

AC Current Probe Model JM875



Cat. #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.

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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 | 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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