

Data sheet

ICM A7-4

Electrical Tester

FEATURE:

- 2000 count digital display
- Truly measure up to AC 200 Amps
- Aluminum 4/0 cable
- AC 200 Amps capability
- AC 600 Volts capability
- DC 600 Volts capability
- 2000 Ohms Resistance range
- Continuity beeper
- Display hold
- Auto power off
- Up to 16mm Dia. conductor size
- CAT.III 600V/CAT.II 1000V Safety standard

SPECIFICATION:(All at 23°C ±5°C, ≤80% R.H.)

DC/AC Voltage

Range	Input Impedance	Accuracy
600V DC	1MΩ	±(1%+2dgt)
600V AC	1MΩ// < 100pF	±(1.5%+3dgt) 40Hz~500Hz

Resolution: 1V

Overload Protection: 600V DC or AC rms

Conversion Type: Average sensing RMS indicating

AC Current

Range	Accuracy	Resolution
200A	±(3.0%+3dgt) 45Hz~66Hz	0.1A

Conversion Type: Average sensing RMS indicating

Resistance

Range	Accuracy
2000Ω	±(1% + 2dgt)

Resolution: 1Ω

Overload Protection: 600V rms


Diode & Continuity

Continuity Beeper : <25Ω, 2KHz tone buzzer

Open Circuit Voltage : 3V max

General

Sampling Rate:	2.5 times/sec
Overload Indication:	“OL” is displayed

Low Battery Indication:	
Auto Power Off:	Approx 13 minutes after last operation
Operating Temperature:	0°C~30°C (≤80% R.H.), 30°C~40°C (≤75% R.H.), 40°C~50°C (≤45% R.H.)
Storage Temperature:	-20°C~60°C
Temperature Coefficient:	0.2×(spec. Acc'y)/°C <18°C, >28°C
Safety:	IEC 61010-1: CAT.III 600V, CAT.II 1000V
Maximum Conduct Size:	16mm dia.
Power Requirement:	Single 9V battery (NEDA 1604 or IEC 6F22)
Battery Life:	250 hours(Alkaline)
Size:	84mm(W)×175mm(L)×31mm(H)
Weight:	280g
Accessories:	Battery (installed), Test Leads and User Manual