

DIGITAL AC/DC CLAMP METER MS2108/MS2108A

EMC
LVD



Features:

- ▶ Jaw Size: $\Phi 26\text{mm}/1.0''$
- ▶ Tests AC/DC Voltage and Current, Resistance, Capacitance, Frequency and Duty Cycle
- ▶ INRUSH Function and True RMS (MS2108)
- ▶ Work Light and Display Back Light
- ▶ Diode Check and Continuity Test
- ▶ MAX/MIN and Data Hold

MS2108

JAW SIZE

$\Phi 26\text{mm}/1.0''$

VOLTAGE AC 600V
DC 600V

CURRENT AC 600A
DC 600A

INRUSH

Ω Hz%

AUTO TRMS

MAX MIN



MS2108A

JAW SIZE

$\Phi 26\text{mm}/1.0''$

VOLTAGE AC 600V
DC 600V

CURRENT AC 400A
DC 400A

Ω

Hz% AUTO

Apo



Specifications

Specifications	Range	MS2108 MS2108A	
		Accuracy	
DC Voltage	660mV/6.6V	$\pm(0.8\%+3)$	
	66V/600V	$\pm(1.0\%+5)$	
	400mV/4V		$\pm(0.8\%+3)$
	40V/400V/600V		$\pm(1.0\%+5)$
AC Voltage	660mV	$\pm(1.5\%+10)$	
	6.6V/66V	$\pm(1.2\%+5)$	
	600V	$\pm(1.5\%+10)$	
	4V/40V/400V		$\pm(0.8\%+3)$
DC Current	66A/600A	$\pm(3.0\%+10)$	
	40A/400A		$\pm(2.0\%+6)$
AC Current	66A/600A	$\pm(3.0\%+10)$	
	40A/400A		$\pm(2.0\%+6)$
Inrush Current (100ms)	66A/600A	$\pm(10\%+60)$	
Resistance	660 Ω /6.6k Ω /66k Ω /660k Ω /6.6M Ω	$\pm(1.2\%+2)$	
	66M Ω	$\pm(2.0\%+5)$	
	400 Ω /4k Ω /40k Ω /400k Ω 4M Ω /40M Ω		$\pm(0.8\%+3)$ $\pm(1.2\%+3)$
Capacitance	6.6 μ F/66 μ F/660 μ F/6.6mF/66mF	$\pm(4.0\%+3)$	
	400nF/4 μ F/40 μ F/400 μ F/4000 μ F		$\pm(4.0\%+5)$
Frequency (From Clamp)	0~1KHz	$\pm(1.5\%+5)$	
Frequency (From Plug)	0~10KHz	$\pm(1.5\%+5)$	
	0~10MHz		$\pm(1.5\%+5)$
Duty Cycle	10%~90%	$\pm 3.0\%$	$\pm 3.0\%$

Features

Display	counts	6600	4000
Jaw Opening		$\Phi 26\text{mm}/1.0''$	$\Phi 26\text{mm}/1.0''$
Auto Ranging	Auto & manual	●	●
Auto Power Off		●	●
Inrush	Inrush current measurement: 100ms current integral	●	●
True RMS	True Root Mean Square Measurement	●	●
Diode	2.7V	●	●
Continuity Buzzer	<50 Ω	●	●
MAX/MIN		●	●
Data Hold		●	●
Low Battery Display		●	●
Display Backlight		●	●
Work Light		●	●

General

Power Supply	3x1.5V AA Batteries
Product Size	208mmx78mmx35mm/8.2"x3.1"x1.4"
Product Weight	245g/0.54lb
Safety Rating	CE ETL CAT.III 600V RoHS