



AC/DC Current Probe Model MR411 (Discontinued - Replaced by Model MR416 Cat. #1200.82)

Cat. #1200.68

60A, 10mV/A & 600A, 1mV/A, Lead

General purpose 400A_{AC} or 600A_{DC} current probe designed for digital multimeters, loggers, recorders, oscilloscopes, and other instruments with voltage inputs. Features low phase shift for power measurements. Dual ranges of 40 and 400A_{AC} or 60 and 600A_{DC}. Includes integral 5' (1.5m) lead terminated by shrouded banana plugs. Conforms to EN 61010, 600V CAT III.

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Maximum Conductor Size	1.18" (30mm) or 2 bus bar 1.24 x 0.39" (31.5 x 10mm)
Current Range	0.2 to 40AAC, 60ADC & 0.5 to 400AAC, 600ADC
Measurement Range	0.2 to 40AAC, 60ADC & 0.5 to 400AAC, 600ADC
Output	5ft (1.5m) lead with 4mm safety banana plug
Transformation Ratio	N/A
Output Signal	10mV/A (400mV @ 40A) & 1mV/A (400mV @ 400A)
Accuracy 50/60Hz	1.5% R ± 0.5A @ 40A & 2% R @ 400A
Frequency Range	40Hz to 10kHz
Phase Shift At 50Hz	3° @ 40A & 2.5° @ 400A
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)	8.8 x 3.82 x 1.73" (224 x 97 x 44mm)
Weight	15 oz (440g)
Operating Temperature	14° to +131°F (-10° to +55°C), RH 95%
Storage Temperature	-40° to +176°F (-40° to +80°C)
Operating Humidity	90% RH
Pollution degree	2
Ingress Protection (IP)	IP 40

For more details, download the datasheet or user manual at www.aemc.com

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EMC	EN 61326-1	
Safety Compliance	EN/IEC 61010-1 600 V Category CAT III, EN/IEC 61010-032	CE

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