

AC Current Probe Model MD301



Cat. #1201.07

500A, 1mV_{DC}/AAC, Lead

Rugged general purpose 500A current probe with mV_{DC} output for recorders, loggers, and other instruments with mV_{DC} inputs. Unique hook-shaped jaws enable the user to "pry" into or "hook" onto cables. Maximum conductor size is 2 x 500kcmil. Works as a traditional current transformer with ratio of 1000:1. Includes 5' (1.5m) lead with safety banana plugs.

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Maximum Conductor Size	Cable 1.18" (30mm), bus bar 2.48x0.19" (63 x 5mm), dual cable 0.98" (25mm)
Current Range	500AAC
Measurement Range	2 to 500AAC
Output Signal	1mVDC / AAC (0.5VDC @ 500AAC)
Transformation Ratio	1000:1
Output	Double insulated 5ft (1.5m) lead with safety 4mm banana plug
Accuracy 50/60Hz	1% @ 500A
Frequency Range	48Hz to 1KHz
Phase Shift	N/A
Load Impedance	≥100kΩ
Overload	700A for 10 min
Operating Temperature	-5° to +122°F (-15° to +50°C)
Storage Temperature	-40° to +185°F (-40° to +85°C)
Dimensions	2.6 x 7.68 x 1.34" (66 x 195 x 34mm)
Weight	14.82 oz (420g)
Pollution Degree	2
Rating	UL 94 V0
Ingress Protection	IP 20
EMC	EN 50081-1 Class B, EN 50082-2, IEC 1000-4-2

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

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