

RTCR022KU/RTCR045KU/RTCR080KU/RTCR090KU Microampere Level High-precision leakage current sensor



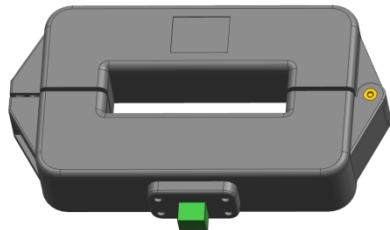
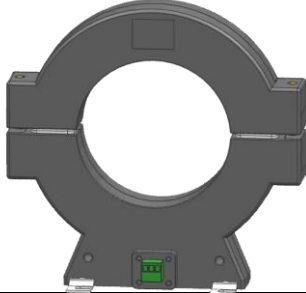
Product Function

Detection of AC leakage current, high harmonic current, phase, power factor and so on.

Product Features

1. Super strong anti-interference ability, CT double deck shielding technology, high stability and high accuracy, Without fear of complex interference environment, can accurately test the weak current of 1 micro ampere.
2. Split type design, install on line, no need to disconnect the measured circuits. Suitable for test of transformer flat steel ground leakage current.
3. Range, turn ratio and output interface can customize according to customer's requirement.

Technical Specification

Model	RTCR022KU	RTCR045KU	RTCR080KU	RTCR090KU
				
Range(AC)	0.000mA~10A	0.000mA~10A	0.000mA~10A	0.000mA~10A
Resolution(AC)	1uA	1uA	1uA	1uA
Accuracy	±1.0%FS	±1.0%FS	±1.0%FS	±1.0%FS
Phase Error	≤2°	≤2°	≤2°	≤2°
Turn Ratio	1:1000	1:1000	1:1000	1:1000
Reference Load	0~1000mA≤300Ω; 0~10A≤30Ω	0~1000mA≤300Ω; 0~10A≤30Ω	0~1000mA≤300Ω; 0~10A≤30Ω	0~1000mA≤300Ω; 0~10A≤30Ω
Split Size	φ22mm	φ45mm	80mm×21mm	φ90mm
Dimension	96mm×94mm×34mm	118mm×116mm×34mm	165mm×88mm×34mm	179mm×171mm×31mm
Weight	85g	165g	220g	310g
Output Method	Current sense output			
Output Interface	3P plugging terminal 3.5mm			
Line Voltage	Below AC 600V			
Working temperature & humidity	-20°C~50°C; below 80%rh			

Accessories	Sensor: 1 pieces; 3P terminal: 1 pieces
--------------------	---