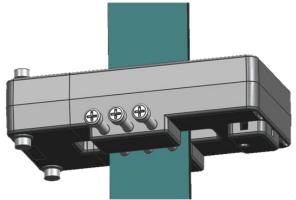
ETCR082K/085K Split Type Flat Port Leakage Current Sensor



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 terminal (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

	ETCR082K Split Type Leakage Current Sensor	ETCR085K Split Type Leakage Current Sensor
Model	CTC Transmission and State Sta	
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	≤1°	≤1°
Reference Load	0 ~ 600mA≤ 300Ω; 0~ 6A≤ 30Ω; 0~ 60A ≤ 3Ω	$0 \sim 600 \text{mA} \le 300 \Omega$; $0 \sim 6 \text{A} \le 30 \Omega$; $0 \sim 60 \text{A} \le 3 \Omega$
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	S1,S2 coil pigtail terminal, GND shield ground

