YHDC ®
1992

Closed type zero sequence current transformer

Residual current transformer is used to extract leakage signal of monitored line, which is the key to ensure the accuracy and reliability of leakage detectionDevice, used with electrical fire monitoring detector.

Characteristic

- Good linearity
- High sensitivity
- Built-in shielding layer
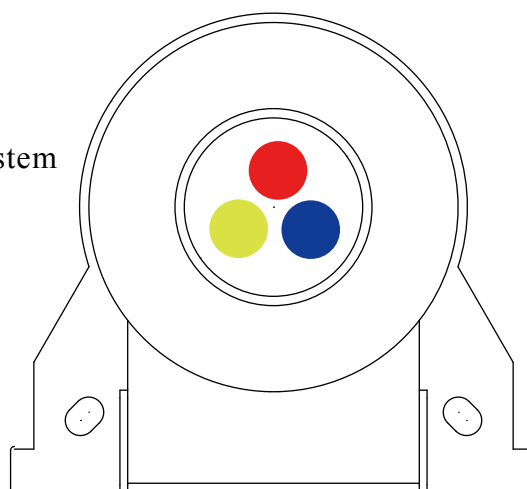- Sub-plate mount（No card rail installation）

Product application

- High-rise buildings
- Dangerous place
- Power supply system in public places
- Residential building unit of power supply system

Product advantage

- Economic and practical
- Open and close design, easy installation
- Products with balance and overload characteristic features

Installation diagram

Primary threading method:

Typical technical index：

- Material of core——Nanocrystalline
- Working voltage——Phase voltage≤720V
- Working temperature——-25℃～+70℃
- Storage temperature——-35℃～+85℃
- Frequency range——20Hz～20KHz
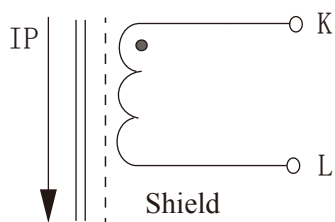- Dielectric strength——Output/Outer shell AC 3.5KV/1min 5mA 50Hz

Technical Parameters table（The following parameters are typical values, and the actual values are subject to the actual measurement of products）

Note

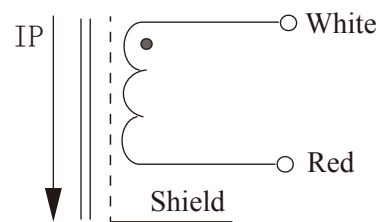|			
Primary rated test current	1000	mA	Can be made according to customer's requirement
Secondary rated output current	0.5	mA	Can be made according to customer's requirement
Turns ratio	1：2000		Can be made according to customer's requirement
Rated continuous thermal current	2000	mA	
Accuracy	1	%	
Load resistance	＜1K	Ω	For reference only
Weight	400	g	For reference only

Connection Diagram：

ZCT023BT（Crimping terminal output）

IP   K
     L
Shield

Current output type
Secondary are not allowed to short circuit

ZCT023BL（Leading wire output）
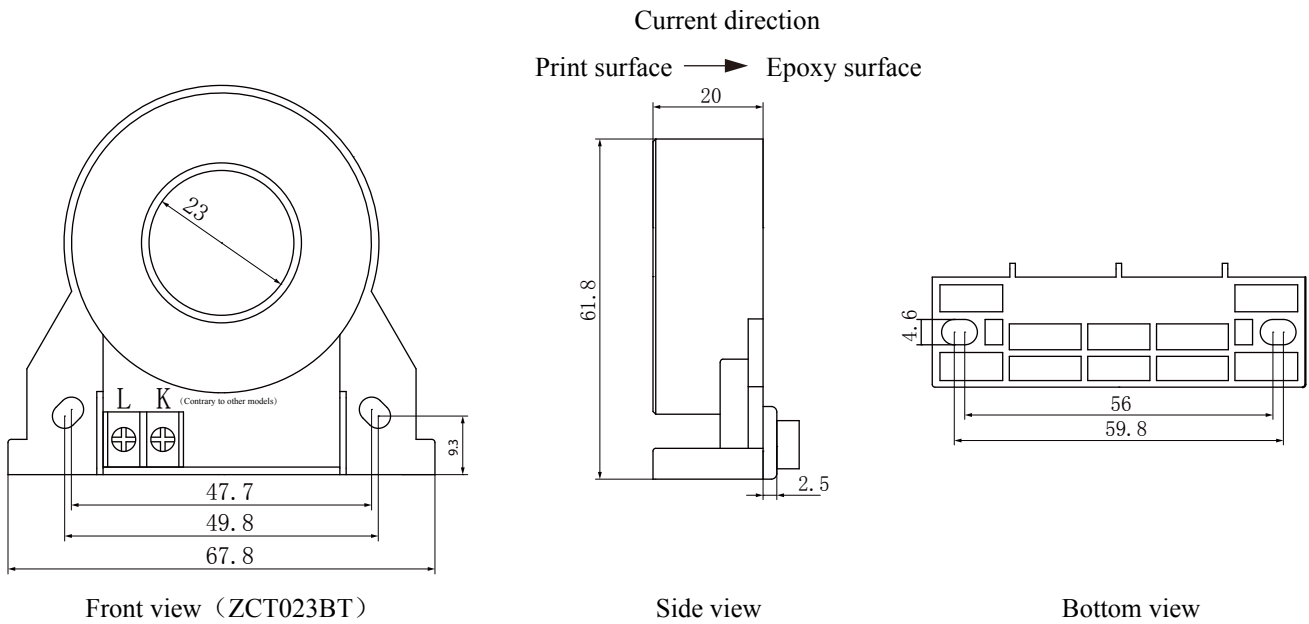
IP   White
     Red
Shield

Current output type
Secondary are not allowed to short circuit

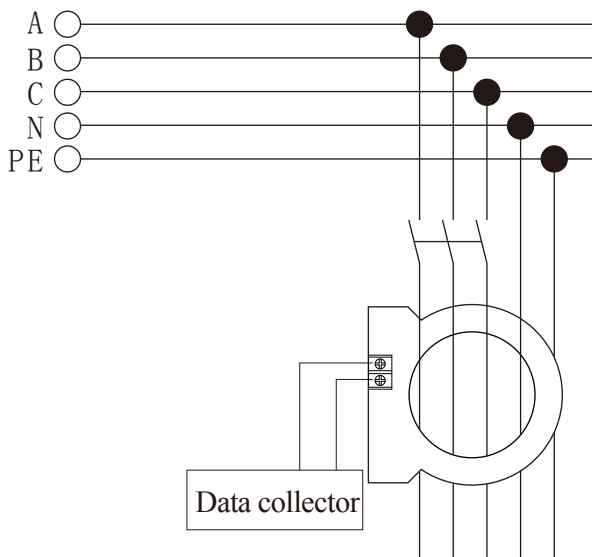Specifications of lead wire：0.2mm^{2}Two core shielded wire

The length of lead wire：1m
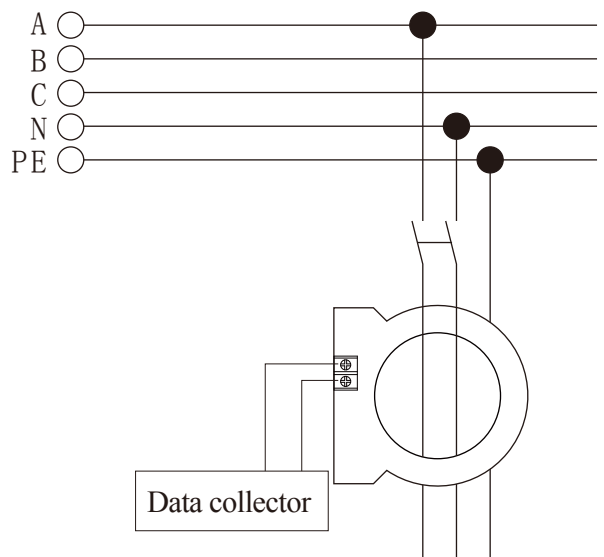
Two core color：Red、White

Outline size（in mm±0.5）:

23

L K （Contrary to other models）

9.3

47.7

49.8

67.8

Front view（ZCT023BT）

（ZCT023BL The lower left corner of the outgoing line is subject to the real object）

Current direction

Print surface ⟶ Epoxy surface

20

61.8

2.5

Side view

4.6

56

59.8

Bottom view

Application diagram：

A
B
C
N
PE

Data collector

Three phase line

A
B
C
N
PE

Data collector

Single phase line