



ENGLISH

Datasheet
Stock No. 123-3234
RS PRO ICM A6N Clamp Meter



Feature:

- 10000 count digital display
- Auto Selection on ACV, DCV, Ω , ACA Continuity and diode
- Auto Backlit
- Data Hold
- Auto hold(Current mode only)
- AC 600 Amps capability
- AC 750 Volts capability
- DC 1000 Volts capability
- 10K Ohms Resistance range
- Fast continuity Beeper
- Battery capacity auto indication
- Auto Power Off
- Up to 32mm dia. (750MCM) conductor
- Deluxe carrying case
- CAT. III 600V/ CAT. II 1000V Safety Standard

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

DC/AC Voltage

Function	Range	Accuracy
Vac	1.3V ~ 750.0V	±(1.5%+ 3 digit) 50Hz ~ 500Hz
Vdc	2.1V ~ 1000V	±(1%+ 2 digit)
	-0.7V ~ 1000V	±(1%+ 4 digit)

Overload protection :

1000 VDC / 750 VAC

Max Operation time: DT = 30s for ≥30V

Input impedance : ≥4K for input voltage

up to 30V. Impedance increases with input

voltage to approximate 375KΩ at 750V.

AC Current

Function	Range	Accuracy
AC A	0.9A ~ 600.0A	±(1.9% + 5 digit)* 50Hz ~ 50Hz

Overload protection : 600.0A

0 ~ 500A : Continuous Operation.

* 501A ~ 600A: 10 minutes maximum

Followed by 10 minutes cooling period.

Resistance & Continuity & Diode

Function	Range	Accuracy
Ω	0.0Ω ~ 9999Ω	±(2% + 2 digit)
Diode	0.4V ~ 0.8V	±(1% + 3 digit)

Overload protection :

1000 VDC / 750 VAC


Max. open circuit voltage : 2.0V

Continuity check :

Internal sounder activates if the resistance of the circuit under test is less than 25Ω.

It will then turn off if the resistance is increased beyond 400Ω. Specified from 0°C ~ 40°C.

General

Sampling Rate:	5 times/sec
Overload Indication:	"OL" is displayed
Low Battery Indication:	
Auto Power Off:	Approx. 10 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	32mm dia.
Power Requirement:	Alkaline PP3 9V battery
Battery Life:	250 hours(Alkaline)
Size:	87mm(W)×202mm(L)×45mm(H)
Weight:	285g
Accessories:	Test Leads, Battery (installed), User Manual and Deluxe Carrying Case