



AC Current Probe Model SR651

Cat. #2113.45

1000A, 1mV/A, Jack

General purpose 1000A_{AC} current probe designed for digital multimeters, loggers, and other instruments with voltage inputs. Includes jack output terminations that accept 4mm banana plugs. Designed for power applications where high accuracy and low phase shift are important.

Cat.#2113.45

Maximum Conductor Size	2.05" (52mm)
Current Range	1000Arms AC
Measurement Range	0.1 to 1200A
Output	Two standard safety banana jacks (4mm)
Transformation Ratio	1000:1
Output Signal	1mVAC/A AC (1V @ 1000A)
Accuracy 50/60Hz	0.5% @ 1000A
Frequency Range	30Hz to 5kHz
Phase Shift at 50Hz	0.5° @ 1000A
Open Secondary Voltage	N/A
Load Impedance	1MΩ, 100kΩ min. with derating
Overload	1200A for 40 mn ON then 20 mn OFF
Dimensions (H x W x D)	4.37 x 8.50 x 1.77" (111 x 216 x 45 mm)
Weight	1.21 lb (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	EN 61326-1

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

15 Faraday Drive • Dover, NH 03820 USA • (800) 343-1391 • (603) 749-6434 • www.aemc.com

customerservice@aemc.com • techsupport@aemc.com

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

15 Faraday Drive • Dover, NH 03820 USA • (800) 343-1391 • (603) 749-6434 • www.aemc.com
customerservice@aemc.com • techsupport@aemc.com

