

AC Current Probe Model JM875 (Refurbished)



Cat. #901.2110.89

30A, 100mV/A; 300A, 10mV/A & 2800A, 1mV/A, Jack

Features excellent transformation, low phase shift, and broad frequency response. Provides accurate measurements up to 30A_{AC}/300A_{AC}/3000A_{AC}. The "squared" jaw permits multiple conductor or bus bar positionings. Provides excellent TRMS capabilities, reliable signal reproduction, and accurate voltage output proportional to the measured current (1mV/A, 10mV/A or 100mV/A). The voltage output enables instruments without current ranges to display or log currents on an AC voltage range.

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	30AAC; 300AAC; 2000AAC (2800AAC if ambient temperature <95°F / 35°C°)
Measurement Range	100mA to 30AAC; 1 to 300AAC; 1 to 2000AAC (2800A AC if ambient temperature <95°F / 35°C°)
Output Signal	100mVAC / AAC (3V @ 30A); 10mVAC / AAC (3V @ 300A); 1mVAC / AAC (3V @ 3000A)
Output	5 ft (1.5m) lead with 4mm safety banana plug
Accuracy 50/60Hz	2% ±10mV @ 30A; 2% ±2mV @ 300A; 2% ±0.5mV @ 3000A
Frequency Range	30Hz to 1.5kHz
Phase Shift	5° @ 30A; 1° @ 300A; 0.5° @ 3000A
Load impedance	>100kΩ
Overload	3200A for 5 min
Operating Temperature	+14° to +122°F (-10° to +50°C)
Storage Temperature	-40° to +185°F (-40° to +85°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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