



AC Current Probe Model SR634

Cat. #2113.48

250A, 20mA/A; 500A, 10mA/A & 1000A, 5mA/A, Jack

General purpose 1000AAC current probe for instruments that require a 5A current input. Works as a traditional current transformer (ratios of 250:5, 500:5 or 1000:5) and has an output of 5mA per amp measured in the jaw. Includes jack output termination that accepts 4mm banana plugs. Designed for power applications where high accuracy and low phase shift is important.

Maximum Conductor Size	2.05" (52mm)
Current Range	250AAC, 500AAC, 1000AAC
Measurement Range	1 to 300A, 1 to 600A, 1 to 1200A
Output	Two standard safety banana jacks (4mm)
Transformation Ratio	250:5, 500:5, 1000:5
Output Signal	20mAAC/AAC, AAC (5A @ 250A); 10mAAC/AAC, AAC (5A @ 500A); 5mAAC/AAC (5A @ 1000A)
Accuracy 50/60Hz	2% @ 250A, 1% @ 500A, 1% @ 1000A
Frequency Range	30Hz to 5kHz
Phase Shift at 50Hz	10° @ 250A, 2.5° @ 500A, 1° @ 1000A
Open Secondary Voltage	Limited to <25V
Load Impedance	250A: 0.2Ω, 500 and 100A:c0.4Ω with lead <40mΩ
Overload	1200A for 30 mn ON then 15 mn OFF @ 1000A range
Dimensions (H x W x D)	4.37 x 8.50 x 1.77" (111 x 216 x 45mm)
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	EN 61326-1

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

Safety Compliance

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



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