

Product Function

On-line detecting of AC/DC current.

Product Features

1. Clamp structure, no need disconnect the line being tested, 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 Hall induction technology, with high performance and high accuracy, high anti-interference ability.
3. Output current or voltage signal, the range, transformation ratio, output interface of the sensor could OEM.
4. Output interface: 1.5m shield wires, the terminal interface: ϕ 3.5mm Audio plug/BNC plug/4.0mm double banana plug (optional).
5. Insulating strength: AC3700V/ms (between the core and coil)
6. Safety class: CATIII600V
7. Working temperature: $-15^{\circ}\text{C}\sim 50^{\circ}\text{C}$.

Technical Specification

Model	ETCR007AD	ETCR017AD	ETCR035AD	ETCR068AD
				
Range	0mA~50A AC/DC	0mA~50A AC/DC	0.0A~1000A AC/DC	0.0A~1500A AC/DC
Resolution	1mA	1mA	0.1A	0.1A
Accuracy Class	$\pm 3.0\%$	$\pm 3.0\%$	$\pm 2.0\%$	$\pm 3.0\%$
Output Signal	10mV/1A or 100mV/1A (manual)	10mV/1A or 100mV/1A	1mV/1A	1mV/1A
Phase Error	$\leq 3^{\circ}$	$\leq 3^{\circ}$	$\leq 3^{\circ}$	$\leq 3^{\circ}$
Reset Mode	ZERO reset rotary knob	ZERO reset rotary knob	ZERO reset rotary knob	ZERO reset rotary knob
Clamp Size	$\phi 7\text{mm}$	16mm X18mm	30mmX35mm	$\phi 68\text{mm}$
Dimension	168mmX65mmX34mm	215mmX65mmX34mm	122mmX70mmX33mm	224mmX115mmX43mm
Weight	170g	202g	180g	515g
Power Supply	9V DC 6F22	9V DC 6F22	9V DC 6F22	9V DC 6F22