



## AC/DC Current Probe Model MR521

Cat. #1200.69

150A, 10mV/A & 1500A, 1mV/A, Lead

General purpose 1500A<sub>AC</sub>/DC current probe designed for digital multimeters, loggers, recorders, oscilloscopes, and other instruments with voltage inputs. Dual ranges of 100A<sub>AC</sub>/150A<sub>DC</sub> and 1000A<sub>AC</sub>/1500A<sub>DC</sub>. Ideal for measuring current in both cable and bus bar type conductors. Includes integral 5' (1.5m) lead terminated by shrouded banana plugs. Conforms to EN 61010, 600V CAT III.

DISCONTINUED

Maximum Conductor Size	1.6" (42mm) or 2 bus bar 1.96 x 0.19" (50 x 5mm)
Current Range	0.2 to 100A <sub>AC</sub> , 150A <sub>DC</sub> & 0.5 to 1000A <sub>AC</sub> , 1500A <sub>DC</sub>
Measurement Range	0.2 to 100A <sub>AC</sub> , 150A <sub>DC</sub> & 0.5 to 1000A <sub>AC</sub> , 1500A <sub>DC</sub>
Output	5 ft (1.5m) lead with 4mm safety banana plug
Transformation Ratio	N/A
Output Signal	10 mV/A (1V @ 100A) & 1mV/A (1V @ 1000A)
Accuracy 50/60Hz	1.5% R ± 0.5A @ 100A & 2.5% R ± 0.5A @ 800A
Frequency Range	40Hz to 10KHz
Phase Shift At 50Hz	3° @ 100A & 2.5° @ 800A
Open Secondary Voltage	N/A
Load Impedance	1MΩ
Battery and Battery Life	9V (6LR61), 100H typical
Overload	1000A continuous up to 1kHz
Dimensions (H x W x D)	9.31 x 3.82 x 1.73" (236 x 97 x 44mm)
Weight	15 oz (480g)
Operating Temperature	14° to +131°F (-10° to +55°C)
Storage Temperature	-40° to +176°F (-40° to +80°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)

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