

# Single core for DC immune current transformer

## Magnetic core structure features :

It consists of single constant permeability material , Magnetic permeability  $\mu= 1400-2000$

## Core performance characteristics:

Strong ability resistance to DC

High linearity, High precision, applicable grade range 1.0 class, applicable current range 1.5-200A

Excellent high and low temperature characteristics

Small volume, It has good precision under inductive capacitive load

## Application areas:

DC immune current transformer for electric meter/energy meter/smart meter

DC Immune current transformer for power system measurement and control



## Common size specifications, applicable accuracy levels, and DC ranges :

No.	Core size	Outline size	Applicable current range
1	$\Phi 17 \times 22 \times 6.5$	$\Phi 15.7 \times 23.78 \times 8.42$	60A-80A
2	$\Phi 20 \times 25 \times 6.5$	$\Phi 18.3 \times 27.5 \times 9.4$	100A
3	$\Phi 21 \times 29.4 \times 5$	$\Phi 19 \times 31.4 \times 7.3$	120A

## Note:

1. The above performance parameters are related to the actual number of windings and wire diameter of the customer, and are only used as reference for customer selection.

2, Can be customized according to the user's specific size performance requirements.