

S-008A AC Clamp



- Portable
- Compact and slim
- Detects AC, leakage current, high harmonic current, phase, electric energy, power, power factor, etc.
- Compatible with various electrical instruments

DESCRIPTION

S-008A AC Clamp is designed for measuring AC, leakage current, high harmonic current, phase, electric energy, power, power factor, etc. The new compact and slim design make it easy to reach into small and clustered environments, and it does not need to disconnect or break the monitoring circuit. It provides a safe and accurate solution for electrical inspections.


APPLICATION

This current clamp is designed for electrical metering applications specifically designed to be clamp around primary current-carrying conductors without disconnecting wires or breaking the monitoring circuit. Current transformers are the best solution for applications in energy measurement and management.

SPECIFICATIONS

Functions	AC, leakage current, high-order harmonic current, phase, electric energy, power, power factor, etc.
Design	No connecting screw on the front makes the closing of the clamp jaw much more smooth
Detecting Method	Clamp CT
Jaw Size	φ7.5mm×13mm
Measurement Range	AC 0.00 ~ 30A
Resolution	AC 0.01mA
Accuracy	0.3%FS (50Hz/60Hz; 23 °C ±2 °C)
Turn Ratio	2000:1
Phase Error	≤1°(50Hz/60Hz; 23 °C ±2 °C)
Reference Load	RL: 0 ~ 300mA≤200Ω; 0 ~ 3A≤20Ω; 0 ~ 30A≤2Ω
Output	Detects electric current in a wire and generates a signal proportional to that current
Dimensions	138mm×40mm×19mm
Output Port	φ3.5mm audio plug
Output Wire Length	2m
Wire Positioning	The measured wire should be positioned in the center of the core
Line Voltage	Below AC 600V
Current Frequency	45Hz ~ 60Hz (the frequency of measured current)
Frequency Characteristic	10Hz ~ 100kHz
Weight	168g
Ideal Working Conditions	-20 °C ~ 50 °C ; below 80%RH

Ideal Storage Conditions	-10 C ~ 60 C ; below 70%RH
Insulation Strength	AC3700V/RMS (between bottom screw to the far point of shell)
Safety Standards	IEC1010-1, IEC1010-2-032, Pollution class II, CAT III (600V)

ACCESSORIES & ORDER DATA			
Description	Order Code	Description	Order Code
S-008AAC Clamp, 1 pc	S-008A	Included accessories for S-008A	
		Package box, 1 pc	
		User manual, Warranty card, Certificate of Conformity, 1 copy of each	

SALES OFFICE

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