





Product Function

Detecting of AC leakage current/current, higher harmonic current, phase, electric energy, power, power factor etc.

Product Features

1. Unique automatic plug and pull clamp structure, no need to interrupt the power supply and disconnect the circuit in testing, easy to carry and especially suitable for on-site online testing. Non-contact measurement, easy to operate, fast, safe and reliable.
2. Adopts Permalloy core and CT double-layer shielding technology, with high performance and high accuracy, high anti-interference ability, suitable for complex interference environment.
3. Battery jar could put in 4pcs 1.5V AAA alkaline dry cell and supply power for secondary development.
4. Insulating rod interface: M24 screw thread.
5. Insulating strength: AC3700V/ms (between the core and coil)
6. Safety class: CATIII600V (operate with insulation rod below 60kV)
7. Working temperature: -15°C~50°C

Technical Specification

	ETCR033H	ETCR040HA	ETCR048HA	ETCR068HA
Model				
Range	0.000mA~20A AC	0 mA~800A AC	0mA~800A AC	0mA~1200A AC
Resolution	0.001mA	1mA	1mA	1mA
Accuracy Class	±1.0%	±1.0%	±1.0%	±1.0%
Phase Error	≤2°	≤2°	≤2°	≤2°
Turn Ratio	800:1	4000:1	4000:1	4000:1
Reference Load	0 ~ 200mA ≤ 300Ω 0 ~ 2A ≤ 30Ω 0 ~ 20A ≤ 3Ω	0 ~ 8A ≤ 300Ω 0 ~ 80 A ≤ 30Ω 0 ~ 800A ≤ 3Ω	0 ~ 8A ≤ 300Ω 0 ~ 80A ≤ 30Ω 0 ~ 800A ≤ 3Ω	0 ~ 12A ≤ 300Ω 0 ~ 120A ≤ 30Ω 0 ~ 1200A ≤ 3Ω
Frequency	10Hz~100kHz	10Hz~100kHz	10Hz~100kHz	10Hz~100kHz
Clamp Size	φ 33mm	φ 36mm	φ 48mm	φ 68mm
Dimension	245mmX72mmX39mm	297mmX119 mmX58mm	255mmX84mmX39mm	215mmX135mmX60mm
Weight	266g	336g	261g	492g