 VA in steps of 2.5 VA
3. Rated Input Voltage : 110 V or 100 V or 63.5 V or 57.7V
4. Voltage Operating Range : 5% to 200% of rated Voltage
5. Accuracy : $\pm 3\%$ of VA at 80 - 120% of rated Voltage
 $\pm 5\%$ of VA below 80% of rated Voltage
 $\pm 3\%$ of PF at 0.8 PF
6. Approx Weight : 15 kgs
7. Dimensions : 483mm x 365mm x 178mm (LxBxH)

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

OTHER PRODUCTS

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



ELTEL INDUSTRIES

311 EMBASSY CENTRE, CRESCENT ROAD, BANGALORE-560 001, INDIA
TEL. : 91-80-22255467, 22205686, 22284253, 22284298 FAX : 91-80-22252733
E-mail: marketing@eltelindustries.com Web site: <http://www.eltelindustries.com>

Works : Plot No. 39, KIADB Industrial Area, Veerapura, Doddaballapur, Bangalore - 561 203, INDIA
TEL : 91-80-7630366, 7630367, 7630368 ■ FAX : 91-80-7630351

CHENNAI: 044-24339075 ■ KOLKATA: 033-24765536, FAX : 24752394 ■ MUMBAI: 022-25398358, FAX : 253839360
■ NOIDA : 0120-2451141, FAX : 2451142

Certified ISO 9001:2000 by



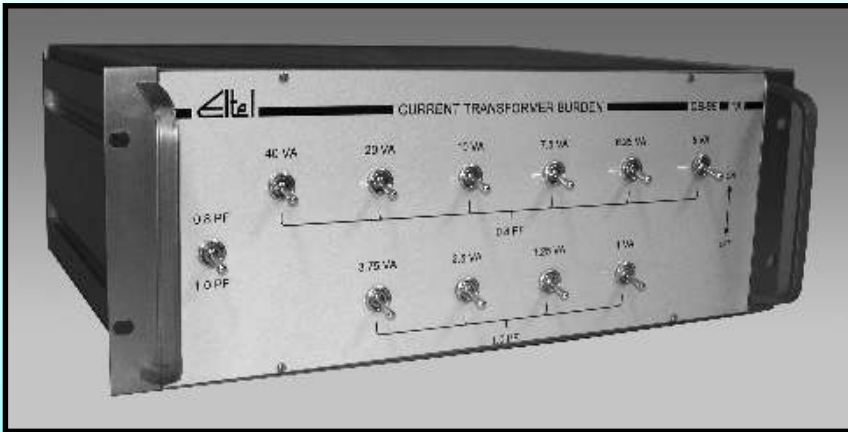
(SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)

Current Transformer Burden



The Current Transformer Burdens are designed for loading instrument current transformers during accuracy tests. Burdens are designed to conform with IEC-44-1 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.



MODEL CB - 96

General Specifications :

1. Rated Input Current : 5A or 1A
2. Ratings : 40VA, 20VA, 10VA, 7.5VA, 6.25VA, 5 VA and different combinations of these at 0.8 PF
3.75, 2.5, 1.25 & 1VA at 1.0 PF
3. Maximum Burden at 0.8 PF : 88.55 VA in steps of 5VA
4. Current Operating Range : 0 to 200% of rated current
5. Accuracy (5 to 200%) : $\pm 3\%$ and
 $\pm 3\%$ of PF@ 0.8 PF
 $\pm 1\%$ of PF at 1.0 PF
6. Approx Weight : 15 kgs
7. Dimensions : 483mm x 365mm x 178mm (LxBxH) - 4 U Chassis

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

OTHER PRODUCTS

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



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