

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.

Output interface: connection terminal (S1: coil signal +, S2: coil signal -, GND: coil shielding layer) or BNC plug, or 4.0mm double banana plug/3.5mm audio plug/bare wire (optional), wire length 1.5m.




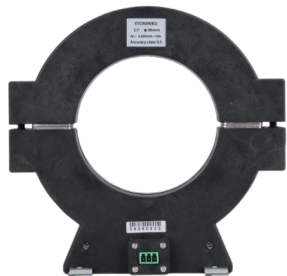
4.

5. Insulating strength: AC3700V/ms (between the core and coil)

6. Safety class: CATIII600V

7. Working temperature: -15°C~60°C

Technical Specification

Model	EM022KU	EM045KU	EM080KU	EM090KU
				
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	$\leq 1^\circ$	$\leq 1^\circ$	$\leq 1^\circ$	$\leq 1^\circ$
Turn Ratio	1000:1	1000:1	1000:1	1000:1
Secondary Load	0~100mA \leq 300 Ω 0~1A \leq 30 Ω 0~10A \leq 3 Ω	0~100mA \leq 300 Ω 0~1A \leq 30 Ω 0~10A \leq 3 Ω	0~100mA \leq 300 Ω 0~1A \leq 30 Ω 0~10A \leq 3 Ω	0~100mA \leq 300 Ω 0~1A \leq 30 Ω 0~10A \leq 3 Ω
Frequency	10Hz~100KHz	10Hz~100KHz	10Hz~100KHz	10Hz~100KHz
Split Size	$\phi 22$ mm	$\phi 45$ mm	80mmX20mm	$\phi 90$ mm
Dimension	96mmX94mmX34mm	118mmX116mmX34mm	165mmX88mmX34mm	179mmX171mmX31mm
Weight	480g	830g	820g	1350g
Output Interface	3P plug type connection terminal			