

**Product Function**

Measurement of high accuracy AC leakage current, current, higher harmonic current, frequency, phase, power and energy.

Product Features

1. 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.
2. It 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. Especially suitable for testing the leakage current of grounding flat steel.
4. Output current or voltage signal.
5. The range, transformation ratio, output interface of the sensor can be customized according to customer requirements.
6. Output interface: connection port (S1, S2 coil pigtail terminal, GND shielded terminal) or the lead output.
7. Insulating strength: AC3700V/ms (between the core and coil)
8. Safety class: CATIII600V
9. Working temperature: -15°C~50°C

Technical Specification

	EM082K Split Type Leakage Current Sensor	EM085K Split Type Leakage Current Sensor
Model		
Current Range	AC 0.00mA~60.0A	AC 0.00mA~60.0A
Resolution	0.01mA	0.01mA
Accuracy Class	0.5	0.5
Turn Ratio	1000:1	1000:1
Phase Error	$\leq 1^\circ$	$\leq 1^\circ$
Reference Load	0~600mA \leq 300 Ω ; 0~6A \leq 30 Ω ; 0~60A \leq 3 Ω	0~600mA \leq 300 Ω ; 0~6A \leq 30 Ω ; 0~60A \leq 3 Ω
Working Frequency	10Hz~100KHz	10Hz~100KHz
CT Size	80mmX26mm	85mmX20mm
Dimension	132mmX101mmX25mm	160mmX80mmX58mm
Weight	800g	810g
Output Mode	Current induced output	Current induced output
Output Interface	2-core shielded wire, wire length 2M	3P connection port