





### Product Function

Detection of AC leakage current, higher harmonic current, phase, power factor etc. Lightning arrester and insulator on-line detecting

### Product Features

1. High anti-interference ability, CT double-layer shielding technology, with high performance and high accuracy, suitable for complex interference environment, Can accurately measure the weak current of 1 microampere.
2. Split type structure design, 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.
3. The range, transformation ratio, output interface of the sensor can be customized according to customer requirements.
4. Insulating strength: AC3700V/ms ( between the core and coil)
5. Safety class: CATIII600V
6. Working temperature: -15°C~60°C

### Technical Specification

Model	ETCR022KU	ETCR045KU	ETCR080KU	ETCR090KU
				
Range	0.000mA~10A AC	0.000mA~10A AC	0.000mA~10A AC	0.000mA~10A AC
Resolution	1uA AC	1uA AC	1uA AC	1uA AC
Accuracy Class	0.5	0.5	0.5	0.5
Phase Error	≤1°	≤1°	≤1°	≤1°
Turn Ratio	1000:1	1000:1	1000:1	1000:1
Secondary Load	0~100mA ≤ 300Ω 0~1A ≤ 30Ω 0~10A ≤ 3Ω	0~100mA ≤ 300Ω 0~1A ≤ 30Ω 0~10A ≤ 3Ω	0~100mA ≤ 300Ω 0~1A ≤ 30Ω 0~10A ≤ 3Ω	0~100mA ≤ 300Ω 0~1A ≤ 30Ω 0~10A ≤ 3Ω
Frequency	10Hz~100KHz	10Hz~100KHz	10Hz~100KHz	10Hz~100KHz
Split Size	φ22mm	φ45mm	80mmX20mm	φ90mm
Dimension	96mmX94mmX34mm	118mmX116mmX34mm	165mmX88mmX34mm	179mmX171mmX31mm
Weight	480g	830g	820g	1350g
Output Interface	2-core shielded wire 2M		3P plug type connection terminal	