



AC/DC Current Probe Model MR461

Cat. #1200.72

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

Designed for oscilloscopes, waveform displaying instruments, and other frequency sensitive displaying instruments with BNC inputs. Measures 400A_{AC}, 600A_{DC}. Features low phase shift for power measurements. Includes a 6.5' (1.98m) lead terminated by a BNC connector. Conforms to EN 61010, 600V CAT III.

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	6.5ft (2m) coaxial lead with insulated BNC 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)
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
Safety Compliance	EN/IEC 61010-1 600V CAT III, EN/IEC 61010-032



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