



AC Current Probe Model SR661

Cat. #2113.49

10A, 100mV/A; 100A, 10mV/A & 1000A, 1mV/A, BNC

Range selectable probe (10, 100 or 1000A_{AC}). Includes an integral 6.5' (1.98m) lead terminated by BNC connector. High accuracy and wide frequency response ideal for oscilloscopes.

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Maximum Conductor Size	2.05 in (52 mm)
Current Range	10 A, 100 A, 1000 Arms AC
Measurement Range	(0.1 to 12) A, (0.1 to 120) A, (1 to 1200) A
Output	6 ft (2m) lead with insulated BNC connector
Transformation Ratio	10:1, 100:1, 1000:1
Output Signal	100 mV/AAC (1 V @ 10 A), 10 mV/AAC (1 V @ 100 A), 1 mV/AAC (1V @ 1000A)
Accuracy 50/60Hz	3 % ± 10 mV @ 10 A, 2 % ± 5 mV @ 100 A, 1 % ± 1 mV @ 1000 A
Frequency Range	1 Hz to 100 kHz
Phase Shift at 50Hz	1 ° @ 1000 A
Open Secondary Voltage	N/A
Load Impedance	1 MΩ & 100 pF
Overload	1 mV/A, (1 V at 1000 A) Range A: 15 minutes ON, 30 minutes OFF
Dimensions (H x W x D)	(4.37 x 8.50 x 1.77) in (111 x 216 x 45) mm
Weight	1.21 lbs (550g)
Operating Temperature	(14° to 122) °F (-10° to +50) °C
Storage Temperature	(-4° to +158) °F (-20° to +70) °C
Operating Humidity	90 % RH
Pollution Degree	2
Ingress Protection (Ip)	IP40
EMC	This device is in conformity with standard IEC 61326-1.

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

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Safety Compliance

IEC 61010-2-032 300 V CAT IV or 600 V CAT III



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