

## AC Current Probe Model MN251T



**Cat. #2132.59**

**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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<b>Maximum Conductor Size</b>	0.78" (20mm), bus bar 20x5mm
<b>Current Range</b>	200Arms AC
<b>Measurement Range</b>	0.5 to 240A
<b>Output</b>	10ft (3m) lead with BNC output
<b>Transformation Ratio</b>	1000:1
<b>Output Signal</b>	1mV/AAC (200mV @ 200A)
<b>Accuracy 50/60Hz</b>	1% ± 0.5A @ 200A
<b>Frequency Range</b>	40Hz to 10KHz
<b>Phase Shift at 50Hz</b>	2.5° @ 200A
<b>Open Secondary Voltage</b>	N/A
<b>Load Impedance</b>	1MΩ
<b>Overload</b>	240A for 10 min ON, 30 min OFF
<b>Dimensions (H x W x D)</b>	5.47 x 2.00 x 1.18" (139 x 51 x 30 mm)
<b>Weight</b>	6.3 oz (180g)
<b>Operating Temperature</b>	14° to +131°F (-10° to +55°C)
<b>Storage Temperature</b>	-40° to +158°F (-40° to +70°C)
<b>Operating Humidity</b>	90% RH
<b>Pollution Degree</b>	2
<b>Ingress Protection (IP)</b>	IP40
<b>EMC</b>	EN 61326-1

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

15 Faraday Drive • Dover, NH 03820 USA • (800) 343-1391 • (603) 749-6434 • [www.aemc.com](http://www.aemc.com)

[customerservice@aemc.com](mailto:customerservice@aemc.com) • [techsupport@aemc.com](mailto:techsupport@aemc.com)

## Safety Compliance

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

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