

RTCR010K/RTCR025K/RTCR040K/RTCR080K Split Type High Accuracy Leakage Current Sensor

Product Function

Measurement of AC current, current, high order harmonic current, phase, power energy, power, power factor.

Product Features

1. It is split type design, portable, install on line, no need to disconnect the measured circuits
Non-contact, safe and fast.
2. The clamp core is made of perm alloy, CT double layer shielding technology, stable
Performance, high accuracy, strong anti-interference ability, suitable for complex interference environmer...
3. Range, turn ratio and output interface can customize according to customer's requirement.



Technical Specification

	RTCR010K	RTCR025K	RTCR040K	RTCR080K
Model				
Range (AC)	0.00mA~60A	0.00mA~60A	0.00mA~60A	0.00mA~60A
Resolution (AC)	0.01mA	0.01mA	0.01mA	0.01mA
Accuracy	±1.0%FS	±1.0%FS	±1.0%FS	±1.0%FS
Phase Error	≤2°	≤2°	≤2°	≤2°
Turn Ratio	1:800	1:800	1:800	1:800
Reference Load	RL:0~600mA≤300Ω;0~6A≤30Ω; 0~60A≤3Ω	RL:0~600mA≤100Ω;0~6A≤10Ω; 0~60A≤1Ω	RL:0~100mA≤500Ω;0~1A≤50Ω; 0~10A≤5Ω;0~60A≤0.5Ω	RL: 0~300mA≤300Ω; 0~3A≤30Ω; 0~30A≤3Ω; 0~300A≤0.3Ω
Split Size	φ10mm	φ25mm	φ40mm	φ80mm
Dimension	53mm×42mm×28mm	78mm×82mm×31mm	95mm×98mm×31mm	135mm×153mm×40mm
Weight	65g	120g	160g	490g
Output Mode	Current induction output, can be external load resistance (RL) to take the voltage			
Output interface	Output by the lead wire or connection terminal(S1, S2 Coil tap end, GND Shield end)			
Accessories	Sensor: 1 pcs			