



AC Current Probe Model JM861

Cat. #2110.90

30A, 10mV/A; 300A, 1mV/A & 3000A, 0.1mV/A, BNC

Designed for oscilloscopes, waveform displaying instruments, and other instruments. Includes a special circuit and three ranges to maximize frequency response. Features proportional mV output for direct readings on oscilloscopes. Large jaw window for use on cables and bus bars.

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Maximum Conductor Size	Cable: 2.52" (64mm) Bus bar: 1.97 x 5.31" (50 x 135mm), 2.52 x 3.94" (64 x 100mm)
Current Range	30AAC; 300AAC; 2400AAC (3000AAC if ambient temperature <95°F / 35°C)
Measurement Range	1 to 30AAC; 1 to 300AAC; 1 to 2400AAC (3000AAC if ambient temperature <95°F / 35°C)
Output Signal	10mVAC / AAC (0.3V @ 30A); 1mVAC / AAC (0.3V @ 300A); 0.1mVAC / AAC (0.3V @ 3000A)
Output	Insulated 6.5 ft (2m) coaxial cable with insulated BNC connector rated 600Vrms
Accuracy 50/60Hz	2% ±1mV @ 30A; 2% ±0.5mV @ 300A; 2% ±0.2mV @ 3000A
Frequency Range	10Hz to 50kHz
Phase Shift	5° @ 30A; 1° @ 300A; 1° @ 3000A
Load Impedance	1MΩ, 47pF
Operating Temperature	+14° to +122°F (-10° to +50°C)
Storage Temperature	-40° to +176°F (-40° to +80°C)
Dimensions (HxWxD)	4.72 x 12.40 x 1.89" (120 x 315 x 48mm)
Weight	2.65 lbs (1200g)
Pollution Degree	2
Rating	UL 94 V0 (handles), ABS UL 94 V2 (jaws)
Ingress Protection	IP 20
Safety Compliance	IEC 1010-2-32, 600V CAT III



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

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