



ENGLISH

Datasheet

**Stock No. 124-1957, 124-1993, 124-1994, 124-1995,
124-1996, 124-1997, 124-1998 & 124-1999**

RS PRO ICM A9 Clamp Meter 400A



Feature:

- 10000 count digital display
- Auto selection on ACV, DCV, ACA, Ω , Continuity and Diode
- Smart data hold
- Auto Hold (Current mode only)
- AC 400 Amps capability
- AC 750 Volts capability
- DC 1000 Volts capability
- 10K Ohms Resistance range
- Fast continuity beeper
- Battery capacity auto indication
- Auto power off (Enable and disable available)
- Up to 27mm Dia. (500MCM) Conductor
- CAT.IV 600V/CAT.III 1000V Safety standard

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

DC/AC Voltage

| Range | Input Impedance | Accuracy |
|---------------------------------|-----------------|----------------------------|
| 2.1V~999.9V, -0.7V~999.9V DC | 375KΩ~2MΩ | ±(1%+2dgt) |
| 1.3V~750V AC | 1MΩ | ±(1.5%+3dgt) 50Hz~500Hz |

Resolution: 0.1V

Overload protection: 600V DC or AC rms

Conversion Type: Average sensing RMS indicating

AC Current

| Range | Accuracy | Resolution |
|-----------|---------------------------|------------|
| 0.9A~600A | ±(1.8%+3dgt) 50Hz~60Hz | 0.1A |

Conversion Type: Average sensing RMS indicating

Resistance

| Range | Accuracy |
|--------|------------|
| 10000Ω | ±(2%+2dgt) |

Resolution: 1Ω

Overload Protection: 600V rms


Diode & Continuity

Continuity Beeper: <25Ω, 2KHz tone buzzer

Open Circuit Voltage: 3V max

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General

| | |
|---------------------------------|---|
| Sampling Rate: | 5 times/sec |
| Overload Indication: | "OL" is displayed |
| Low Battery Indication: |  |
| Auto Power Off: | Approx. 20 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 | 27mm dia. (500MCM) |
| Maximum Jaw Opening | 35mm |
| Power Requirement: | Single 9V battery (NEDA 1604 or IEC 6F22) |
| Battery Life: | 250 hours(Alkaline) |
| Size: | 66mm(W)×198mm(L)×46mm(H) |
| Weight: | 260g |
| Accessories: | Battery (installed), Test Leads and User Manual |