



## AC Current Probe Model MN307

**Cat. #2116.23**

**12A, 100mV/A AC, Lead**

Designed for low AC current measurements up to 10A, such as secondary of CTs or small motors and appliances. Features higher voltage output of 100mV per Amp ( $1V_{AC} @ 10A_{AC}$ ) for enhanced sensitivity at lower levels, while offering a high crest factor at full range. Features integral 5' (1.5m) leads terminated by shrouded banana plugs.

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Maximum Conductor Size	0.78" (20mm), bus bar 20x5mm
Current Range	10Arms AC
Measurement Range	0.1 to 12A
Output	5 ft (1.5m) lead with 4mm safety banana plug
Transformation Ratio	N/A
Output Signal	100mV/AAC (1V @ 10A)
Accuracy 50/60Hz	1% @ 10A
Frequency Range	40Hz to 10KHz
Phase Shift At 50Hz	2.5° @ 10A
Open Secondary Voltage	N/A
Load Impedance	1MΩ
Overload	20A continuous
Dimensions (H x W x D)	5.47 x 2.00 x 1.18" (139 x 51 x 30mm)
Weight	6.3 oz (180g)
Operating Temperature	14° to +131°F (-10 to +55°C)
Storage Temperature	-40° to +158°F (-40° to +70°C)
Operating Humidity	90% RH
Ingress Protection (Ip)	IP40
Pollution Degree	2
EMC	EN 61326-1

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

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**Safety Compliance**

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



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