

AC Current Probe Model JM850A



Cat. #2110.87

1000A, 1mA/A; 2000A, 0.5mA/A & 3000A, 0.333mA/A, Jack

Features excellent transformation and low phase shift. Provides accurate measurements up to 1000AAC/2000AAC/3400AAC. The "squared" jaw permits multiple conductor or bus bar positionings. Provides excellent TRMS capabilities and reliable signal reproduction.

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	1000AAC; 2000AAC; 2400AAC (3000AAC if ambient temperature <95°F / 35°C)
Measurement Range	1 to 1000AAC; 1 to 2000AAC; 1 to 2400AAC (3000AAC if ambient temperature <95°F / 35°C)
Output Signal	1mAAC / AAC (1A @ 1000A); 0.5mAAC / AAC (1A @ 2000A); 0.333mAAC / AAC (1A @ 3000A)
Transformation Ratio	1000:1; 2000:1; 3000:1
Output	4mm safety banana jack
Accuracy 50/60Hz	1% @ 1000A; 0.5% @ 2000A; 0.5% @ 3000A
Frequency Range	30Hz to 1kHz
Phase Shift	1° @ 1000A; 0.5° @ 2000A; 0.5° @ 3000A
Load Impedance	2.5Ω @ 1000A; 5Ω @ 2000A; 10Ω @ 3000A
Overload	1400A for 10min @ 1000A; 2400A for 10min @2000A; 3400A for 10 min @ 3000A
Operating Temperature	+14° to +122°F (-10° to +50°C)
Storage Temperature	-13° to +176°F (-25° 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

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

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