

Technical specifications

CT Analyzer



Accuracy

Ratio 1 ... 2000	error 0.02 % (typical) / 0.05 % (guaranteed)
Ratio 2000 ... 5000	error 0.03 % (typical) / 0.1 % (guaranteed)
Ratio 5000 ... 10000	error 0.05 % (typical) / 0.2 % (guaranteed)

Output

Output voltage	0 ... 120 V
Output current	0 ... 5 A _{eff} (15 A _{peak})
Output power	0 ... 400 VA _{eff} (1500 VA _{peak})

Phase displacement

Resolution	0.01 min
Accuracy	1 min (typical) / 3 min (guaranteed)

Mechanical data

Size (W × H × D)	360 × 285 × 145 mm / 9.2 × 7.2 × 3.7 in
Weight	8 kg / 17.4 lbs (without accessories)

Winding resistance

Resolution	1 mΩ
Accuracy	0.05 % (typical) / 0.1 % + 1 mΩ (guaranteed)

Environmental conditions

Operating temperature	-10 °C ... +50 °C / 14 °F ... 122 °F
Storage temperature	-25 °C ... +70 °C / -13 °F ... 158 °F
Humidity	Relative humidity 5 % ... 95 % not condensing

Power supply

Input voltage	100 V _{AC} ... 240 V _{AC}
Permissible input voltage	85 V _{AC} ... 264 V _{AC}
Frequency	50 / 60 Hz
Permissible frequency	45 Hz ... 65 Hz
Input power	500 VA
Connection	Standard AC Socket IEC 60320

Certificates from independent test institutes

KEMA Test Report
PTB Test Report
Wuhan HV Research Test Report

CT SB2

Input Current	0.2 A
Dimensions (W × H × D)	284 × 220 × 68 mm / 11.2 × 8.7 × 2.7 in
Weight	5.7 lbs / 2.6 kg



CPOL2

Measuring range	250 μV _{RMS} ... 300 V _{RMS}
Evaluated signal form	Polarity test signal with slope ratio ≥ 3:1
Nominal frequency	52.6 Hz
Input impedance	> 300 kΩ
Batteries	2 × 1.5 V Mignon LR6 AA AM4 MN1500
Dimensions (W × H × D)	180 × 55 × 35 mm / 7.1 × 2.2 × 1.4 in
Weight	150 g / 0.33 lb

