



AC Current Probe Model JM830A

Cat. #2110.83

3000A, 0.333mA/A, Lead

Features excellent transformation and low phase shift. Provides accurate measurements up to 3600A_{AC}. The "squared" jaw permits multiple conductor or bus bar positionings. Provides excellent TRMS capabilities and reliable signal reproduction.

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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	2400AAC (3000AAC if ambient temperature <95°F / 35°C°)
Measurement Range	1 to 2400AAC (3000AAC if ambient temperature <95°F / 35°C°)
Output Signal	0.333mAAC / AAC (1A @ 3000A)
Transformation Ratio	3000:1
Output	5 ft (1.5m) lead with 4mm safety banana plug
Accuracy 50/60Hz	0.5% @ 3000A
Frequency Range	30Hz to 5kHz
Phase Shift	<0.5° (at maximum rating)
Load Impedance	≤5Ω
Overload	3600A for 5 min
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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