Electronically Compensated Current Burden

BR-I100

- four - terminal voltage burden up to 200 VA
- according IEC - VDE -IEEE - ANSI standards
- Remote control via RS232 - interface
- Low weight

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Technical Specifications

Current Burden acc. to IEC/VDE/ANSI/IEEE, electronically compensated. **Type BR-I100**

Functions according to IEC 60044-1 / VDE 0414

Nominal Currents (I_N):)	1 A and 5 A
Nominal Powers	5 - 10 - 15 - 20 - 25 - 30 - 45 - 50 - 60 - 75 - 90 - 100 - 120 - 150 - 200 VA
Burden ratings	1/1 and ¼
Power factor	0.8 (Burden ≥ 5 VA) 1 (burden < 5 VA)
Frequency	50 Hz
Overload	max 2 x I_N
Uncertainty of Rated Power	± 3 %
Uncertainty of Phase Angle	± 3 crad

Functions according to ANSI/IEEE C57.13- 1993

Nominal Currents (I_N): 1 and 5 A

Nominal Powers

Power	Power Factor	Code
2.5 VA	0.9	B-0.1
5.0 VA	0.9	B-0.2
12.5 VA	0.9	B-0.5
22.5 VA	0.9	B-0.9
45.0 VA	0.9	B-1.8
25.0 VA	0.5	B-1
50 VA	0.5	B-2
100 VA	0.5	B-4
200 VA	0.5	B-8

Frequency	60 Hz
Overload	max 2 x I_N
Uncertainty of Rated Power	± 3 %
Uncertainty of Phase Angle	± 3 crad

Reference Conditions

Temperature	23° C ± 2° C
Humidity	45 ... 75 %
Air Pressure	101.3 kPa

Rated range of use

according to Standard IEC 359

Temperature	5° C ... 40° C
Humidity, not condensing	10 ... 90 %
Air Pressure	70 ... 106 kPa
Dimensions	B500 x T470 x H192
Weight:	~ 55 kg
Power mains	230V 50 Hz 300VA

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This specification is subject to change without notice