



SHENKE ELECTRONICS CO.,LTD OF HEBEI

SPECIFICATION

Customer :	
Model No :	Current Transformer
Part No :	HLX1 5(100)A/2.5mA 0.05 10Ω
Document No:	1HKW.506.6811Q
Date:	2016.10.05
<p>If you testing the above types of samples qualified, or the specification without objection, please signature or seal, and return. Thank you for your support !</p> <p>Customers sign back (Chapter):</p>	

※ Please confirm , the following specification will be according to this standards.

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Make	FengSisi	To examine		Approval		Date	2016.03.09
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Model No	Current Transformer	
Part No	HLX1 5(100)A/2.5mA 0.05 10Ω	Document No :1HKW.506.6681

1、 Scope of application

This specification suitable for 50Hz multifunctional electronic electric energy meter, anti- stealing electric meter, digital meter, also be used for transducer electric variables, remote control data acquisition system, relay protection, digital device and meters.

2、 Applicable conditions

(1) Environment temperature: -40 °C ~ 75 °C, relative humidity 95%;

(2) altitude: not more than 1000m;

(3) atmospheric conditions: no serious impact on transformer insulating gas, steam, chemical deposition, dirt and other corrosive, explosive medium.

3、 Technical requirements

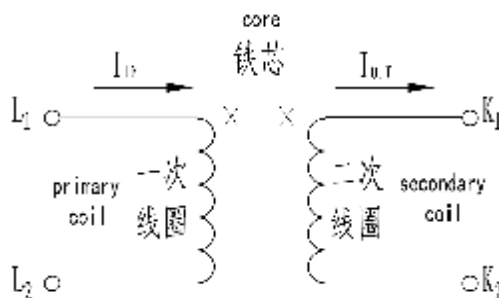
It accords with IEC-60044-1 0.1

Class. 4、 Structure requirement

Delicate aesthetic appearance, flexible structure, small volume and light weight, the insulating ability is strong, earthquake prevention.

5、 Main specifications and technical parameters

(1) Electrical principle chart:



(2) Current transformer specifications, technical parameters are shown in Table 1;

(3) Outline and mounting dimensions is shown in Figure 1;

(4) Current transformer current error (ratio) and phase error (angle) limit values are shown in Table 2;

(5) Insulation withstand voltage 4000V 50Hz/1min, leakage current < 1mA;

(6) Dielectric resistance> 500MΩ /500Vdc;

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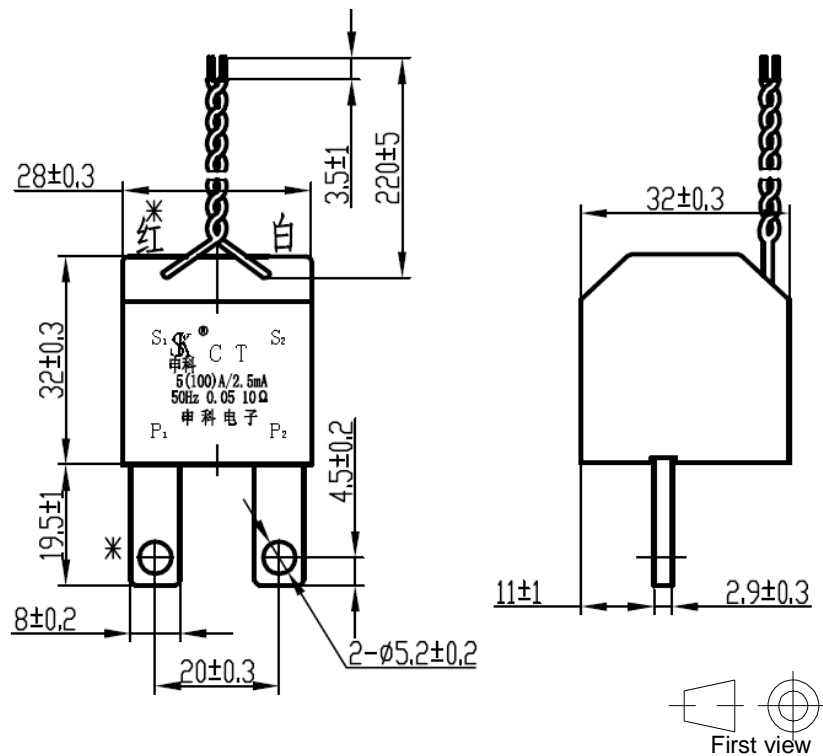
Table 1:

Characteristic	Parameter	Characteristic	Parameter
Primary current	5A	Secondary current	2.5mA
Primary maximum	100A	Load	10Ω
Accuracy class	0.05	Working frequency	50Hz~400Hz

Table 2:

Current error (ratio) ±%				Phase error (angle) ±'			
Rated current percent value				Rated current percent value			
5	20	100	I _{max}	5	20	100	I _{max}
≤0.05	≤0.05	≤0.05	≤0.05	≤5	≤5	≤5	≤5

Figure 1 (C ompany: mm)



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