

## AC Current Probe Model MN251



**Cat. #2115.77**

**200A, 1mV/A, Lead**

Designed for digital multimeters and other measuring instruments with voltage inputs. Enables the measurement or recording of current with instruments without current ranges. Voltage output (1mV per amp measured) is proportional to the current measured (through the jaws). Includes integral 5' (1.5m) leads terminated by shrouded banana plugs.

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Maximum Conductor Size	0.78" (20mm), bus bar 20x5mm
Current Range	200Arms AC
Measurement Range	0.1 to 240A
Output	5ft (1.5m) lead with 4mm safety banana plug
Transformation Ratio	1000:1
Output Signal	1mV/AAC (200mV @ 200A)
Accuracy 50/60Hz	1% ± 0.5A @ 200A
Frequency Range	40Hz to 10KHz
Phase Shift at 50Hz	2.5° @ 200A
Open Secondary Voltage	N/A
Load Impedance	1MΩ
Overload	240A for 10 min ON, 30 min OFF
Dimensions (H x W x D)	5.47 x 2.00 x 1.18" (139 x 51 x 30 mm)
Weight With 24" (610mm) Sensor	6.3 oz (180g)
Operating Temperature	14° to +131°F (-10° to +55°C)
Storage Temperature	-40° to +158°F (-40° to +70°C)
Operating Humidity	90% RH
Pollution Degree	2
Ingress Protection (IP)	IP40
EMC	EN 61326-1

For more details, download the datasheet or user manual at [www.aemc.com](http://www.aemc.com)

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**Safety Compliance**

EN/IEC 61010-1 600V CAT III,  
EN/IEC 61010-032



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