

# 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.



上海融丞實業有限公司  
Rongtech Industry(Shanghai)Inc.,  
Http:www.rongtech-sensor.com

## Technical Specification

Model	RTCR022KU	RTCR045KU	RTCR080KU	RTCR090KU
<b>Range(AC)</b>	0.000mA~10A	0.000mA~10A	0.000mA~10A	0.000mA~10A
<b>Resolution(AC)</b>	1uA	1uA	1uA	1uA
<b>Accuracy</b>	±0.5%FS	±0.5%FS	±0.5%FS	±0.5%FS
<b>Phase Error</b>	≤2°	≤2°	≤2°	≤2°
<b>Turn Ratio</b>	1:1000	1:1000	1:1000	1:1000
<b>Reference Load</b>	0~1000mA≤15Ω; 0~10A≤15Ω	0~1000mA≤15Ω; 0~10A≤15Ω	0~1000mA≤15Ω; 0~10A≤15Ω	0~1000mA≤15Ω; 0~10A≤15Ω
<b>Split Size</b>	φ22mm	φ45mm	80mm×21mm	φ90mm
<b>Dimension</b>	96mm×94mm×34mm	118mm×116mm×34mm	165mm×88mm×34mm	179mm×171mm×31mm
<b>Weight</b>	480g	830g	820g	1350g
<b>Output Method</b>	Current sense output			
<b>Output Interface</b>	3P plugging terminal 3.5mm			
<b>Line Voltage</b>	Below AC 600V			
<b>Working temperature &amp; humidity</b>	-15℃~60℃; below 80%rh			
<b>Accessories</b>	Sensor: 1 pieces; 3P terminal: 1 pieces			