

FR125 clamp current sensor



I, Features

FR 125 clamp current sensor is a kind of high precision AC current converter, using the latest CT technology, circular large diameter structure design, use can be fast and easy to take and release, small volume is easier to carry, more convenient to use. It is suitable for detecting AC current, high harmonic current, phase, electric energy, power, power factor, etc.

FR 125 it can cooperate with a variety of measuring instruments, such as: electricity meter field calibration, harmonic analyzer, recorder, multi-function electricity meter, oscilloscope, digital multimeter, cable identification instrument, cable fault detector, double clamp ground resistance tester, double clamp phase voltmeter, etc., can be in the state of constant electricity, measure and compare a variety of electrical parameters. It is widely used in substation power plant industrial and mining enterprises and testing station electrical maintenance departments for current detection and field electrical operations.

II, Technical specifications

Feature	Portable CT clamp clamp structure, safe and convenient to use
Clip size	Φ125mm
Range	AC 0.0A~600A
Rate of resolution	AC 0.1A
Accuracy	±1%FS (50Hz/60Hz; 23°C±2°C)
Phase error	≤3° (50Hz/60Hz; 23°C±2°C)
Turn ratio	160:1 (It can be customized as needed)
Weight	1000g

Boundary dimension	Length 306mm×192mm×50mm
Output interface	Aviation plug
Output wire length	3m
Output method	Current induction output
Shell Material	ABS resin, flame retardant grade 94V0
Voltage between lines	Test at 600 Vac (insulated wire) 30 Vac (exposed wire)
Working temperature	-25° C to +55° C
Insulation resistance	100 MΩ @ 500Vdc
Dielectric strength	AC3700V/rms (Between the core and the enclosure)
Current frequency	45Hz~65Hz (Measured current frequency)
Frequency range	10Hz~100kHz



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