Elecspark

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Transformers User's Manual

Jiangyin Spark Electronic Technology Co., Ltd. was established in 1995. After 27 years of trials and hardships, it has grown into a national high-tech enterprise and a private technology-oriented enterprise in Jiangsu Province.

So far, the company has obtained more than 50 technical patents related to sensors, including 19 invention patents. In terms of authorized invention patents, the company ranked the 6th among all enterprises in Jiangyin in 2020.

In 2009, the company's products passed the technical appraisal conducted by Wuxi Science and Technology Bureau and achievement appraisal conducted by Jiangsu Machinery Department, and won the second prize of Jiangsu Machinery Industry Progress Award.

In 2010, the company won the third prize of Jiangyin Science and Technology Progress Award.

In 2020, the company won the title of Wuxi Current and Voltage Measurement and Control Enterprise Technology Center.

In 2022, the company won the title of Advanced Company in Transformation and Upgrading in Jiangyin City.

Since 2008, the company has fully invested in the research, development and production of split core current sensors for smart grids and has paid much attention to the stability and safety of the sensors in research and development process.

Stability requires split core current sensors to achieve reliable long-term operation capability and accurate current output transformation ratio under the condition of correct assembly. In view of this, the company has conducted a lot of tests on product performance and protection capability. The main test types are listed as follows:

1. The Experimental Verification Center of China Electric Power Research Institute Co., Ltd. issued three (3) full performance test reports in accordance with the "Technical Specifications for split core Low-Voltage Current Transformers" released by the State Grid Jiangsu Electric Power Corporation;

2. The National Electrical Product Quality Supervision and Inspection Center issued one (1) short-term thermal current test report in accordance with the national standards GB/T 20840.1-2010 and GB/T 20840.2-2014;

3. The National Radio and Television Product Quality Supervision and Inspection Center issued five (5) protection level test reports in accordance with the national standard GB/T 4208-2017;

4. The Lightning Protection Product Testing Center of Shanghai Lightning Protection Center issued one (1) ultraviolet test report in accordance with the standard ASTM G154-16; and

5. The National Metrology Center Co., Ltd. issued four (4) full performance test reports in accordance with the standard Q/GDW 1572-2015.

The consideration of safety is the first priority in the design of sensors. Since there is no 3C safety certification for split core current sensors in China now, our company's split core current sensors have applied for the mainstream safety certification in European and American countries and ROHS mandatory standards developed by the EU legislation. Until now, our company has obtained main safety certification and ROSH certification as follows:

1. UL safety certification by the Underwriters Laboratory, two (2) certificates, covering more than 30 product specifications;

2. Post-Brexit UKCA safety certification, one (1) certificate, covering more than 20 product specifications;

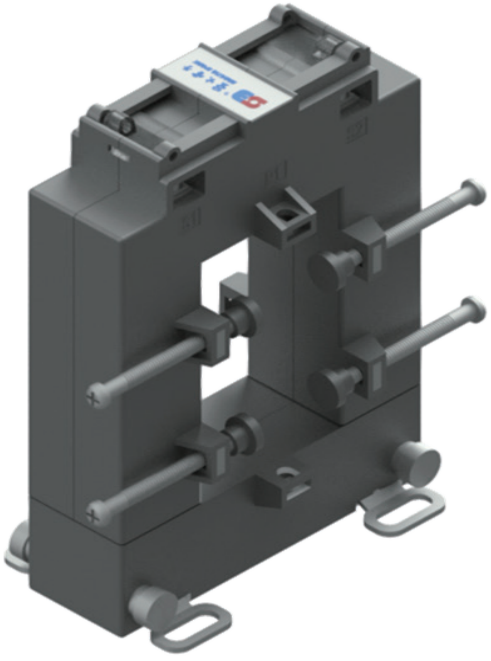
3. EU CE safety certification, twenty-five (25) certificates, covering more than 65 product specifications;

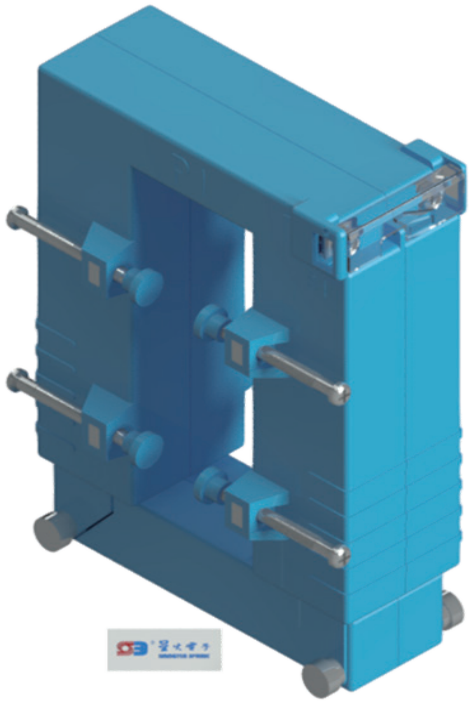
4. EU ROHS standard testing certification, three (3) random inspection certificates, covering all product specifications.

Due to excellent stability and safety characteristics, the company's sensors are favored by customers around the world. In recent years, domestic sales have also shown a good growth momentum. In 2020, our company's split core current sensors won the bid at the rate more than RMB12 million provided by the State Grid-Jiangsu Electric Power Corporation. Therefore, our company's enhances the determination to spear current sensors to the State Grid. It is believed that our company's current sensors can be spread all over the power networks in China and in the entire world in near future.

Looking forward to the future, our company will gradually develop towards the digitization of the Internet of Things based on the research, development and production of current sensors. We hope to create brilliant future together with you.

Three major reasons to choose our transformers





1.Many R&D patents

- Our company specializes in the research, development, design and production of Split core current transformers. As of 2022, the company has obtained a total of 19 invention patents related to Split core current transformer products, production and testing equipment.

2.Complete safety certification

- Our company's split core current transfromers involve in live installation, so its safety is even more important than its perfromance. All split core current transfromers have obtained the US UL certification, EU CE certification and UK UKCA certification.

3.Excellent performance at home and abroad

- Our company is mainly engaged in Split core current transformers, which are sold mainly in Europe, North America, Canada and Southeast Asia. Domestically, our company won the bid provided by Jiangsu Fangtian Electric Power Co., Ltd. for three consecutive years from 2018 to 2020, and won the bid provided by State Grid-Jiangsu Electric Power Corporation in 2020.

This manual is mainly used for the selection of technical specifications of our company's split core current transformers and Rogowski Coil products.

Based on current application classification, split core current transformers are mainly divided into by use Scenario: indoor-type and outdoor-type (outdoor-type can be used indoors and vice versa); and based on output signal, split core current transformers are mainly divided into: AC 5/1A output, AC mA/mV and DC4-20mA or DC 0-10V signal output. Therefore, split core current transformers are mainly divided into the following categories:

No.	Output	Scenario	Category	Secondary output form
1	AC 5/1A	Indoor	Busbar type split core current transformer	Terminal
2	AC 5/1A	Indoor	Cable type split core current transformer	2.5mm^2 (1.5mm^2) special insulated flexible wire for power distribution cabinet
3	AC mV/mA	Indoor	Cable type split core current transformer	UL 1015105℃ 600V or UL1007 80℃ 300V black and white paralleled wire, stranded wire, sheathed wire etc.
4	AC mV/mA	Indoor	Ring cable type split core current transformer	
5	AC mV/mA	Indoor	Square cable type split core current transformer	
6	AC mV/mA	Outdoor	Zero sequence split core current transformer	Shielded sheathed wire
7	AC 5/1A	Outdoor	Cable type split core current transformer	2.5mm^2 (1.5mm^2) sheathed cable
8	AC mV/mA	Outdoor	Cable type split core current transformer	Sheathed wire
9	DC4-20mA 0-10V	Indoor	Cable type split core current transformer	Sheathed wire
10	DC4-20mA 0-10V	Indoor	DC hall sensor	Terminal

Rogowski coil is especially applicable for current sensors for protection due to its characteristics of non-saturation of primary current and fast response of secondary output.

Flexible Rogowski coil is applicable for these areas with limited space due to its softness and small size.

Flexible Rogowski coil has strong sealing performance and is applicable for outdoor use. Therefore, Rogowski coil is divided into the following categories by output:

No.	Output	Secondary output form
11	AC 5/1A	Various terminals and connectors
12	AC mV/mA	
13	AC 0-5V/0-10A integrator	
14	DC4-20mA/0-10V transmitter	
15	Digital RS485 communication	

Busbar split-core current transformer

5A/1A

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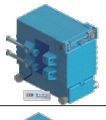
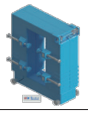
Model Catalog 1-Busbar type split core current transformer, for indoor use, output5/1A

No.	Model	Photo	Inner Hole (mm)	Input Current (A)
1	KCT23		20*30	100-400
2	KCT35		30*50	300-800
3	KCT58		50*80	250-1200
4	KCT88		80*80	250-1200
5	KCT812		80*120	400-1500
6	KCT816		80*160	1000-5000
7	KCT310H		30*100	500-3000
8	KCT410N		40*100	1000-4000
9	KCT610		60*100	500-3000
10	KCT26		20*60	100-600
11	KCT48		40*80	600-1500
12	KCT410		40*100	1000-3000
13	KCT513		50*130	1000-3000

Cable split-core current transformer

5A/1A

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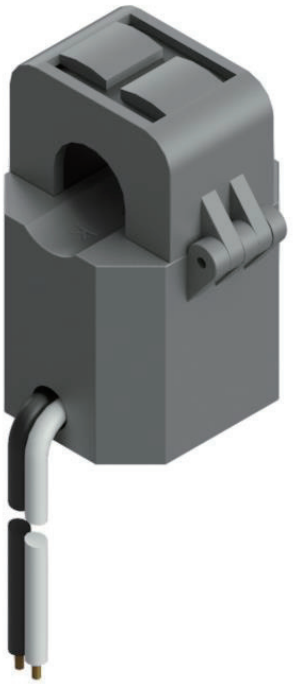
Model Catalog 2-Cable type split core current transformer, for indoor use, output mV/mA

No.	Model	Photo	Inner Hole (mm)	Input Current (A)
1	XH-SCT-T16A		φ16	100-200
2	XH-SCT-T24		φ24	100-300
3	XH-SCT-T36		φ36	200-600
4	XH-SCT-T50		φ50	400-1000



Cable split-core current transformer

mA/mV

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Model Catalog 3-Cable type split core current transformer, for indoor use, output mV/mA

No.	Model	Photo	Inner Hole (mm)	Input Current (A)
1	XH-SCT-T06		φ06	50-80
2	XH-SCT-T10A		φ10	50-80
3	XH-SCT-T10B		φ10	50-80
4	XH-SCT-T10C		φ10	50-80
5	XH-SCT-T12		φ12	50-120
6	XH-SCT-T16		φ16	50-120
7	XH-SCT-T18		φ17	50-200
8	XH-SCT-T20A		φ20	20-200
9	XH-SCT-T20B		φ20	200-300
10	XH-SCT-T24		φ24	200-300
11	XH-SCT-T36		φ36	200-500
12	XH-SCT-T50		φ50	600-1200

Cable split-core current transformer

mA/mV

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Model Catalog 4-Range Cable type split core current transformer, for indoor use, output mV/mA

No.	Model	Photo	Inner Hole (mm)	Input Current (A)
1	SCTO24		φ24	50-200
2	SCTO25		φ25	50-200
3	SCTO70		φ70	500-1000

Cable split-core current transformer

mA/mV

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Model Catalog 5-Square Cable type split core current transformer, for indoor use, output mV/mA

No.	Model	Photo	Inner Hole (mm)	Input Current (A)
1	SCT0750		φ19	50-150
2	SCT1250		φ32	150-600
3	SCT2000		φ50	600-1000
4	SCT3000		φ76	1000-2000
5	SCT5000		φ125	2000-3000
6	SCT0750S		φ19	50-200
7	SCT1250S		φ31.5	200-600
8	SCT2000S		φ50	600-1200
9	SCT3000S		φ76	1200-2000

Cable split-core current transformer

mA/mV

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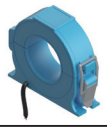
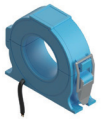
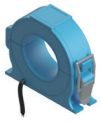
Model Catalog 6-Zero sequence split core current transformer, for indoor and outdoor use

No.	Model	Photo	Inner Hole (mm)	Input Current (A)
1	KZCT45		φ45	1.0-10
2	KZCT65		φ65	
3	KZCY80		φ80	

Cable split-core current transformer

mA/mV

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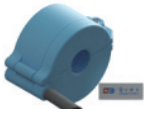
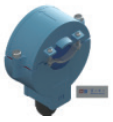
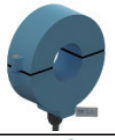
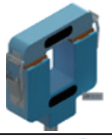
Model Catalog 7-Cabletype split core current transformer, for outdoor use, output5/1A

No.	Model	Photo	Inner Hole (mm)	Input Current (A)
1	FSCT20		φ20	100-200
2	FSCT20		φ20	150-500
3	FSCT30		φ30	100-500
4	FSCT35		φ35	100-600
5	FSCT36		φ36	100-600
6	FSCT40		φ40	100-600
7	FSCT50		φ50	600-1500
8	FSCT60		φ60	1600-3000
9	FSCT68		φ60	600-1500
10	FSCT816		φ80	1000-2000

Cable split-core current transformer

mA/mV

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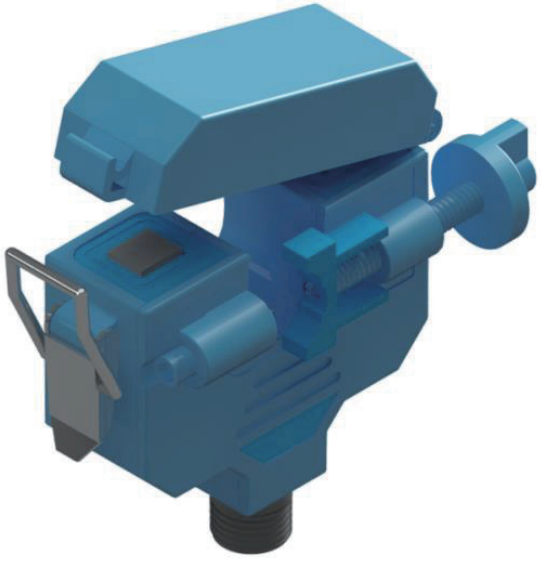
Model Catalog 8-Cable type split core current transformer, for outdoor use, output mV/mA

No.	Model	Photo	Inner Hole (mm)	Input Current (A)
1	FSCT20		φ20	150-500
2	FSCT30		φ30	100-500
3	FSCT35		φ35	100-600
4	FSCT50		φ50	600-1500



Hall split-core current sensor

4-20mA 0-10V

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Model Catalog 9-Open-loop Hall current sensor, for indoor use

No.	Model	Photo	Inner Hole (mm)	Input Current (A)
1	DCT21		φ21	0-600
2	DCT40		φ40	0-2000

Model Catalog 11 - Rogowski coils

Hall split-core current sensor

No.	Model	Photo
1	100mV/KA	
2	100mV/KA	
3	100mV/KA (three-phase)	
4	5A/Rayed	
5	1A/Rayed	
6	0-10V single phase integrator	
7	0-10V three-phase integrator	
8	0-10V passive integrator	

Hall split-core current sensor

4-20mA 0-10V

RS485

No.	Model	Photo
1	DC4-20mA/0-10V transmitting output	
2	DC4-20mA/0-10V three-phase transmitting output	
3	DC4-20mA/0-10V multiple transmitting output	
4	Single-channel RS485 output	
5	Multi-channel RS485 output	
6	Lightning current collection RS485 output	
7	Smart meter	

Indoor busbar-type current transformer

Model KCT23

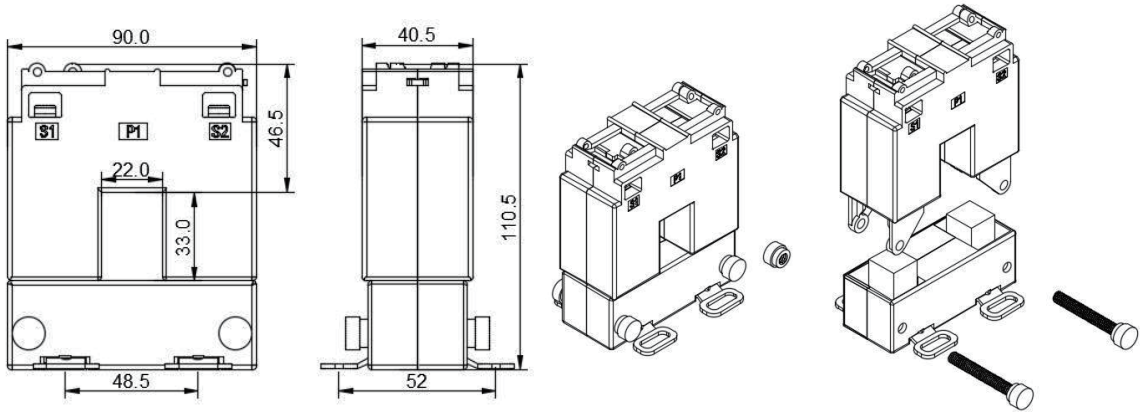
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃
Operating humidity: ≤95%
Level of protection: IP23
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

Applicable Scenario

·For indoor use
·Applicable busbar: 20mm\30mm
·Applicable primary current: 100-400A
·Applicable secondary current: 5A/1A
·Applicable for secondary heavy loads
·Meet higher accuracy requirements

Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
100/5	3.0S	1.0	250/1	3.0S	1.0
150/5	3.0S	1.0	400/1	3.0S	1.0
200/5	1.0S	1.5	600/1	1.0S	1.5
250/5	1.0S	1.0	800/1	1.0S	1.0
300/5	1.0S	2.5	1000/1	1.0S	2.5
400/5	0.5S	2.5	1200/1	0.5S	2.5

Indoor busbar-type current transformer Model KCT35

5A/1A indoor CE RoHS

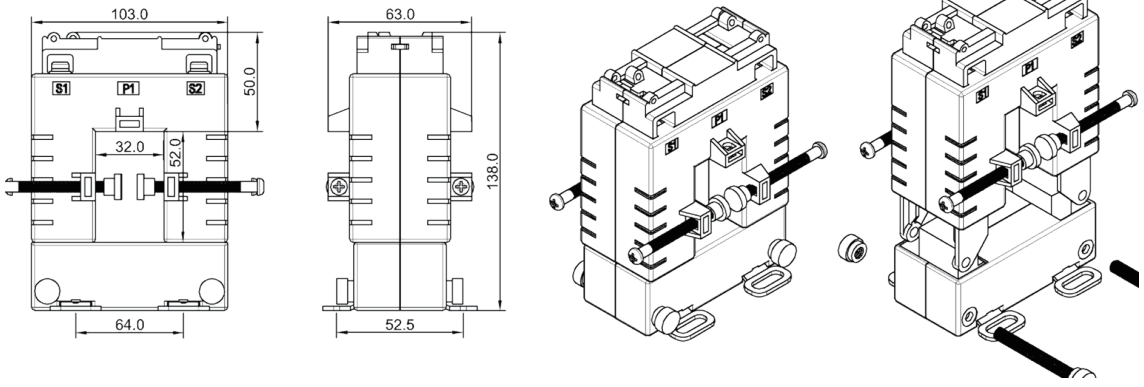
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃
Operating humidity: ≤95%
Level of protection: IP23
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

Applicable Scenario

·For indoor use
·Applicable busbar: 20mm\30mm
·Applicable primary current: 300-800A
·Applicable secondary current: 5A/1A
·Applicable for secondary heavy loads
·Meet higher accuracy requirements

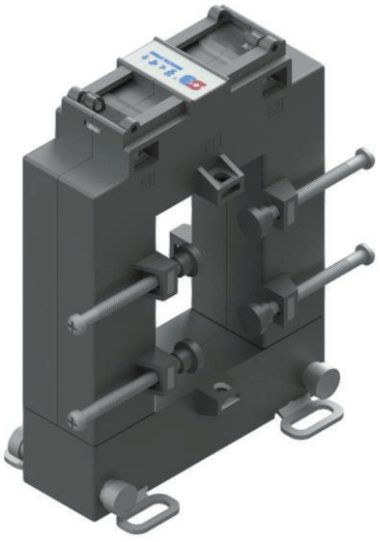
Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
300/5	1.0S	2.5	300/1	1.0S	2.5
400/5	0.5S	2.5	400/1	0.5S	2.5
500/5	0.5S	2.5	500/1	0.5S	2.5
600/5	0.5S	2.5	600/1	0.5S	2.5
700/5	0.5S	2.5	700/1	0.5S	2.5
800/5	0.5S	2.5	800/1	0.5S	2.5

Indoor busbar-type current transformer Model KCT58



5A/1A indoor CE RoHS

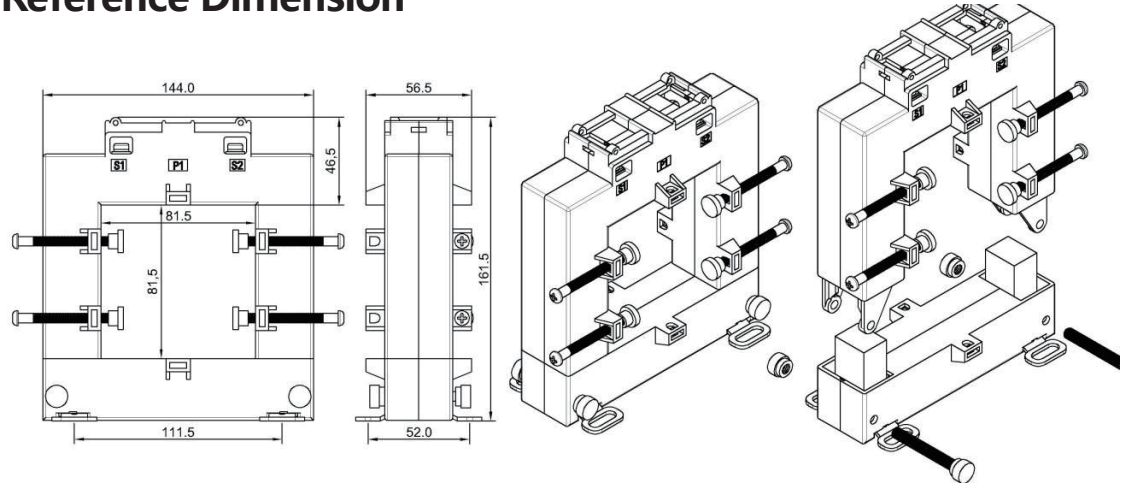
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃
Operating humidity: ≤95%
Level of protection: IP23
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

Applicable Scenario

·For indoor use
·Applicable busbar: 50mm\80mm
·Applicable primary current: 250-1200A
·Applicable secondary current: 5A/1A
·Applicable for secondary heavy loads
·Meet higher accuracy requirements

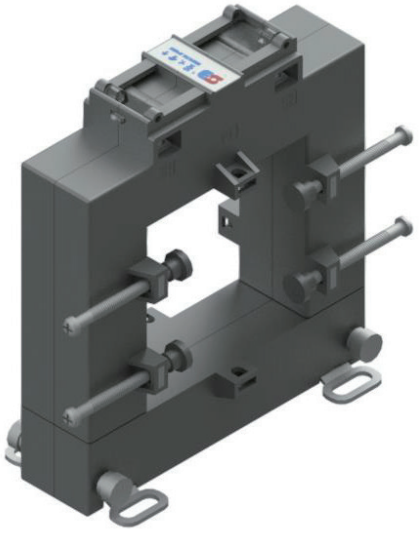
Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
250/5	1.0S	2.5	250/1	1.0S	2.5
400/5	0.5S	2.5	400/1	0.5S	2.5
600/5	0.5S	2.5	600/1	0.5S	2.5
800/5	0.5S	5.0	800/1	0.5S	5.0
1000/5	0.5S	5.0	1000/1	0.5S	5.0
1200/5	0.5S	5.0	1200/1	0.5S	5.0

Indoor busbar-type current transformer Model KCT88



Applicable Standards

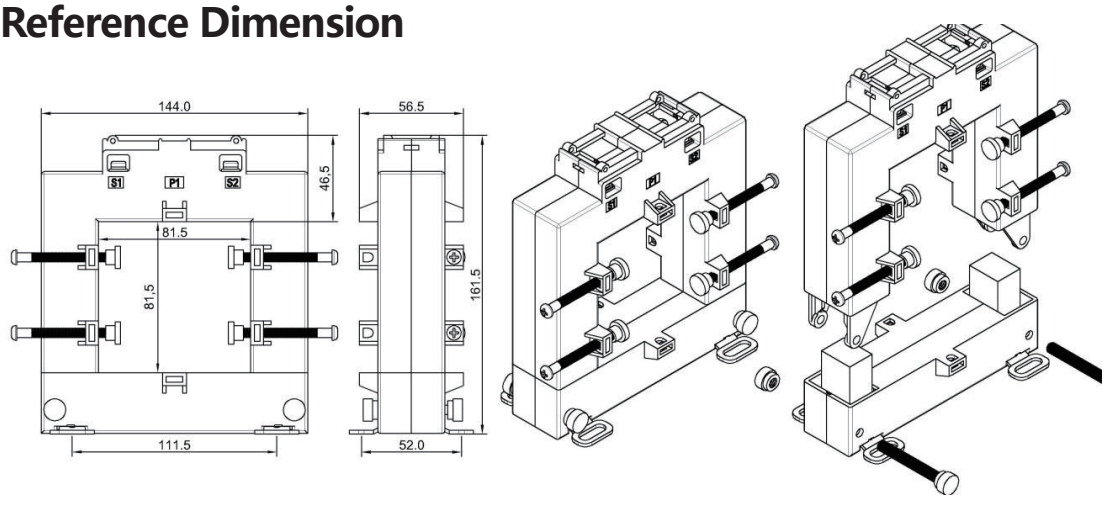
Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃
Operating humidity: ≤95%
Level of protection: IP23
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

5A/1A indoor CE RoHS

Applicable Scenario

·For indoor use
·Applicable busbar: 80mm
·Applicable primary current: 250-1200A
·Applicable secondary current: 5A/1A
·Applicable for secondary heavy loads
·Meet higher accuracy requirements

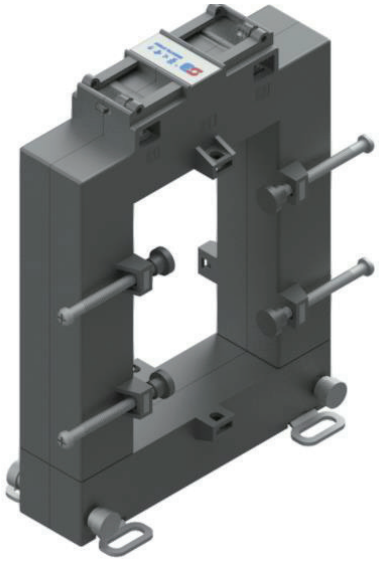
Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
250/5	1.0S	2.5	250/1	1.0S	2.5
400/5	0.5S	2.5	400/1	0.5S	2.5
600/5	0.5S	2.5	600/1	0.5S	2.5
800/5	0.5S	5.0	800/1	0.5S	5.0
1000/5	0.5S	5.0	1000/1	0.5S	5.0
1200/5	0.5S	5.0	1200/1	0.5S	5.0

Indoor busbar-type current transformer Model KCT812



5A/1A indoor CE RoHS

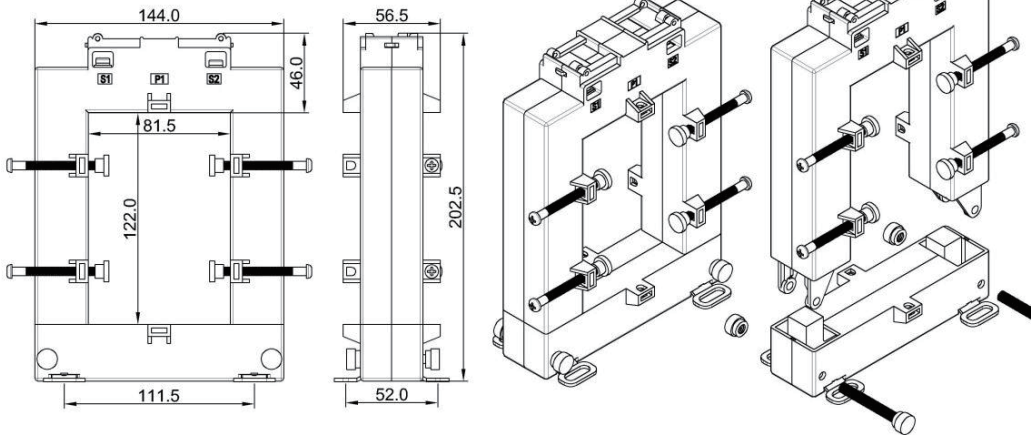
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃
Operating humidity: ≤95%
Level of protection: IP23
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

Applicable Scenario

·For indoor use
·Applicable busbar: 80mm\120mm
·Applicable primary current: 400-1500A
·Applicable secondary current: 5A/1A
·Applicable for secondary heavy loads
·Meet higher accuracy requirements

Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
400/5	0.5S	2.5	400/1	0.5S	2.5
600/5	0.5S	2.5	600/1	0.5S	2.5
800/5	0.5S	5.0	800/1	0.5S	5.0
1000/5	0.5S	5.0	1000/1	0.5S	5.0
1200/5	0.5S	5.0	1200/1	0.5S	5.0
1500/5	0.5S	5.0	1500/1	0.5S	5.0

Indoor busbar-type current transformer Model KCT310H

5A/1A indoor CE RoHS

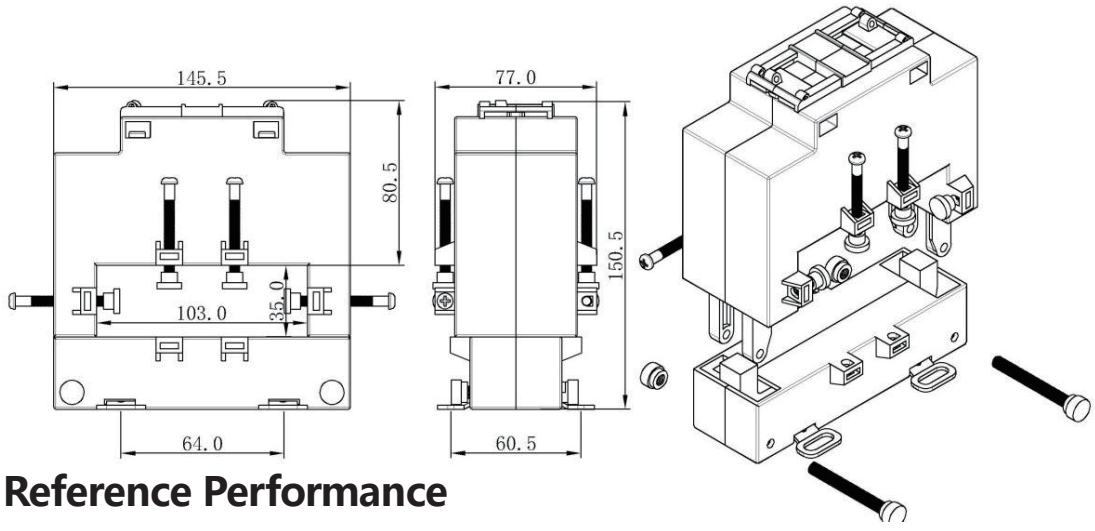
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃
Operating humidity: ≤95%
Level of protection: IP23
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

Applicable Scenario

·For indoor use
·Applicable busbar: 100mm
·Applicable primary current: 500-3000A
·Applicable secondary current: 5A/1A
·Applicable for secondary heavy loads
·Meet higher accuracy requirements

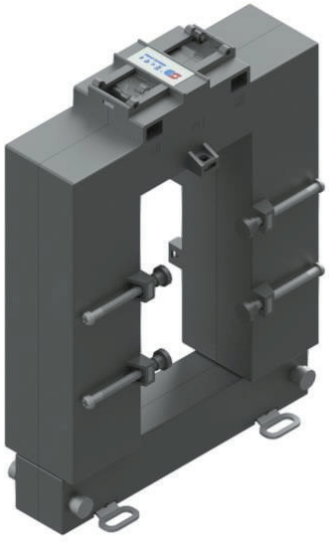
Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
500/5	1.0S	2.5	500/1	1.0S	2.5
1000/5	0.5S	5.0	1000/1	0.5S	5.0
1500/5	0.5S	5.0	1500/1	0.5S	5.0
2000/5	0.5S	10.0	2000/1	0.5S	10.0
2500/5	0.5S	10.0	2500/1	0.5S	10.0
3000/5	0.5S	20.0	3000/1	0.5S	20.0

Indoor busbar-type current transformer Model KCT816



Applicable Standards

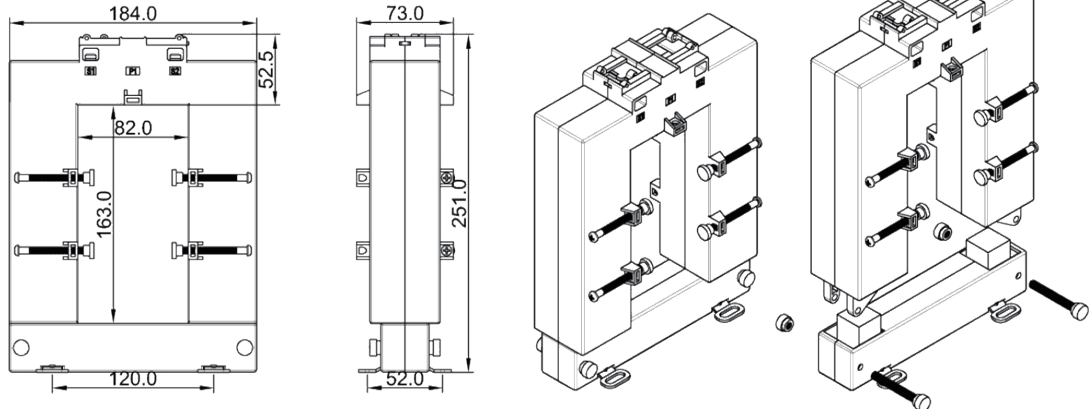
Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃
Operating humidity: ≤95%
Level of protection: IP23
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic
compatibility

5A/1A indoor CE RoHS

Applicable Scenario

·For indoor use
·Applicable busbar: 80mm\160mm
·Applicable primary current: 1000-5000A
·Applicable secondary current: 5A/1A
·Applicable for secondary heavy loads
·Meet higher accuracy requirements

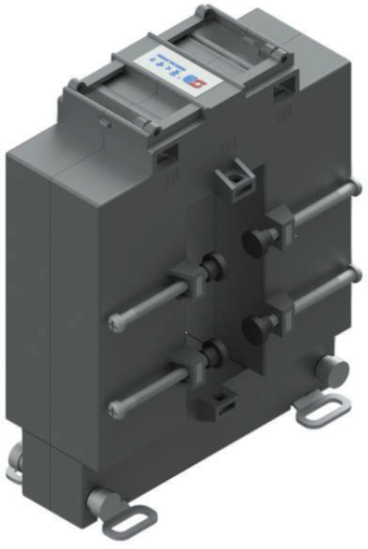
Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
1000/5	0.5S	10.0	1000/1	0.5S	10.0
1500/5	0.5S	10.0	1500/1	0.5S	10.0
2000/5	0.5S	10.0	2000/1	0.5S	10.0
3000/5	0.5S	20.0	3000/1	0.5S	20.0
4000/5	0.5S	20.0	4000/1	0.5S	20.0
5000/5	0.5S	20.0	5000/1	0.5S	20.0

Indoor busbar-type current transformer Model KCT410N



5A/1A indoor CE RoHS

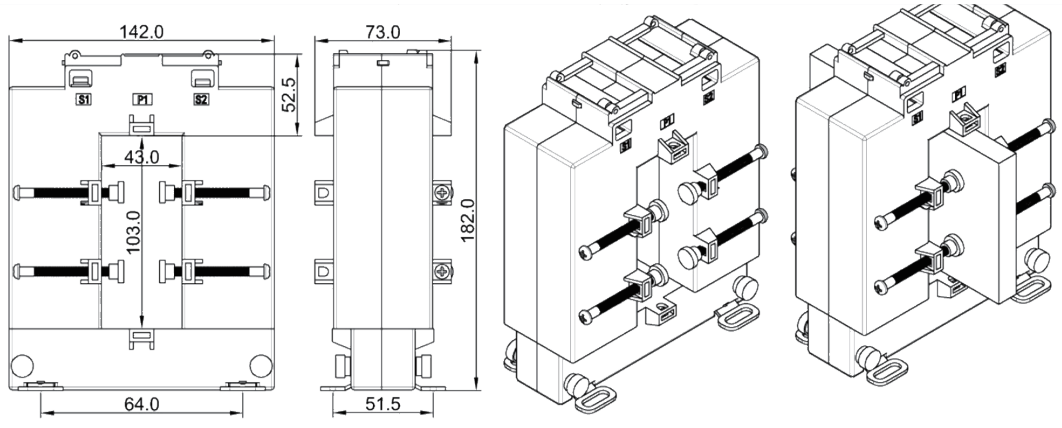
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃
Operating humidity: ≤95%
Level of protection: IP23
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic
compatibility

Applicable Scenario

·For indoor use
·Applicable busbar: 100mm
·Applicable primary current: 1000-4000A
·Applicable secondary current: 5A/1A
·Applicable for secondary heavy loads
·Meet higher accuracy requirements

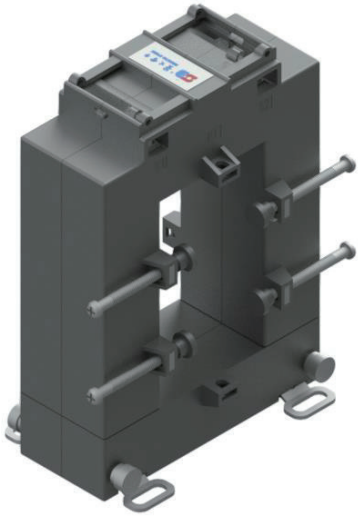
Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
1000/5	0.5S	5.0	1000/1	0.5S	5.0
1500/5	0.5S	5.0	1500/1	0.5S	5.0
2000/5	0.5S	5.0	2000/1	0.5S	5.0
3000/5	0.5S	20.0	3000/1	0.5S	20.0
3500/5	0.5S	20.0	3500/1	0.5S	20.0
4000/5	0.5S	20.0	4000/1	0.5S	20.0

Indoor busbar-type current transformer Model KCT610



Applicable Standards

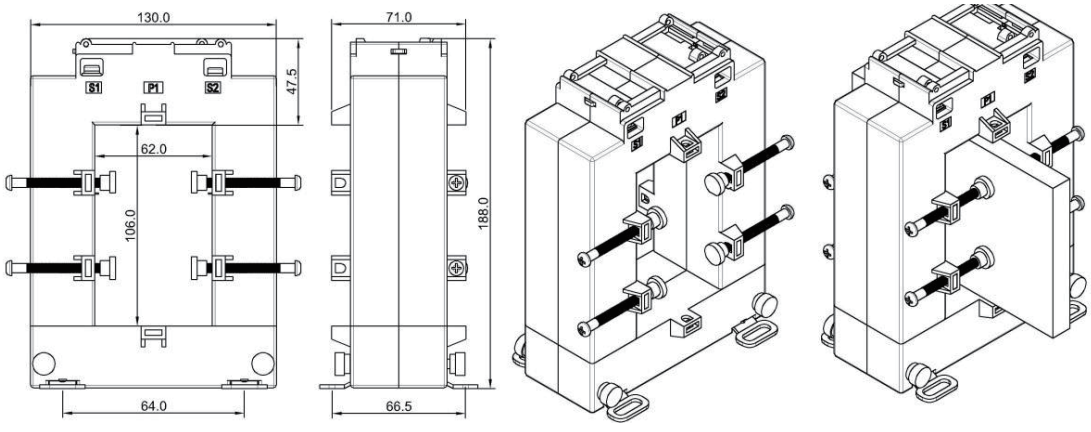
Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃
Operating humidity: ≤95%
Level of protection: IP23
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

5A/1A indoor CE RoHS

Applicable Scenario

·For indoor use
·Applicable busbar: 60mm\100mm
·Applicable primary current: 500-3000A
·Applicable secondary current: 5A/1A
·Applicable for secondary heavy loads
·Meet higher accuracy requirements

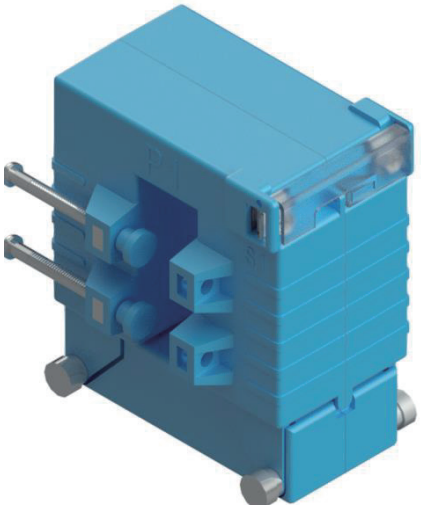
Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
500/5	1.0S	2.5	500/1	1.0S	2.5
1000/5	0.5S	5.0	1000/1	0.5S	5.0
1500/5	0.5S	5.0	1500/1	0.5S	5.0
2000/5	0.5S	10.0	2000/1	0.5S	10.0
2500/5	0.5S	10.0	2500/1	0.5S	10.0
3000/5	0.5S	20.0	3000/1	0.5S	20.0

Indoor busbar-type current transformer Model KCT26



Applicable Standards

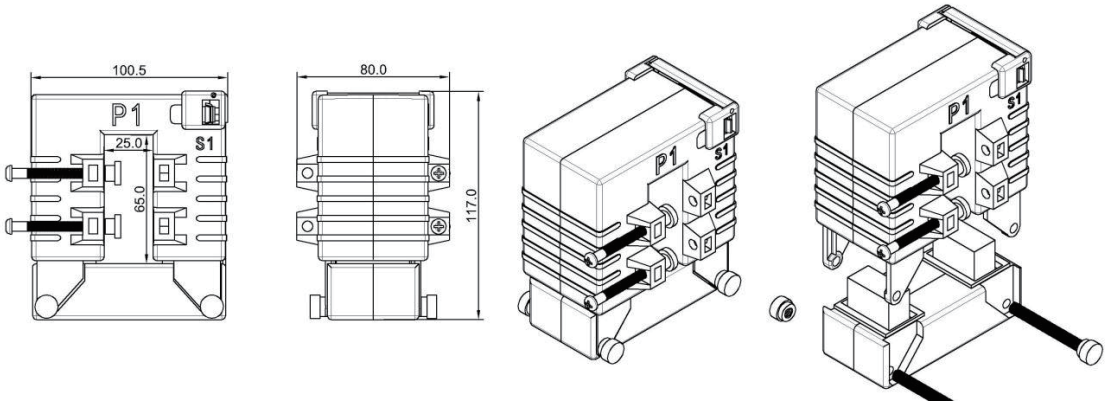
Voltage level: 0.4/0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -25℃~70℃
Operating humidity: ≤95%
Level of protection: IP23
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
Reports obtained: The Experiment & Verification Center of China Electric Power Research Institute Co., Ltd. has issued a test report by referring to the provisions specified in the Enterprise Standard for Jiangsu Electric Power Companies entitling "Technical Specifications for split core Low-voltage Current Transformers". Code: YD201903003

5A/1A indoor CE RoHS

Applicable Scenario

·For indoor use
·Applicable busbar: 60mm
·Applicable primary current: 100-600A
·Applicable secondary current: 5A/1A
·Applicable for secondary heavy loads
·Meet higher accuracy requirements

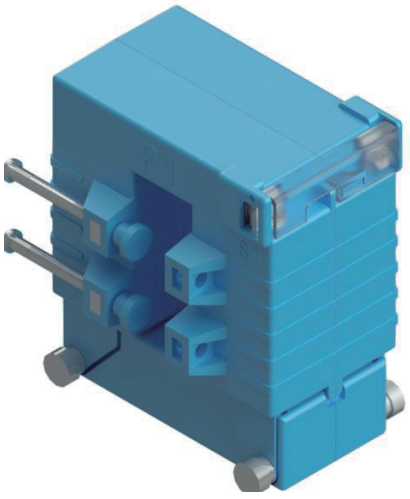
Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
100/5	3.0S	1.5	100/1	3.0S	1.5
200/5	1.0S	1.5	200/1	1.0S	1.5
300/5	1.0S	2.5	300/1	1.0S	2.5
400/5	0.5S	2.5	400/1	0.5S	2.5
500/5	0.5S	2.5	500/1	0.5S	2.5
600/5	0.5S	5.0	600/1	0.5S	5.0

Indoor busbar-type current transformer Model KCT48



Applicable Standards

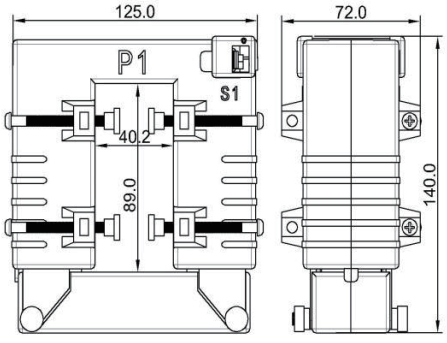
Voltage level: 0.4/0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -25℃~70℃
Operating humidity: ≤95%
Level of protection: IP23
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
Reports obtained: The Experiment & Verification Center of China Electric Power Research Institute Co., Ltd. has issued a test report by referring to the provisions specified in the Enterprise Standard for Jiangsu Electric Power Companies entitling "Technical Specifications for split core Low-voltage Current Transformers". Code: YD201903005

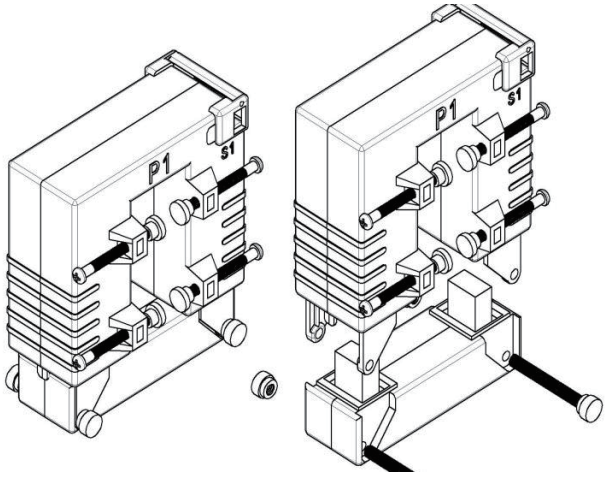
5A/1A indoor CE RoHS

Applicable Scenario

·For indoor use
·Applicable busbar: 80mm
·Applicable primary current: 600-1500A
·Applicable secondary current: 5A/1A
·Applicable for secondary heavy loads
·Meet higher accuracy requirements

Reference Dimension

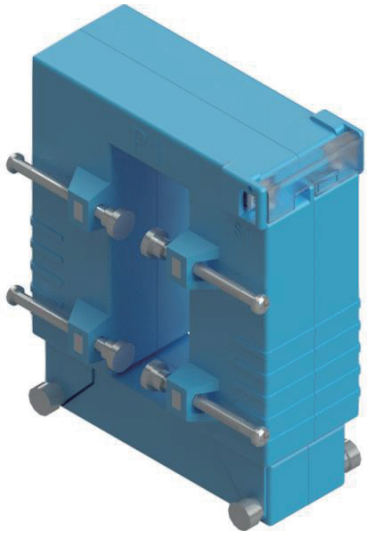




Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
600/5	0.5S	5.0	600/1	0.5S	5.0
800/5	0.5S	5.0	800/1	0.5S	5.0
1000/5	0.5S	5.0	1000/1	0.5S	5.0
1200/5	0.5S	5.0	1200/1	0.5S	5.0
1500/5	0.5S	5.0	1500/1	0.5S	5.0

Indoor busbar-type current transformer Model KCT410



5A/1A indoor CE RoHS

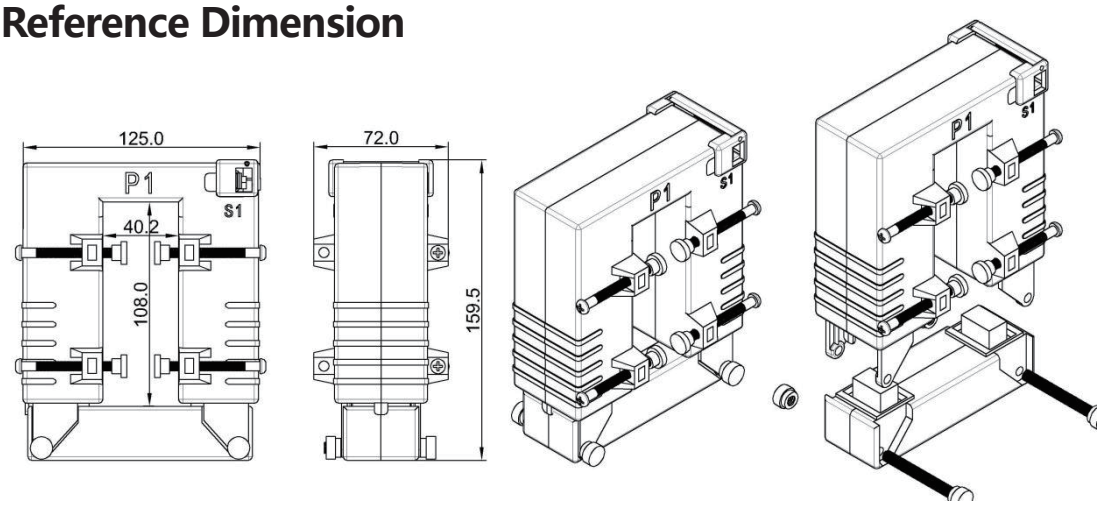
Applicable Standards

Voltage level: 0.4/0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -25℃~70℃
Operating humidity: ≤95%
Level of protection: IP23
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
Reports obtained: The Experiment & Verification Center of China Electric Power Research Institute Co., Ltd. has issued a test report for the same series of products "KCT23" and "KCT48" by referring to the provisions specified in the Enterprise Standard for Jiangsu Electric Power Companies entitling "Technical Specifications for split core Low-voltage Current Transformers".

Applicable Scenario

·For indoor use
·Applicable busbar: 100mm
·Applicable primary current: 1000-3000A
·Applicable secondary current: 5A/1A
·Applicable for secondary heavy loads
·Meet higher accuracy requirements

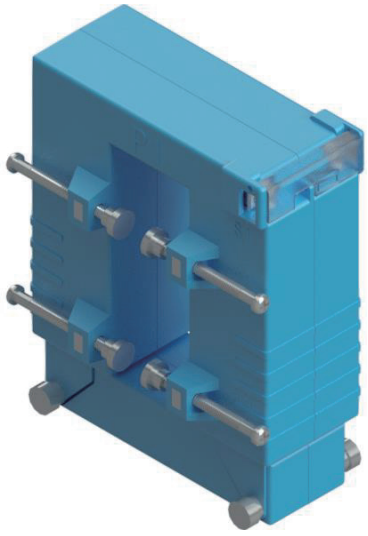
Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
1000/5	0.5S	5.0	1000/1	0.5S	5.0
1500/5	0.5S	5.0	1500/1	0.5S	5.0
2000/5	0.5S	5.0	2000/1	0.5S	5.0
2500/5	0.5S	5.0	2500/1	0.5S	5.0
3000/5	0.5S	5.0	3000/1	0.5S	5.0

Indoor busbar-type current transformer Model KCT513



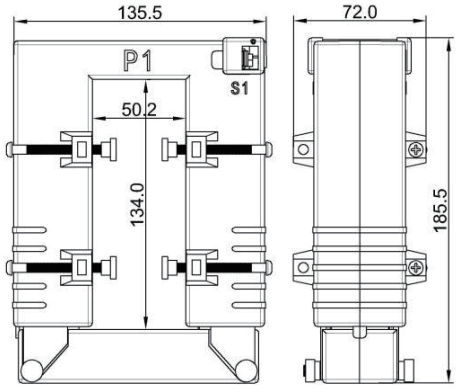
Applicable Standards

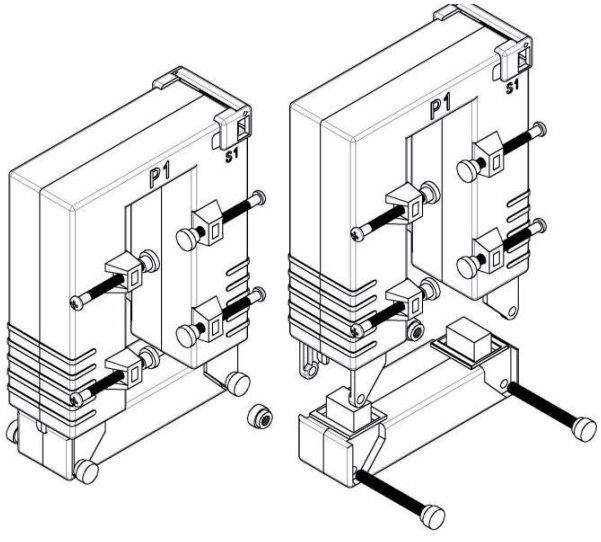
Voltage level: 0.4/0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -25℃~70℃
Operating humidity: ≤95%
Level of protection: IP23
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
Reports obtained: The Experiment & Verification Center of China Electric Power Research Institute Co., Ltd. has issued a test report for the same series of products "KCT23" and "KCT48" by referring to the provisions specified in the Enterprise Standard for Jiangsu Electric Power Companies entitling "Technical Specifications for split core Low-voltage Current Transformers".

Applicable Scenario

·For indoor use
·Applicable busbar: 120mm
·Applicable primary current: 1000-3000A
·Applicable secondary current: 5A/1A
·Applicable for secondary heavy loads
·Meet higher accuracy requirements

Reference Dimension





Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
1000/5	0.5S	5.0	1000/1	0.5S	5.0
1500/5	0.5S	5.0	1500/1	0.5S	5.0
2000/5	0.5S	5.0	2000/1	0.5S	5.0
2500/5	0.5S	5.0	2500/1	0.5S	5.0
3000/5	0.5S	5.0	3000/1	0.5S	5.0

Indoor cable-type current transformer Model XH-SCT-T16A

5A/1A indoor CE RoHS UKCA

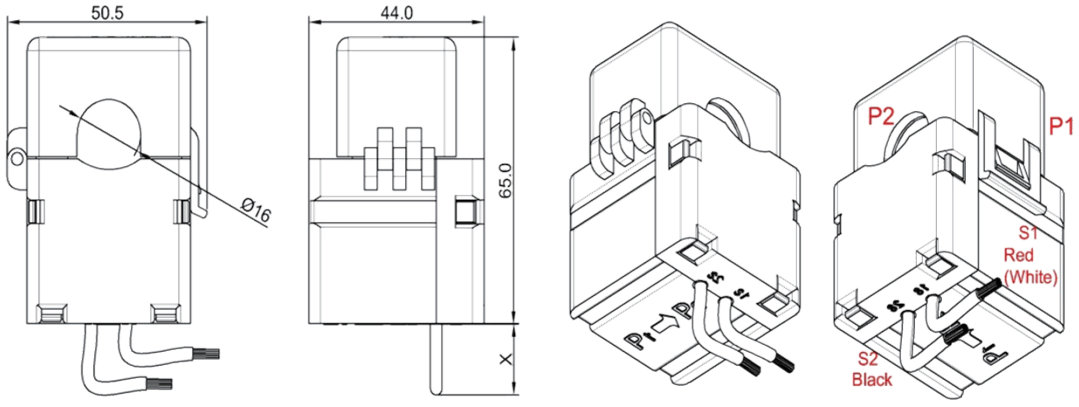
Applicable Standards

Voltage level: 0.4/0.66/0.72KV
Withstand voltage level: 2KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃
Operating humidity: ≤95%
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ16mm
·Applicable primary current: 100-200A
·Applicable secondary current: 5A/1A
·Applicable for wire connection; the secondary cable specification: 2.5mm^2 or 1.5mm^2 RVB, length customized

Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
100/5	3.0S	1.5	100/1	3.0S	1.5
150/5	3.0S	1.5	150/1	3.0S	1.5
200/5	1.0S	1.5	200/1	3.0S	1.5

Indoor busbar-type current transformer Model XH-SCT-T24

5A/1A indoor CE RoHS UKCA cULus E 341727

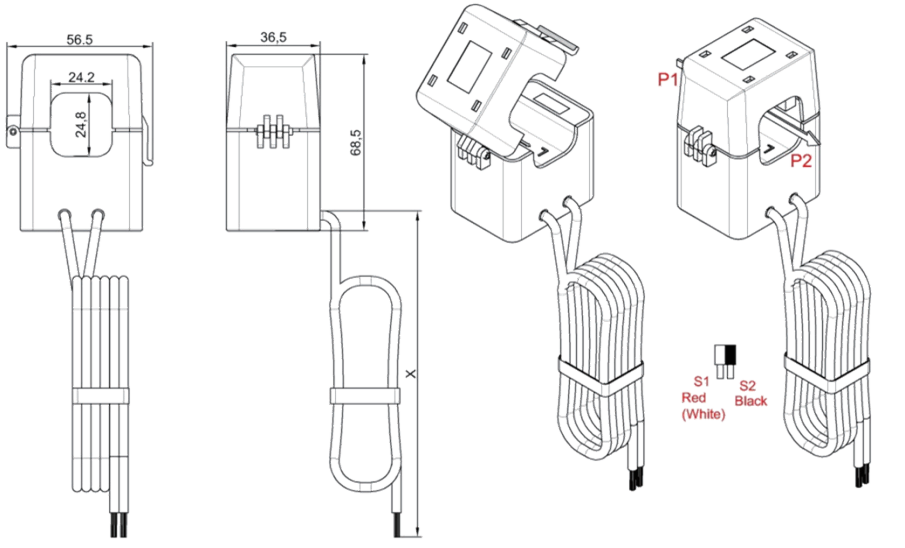
Applicable Standards

Voltage level: 0.4/0.66/0.72KV
Withstand voltage level: 2KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility
UL Certification: Code: E341727; Reference standards: IEEE C57.13, CAN/CSA-C61869-1, CAN/CSA-C61869-2

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ24mm
·Applicable primary current: 100-300A
·Applicable secondary current: 5A/1A
·Applicable for wire connection; the secondary cable specification: 2.5mm^2 or 1.5mm^2 RVB, length customized

Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
100/5	3.0S	0.5	100/1	3.0S	1.5
150/5	3.0S	1.0	150/1	3.0S	1.5
300/5	1.0S	1.0	200/1	1.0S	1.5
250/5	1.0S	1.0	250/1	1.0S	1.0
300/5	1.0S	1.0	300/1	1.0S	1.0

Indoor busbar-type current transformer Model XH-SCT-T36

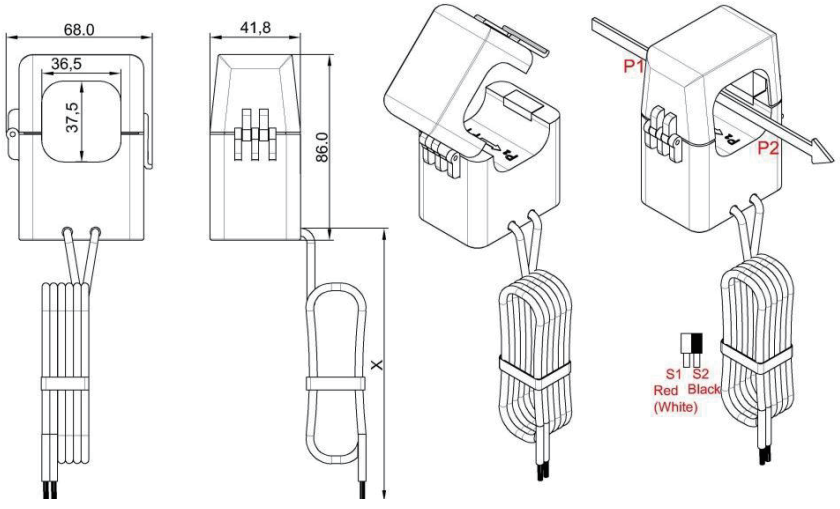
Applicable Standards

Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
insulation category: CAT IV 250 or CAT III 600
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive; Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility
UL Certification 1: Code: E341727; Reference standards: IEEE C57.13, CAN/CSA-C61869-1, CAN/CSA-C61869-2
UL Certification 2: Code: E498920; Reference standards: UL2808, CSA-C22.2 No. 61010-1-12

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ36mm
·Applicable primary current: 200-600A
·Applicable secondary current: 5A/1A
·Applicable for wire connection; the secondary cable specification: 2.5mm^2 or 1.5mm^2 RVB, length customized

Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
200/5	1.0S	0.5	200/1	1.0S	0.5
300/5	1.0S	1.5	300/1	1.0S	1.5
400/5	1.0S	2.5	400/1	1.0S	2.5
500/5	0.5S	2.5	500/1	0.5S	2.5
600/5	0.5S	2.5	600/1	0.5S	2.5

Indoor cable-type current transformer Model XH-SCT-T50

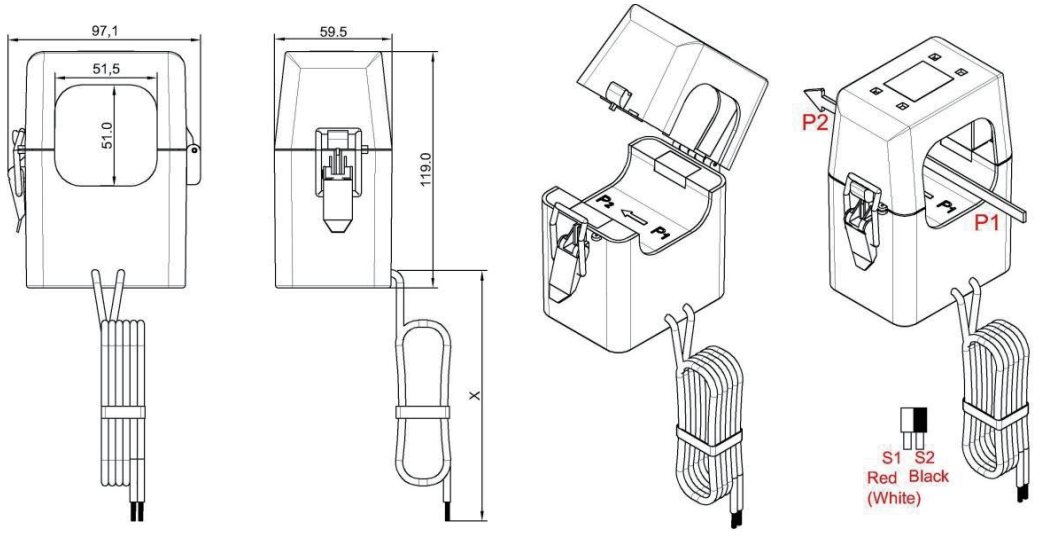
Applicable Standards

Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
insulation category: CAT IV 250 or CAT III 600
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility
UL Certification 1: Code: E341727; Reference standards: IEEE C57.13, CAN/CSA-C61869-1, CAN/CSA-C61869-2
UL Certification 2: Code: E498920; Reference standards: UL2808, CSA-C22.2 No. 61010-1-12

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ50mm
·Applicable primary current: 400-1000A
·Applicable secondary current: 5A/1A
·Applicable for wire connection; the secondary cable specification: 2.5mm^2 or 1.5mm^2 RVB, length customized

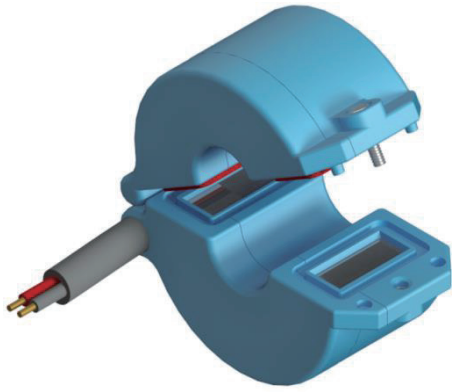
Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
400/5	1.0S	5.0	400/1	1.0S	5.0
500/5	0.5S	2.5	500/1	0.5S	2.5
600/5	0.5S	5.0	600/1	0.5S	5.0
800/5	0.5S	5.0	800/1	0.5S	5.0
1000/5	0.5S	10.0	1000/1	0.5S	10.0

Outdoor cable-type current transformer Model FSCTφ20



5A/1A outdoor CE RoHS

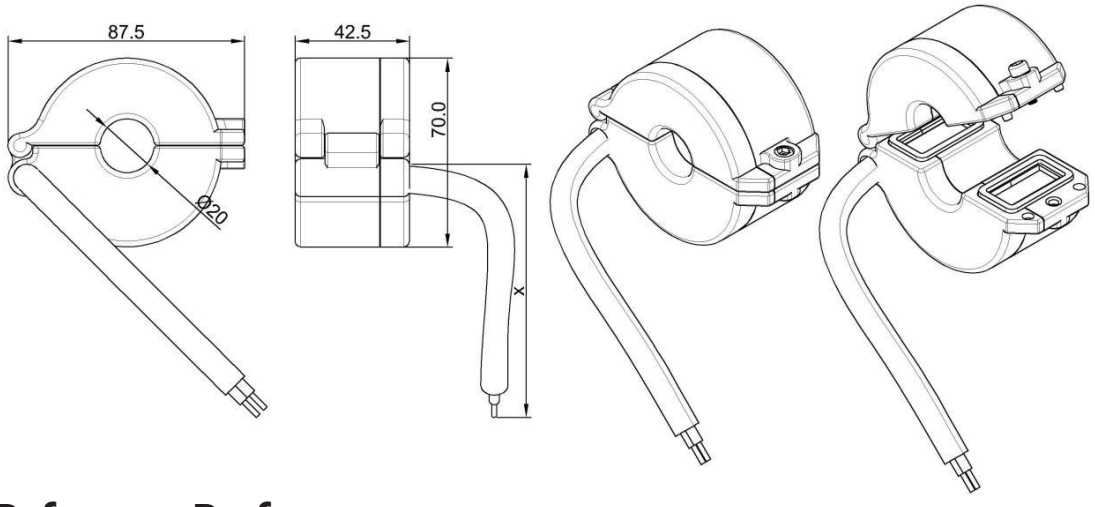
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~70℃
Operating humidity: ≤95%
Level of protection: IP67
Protection standard: GB/T 4208-2017
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012

Applicable Scenario

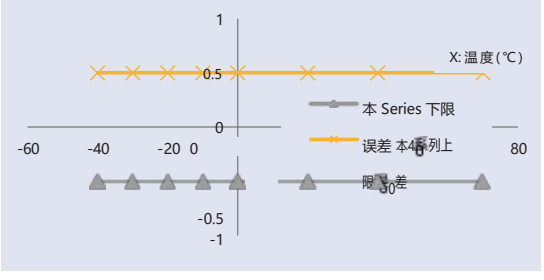
·For outdoor use; level of protection: IP67
·Applicable cable specifications: φ20mm
·Applicable primary current: 100-200A
·Applicable secondary current: 5A/1A
·Applicable for wire connection; the secondary cable specification: 2.5mm^2 or 1.5mm^2 RVB, length customized

Reference Dimension

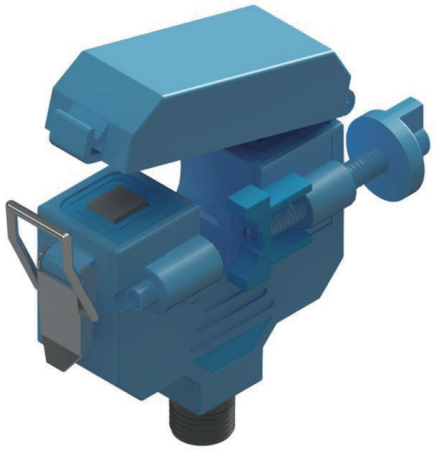


Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)
100/5	1.0	2.5
200/5	0.5	2.5
50/1	3.0	2.5
100/1	1.0	2.5
200/1	0.5	2.5



Outdoor cable-type current transformer Model FSCT20



5A/1A outdoor CE RoHS

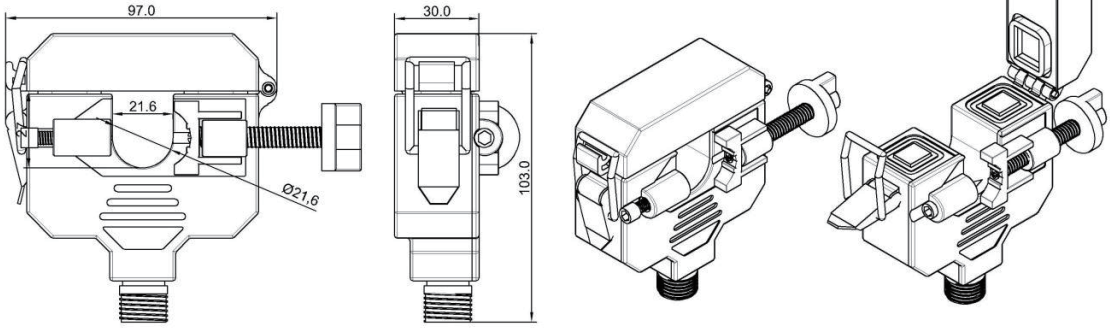
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~70℃
Operating humidity: ≤95%
Protection standard: GB/T 4208-2017: IP67
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012 CE
Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

Applicable Scenario

·For outdoor use; level of protection: IP67
·Applicable cable specifications: φ20mm
·Applicable primary current: 150-500A
·Applicable secondary current: 5A/1A
·Applicable for these Scenarios requiring electrical penetration to measure electricity
·Meet higher accuracy requirements

Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
150/5	3.0S	1.0	150/1	3.0S	1.0
200/5	3.0S	1.0	200/1	3.0S	1.0
250/5	1.0S	1.5	250/1	1.0S	1.5
300/5	1.0S	1.5	300/1	1.0S	1.5
400/5	1.0S	2.5	400/1	1.0S	2.5
500/5	1.0S	2.5	500/1	1.0S	2.5

Outdoor cable-type current transformer Model FSCT30

5A/1A outdoor CE RoHS

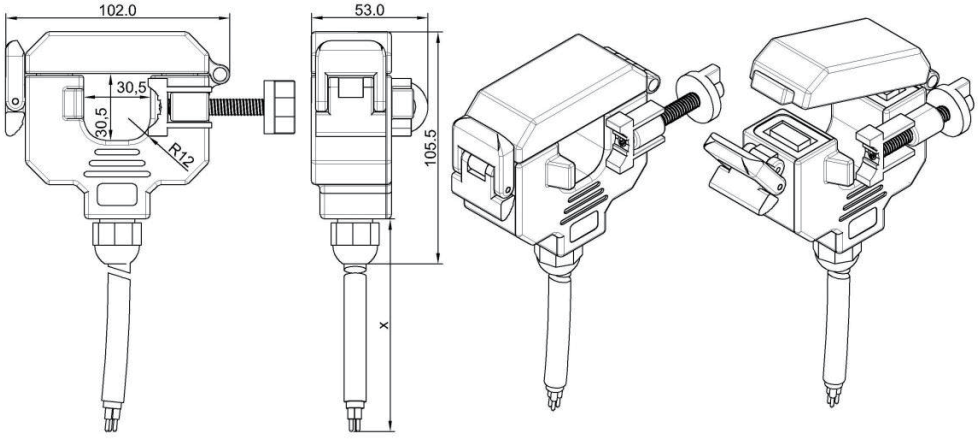
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~70℃
Operating humidity: ≤95%
Protection standard: GB/T 4208-2017: IP67
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

Applicable Scenario

·For outdoor use; level of protection: IP67
·Applicable cable specifications: φ30mm
·Applicable primary current: 100-500A
·Applicable secondary current: 5A/1A
·Applicable for cable for secondary connection, length customized

Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
100/5	3.0S	1.5	150/1	3.0S	1.5
200/5	3.0S	2.5	200/1	3.0S	2.5
250/5	1.0S	2.5	250/1	1.0S	2.5
300/5	1.0S	2.5	300/1	1.0S	2.5
400/5	1.0S	2.5	400/1	1.0S	2.5
500/5	0.5S	2.5	500/1	0.5S	2.5

Outdoor cable-type current transformer Model FSCT35

5A/1A outdoor CE RoHS

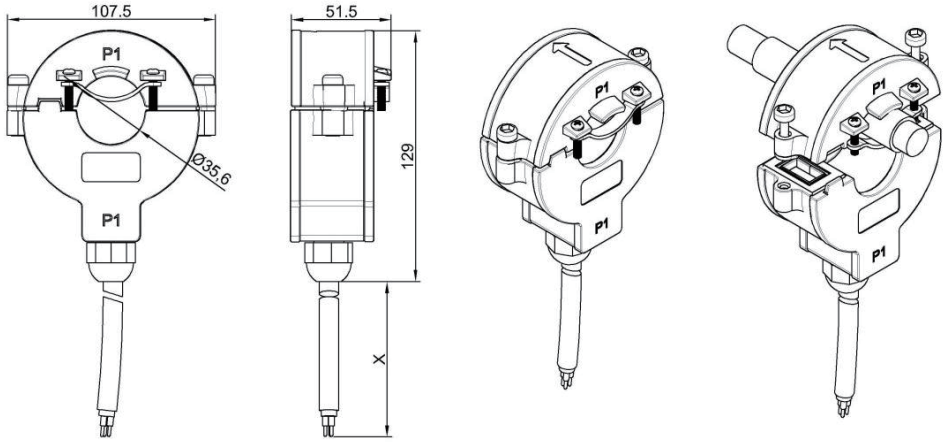
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~70℃
Operating humidity: ≤95%
Protection standard: GB/T 4208-2017: IP67
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

Applicable Scenario

·For outdoor use; level of protection: IP67
·Applicable cable specifications: φ35mm
·Applicable primary current: 100-600A
·Applicable secondary current: 5A/1A
·Applicable for cable for secondary connection, length customized

Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
100/5	3.0S	1.5	100/1	3.0S	1.5
200/5	3.0S	1.5	200/1	3.0S	1.5
300/5	1.0S	2.5	300/1	1.0S	2.5
400/5	1.0S	2.5	400/1	1.0S	2.5
500/5	0.5S	2.5	500/1	0.5S	2.5
600/5	0.5S	2.5	600/1	0.5S	2.5

Outdoor cable-type current transformer Model FSCT36

5A/1A outdoor CE RoHS

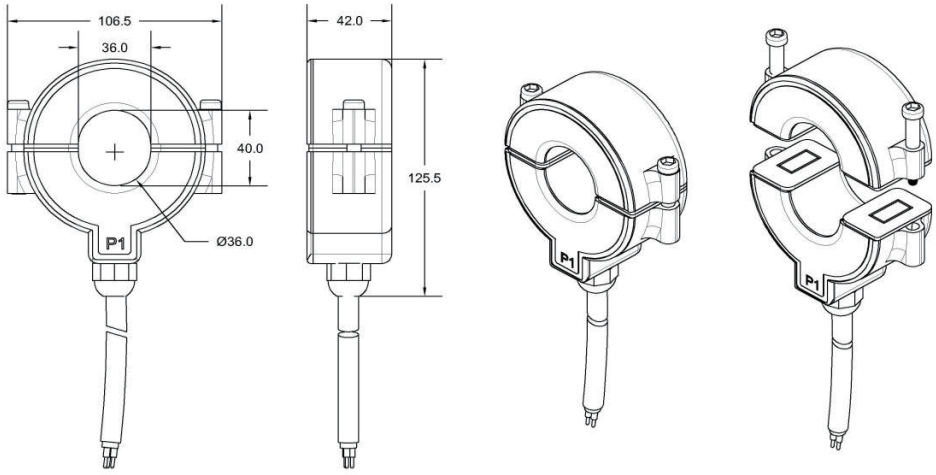
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~70℃
Operating humidity: ≤95%
Protection standard: GB/T 4208-2017: IP67
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

Applicable Scenario

·For outdoor use; level of protection: IP67
·Applicable cable specifications: φ36mm
·Applicable primary current: 100-600A
·Applicable secondary current: 5A/1A
·Applicable for cable for secondary connection, length customized

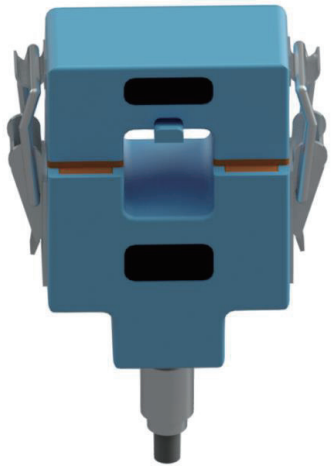
Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
100/5	3.0S	1.5	100/1	3.0S	1.5
200/5	3.0S	1.5	200/1	3.0S	1.5
300/5	1.0S	2.5	300/1	1.0S	2.5
400/5	0.5S	2.5	400/1	0.5S	2.5
500/5	0.5S	2.5	500/1	0.5S	2.5
600/5	0.5S	2.5	600/1	0.5S	2.5

Outdoor cable-type current transformer Model FSCT40



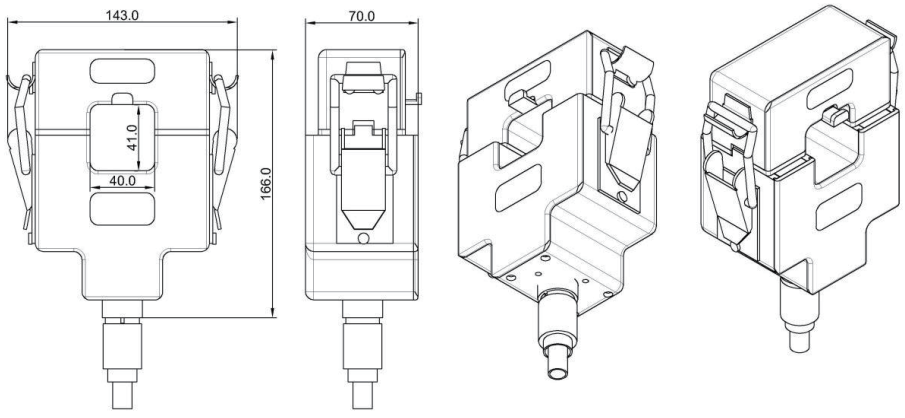
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~70℃
Operating humidity: ≤95%
Protection standard: GB/T 4208-2017: IP67
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
Reports obtained: The Experiment & Verification Center of China Electric Power Research Institute Co., Ltd. has issued a test report by referring to the provisions specified in the Enterprise Standard for Jiangsu Electric Power Companies entitling "Technical Specifications for Split core Low-voltage Current Transformers". Code: YD201903004

Applicable Scenario

·For outdoor use; level of protection: IP67
·Applicable cable specifications: φ40mm
·Applicable primary current: 100-600A
·Applicable secondary current: 5A/1A
·Applicable for secondary heavy loads
·Meet higher accuracy requirements
·Applicable for cable for secondary connection, length customized

Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
100/5	3.0S	1.5	100/1	3.0S	1.5
200/5	1.0S	1.5	200/1	1.0S	1.5
300/5	1.0S	2.5	300/1	1.0S	2.5
400/5	0.5S	2.5	400/1	0.5S	2.5
500/5	0.5S	2.5	500/1	0.5S	2.5
600/5	0.5S	5.0	600/1	0.5S	5.0

Outdoor cable-type current transformer Model FSCT50

5A/1A outdoor CE RoHS

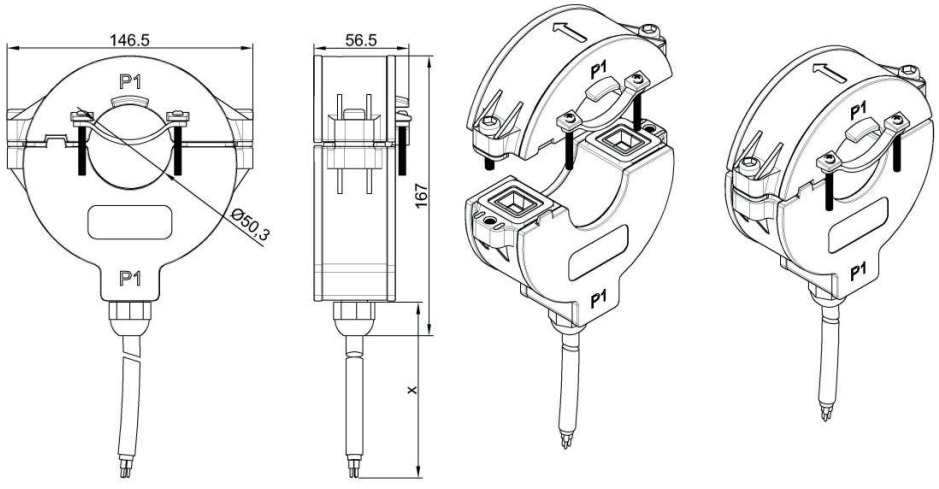
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~70℃
Operating humidity: ≤95%
Protection standard: GB/T 4208-2017: IP67
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

Applicable Scenario

·For outdoor use; level of protection: IP67
·Applicable cable specifications: φ50mm
·Applicable primary current: 600-1500A
·Applicable secondary current: 5A/1A
·Applicable for cable for secondary connection, length customized

Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
600/5	0.5S	2.5	600/1	0.5S	2.5
800/5	0.5S	2.5	600/1	0.5S	2.5
1000/5	0.5S	5.0	1000/1	0.5S	5.0
1200/5	0.5S	5.0	1200/1	0.5S	5.0
1500/5	0.5S	5.0	1500/1	0.5S	5.0

Outdoor cable-type current transformer Model FSCT60

5A/1A outdoor CE RoHS

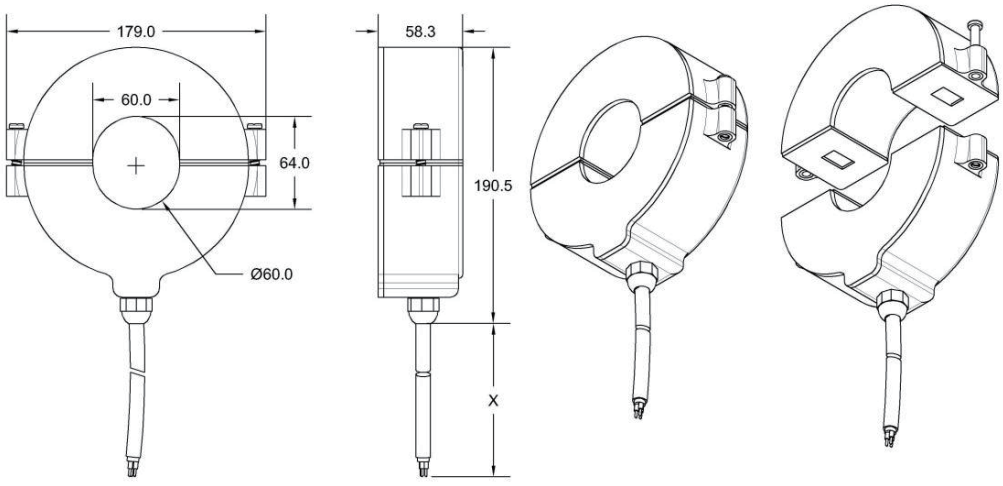
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~70℃
Operating humidity: ≤95%
Protection standard: GB/T 4208-2017: IP67
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

Applicable Scenario

·For outdoor use; level of protection: IP67
·Applicable cable specifications: φ60mm
·Applicable primary current: 600-3000A
·Applicable secondary current: 5A/1A
·Applicable for cable for secondary connection, length customized

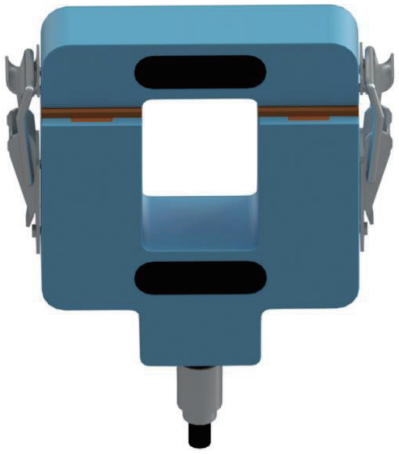
Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
600/5	0.5S	2.5	600/1	0.5S	2.5
1000/5	0.5S	5.0	1000/1	0.5S	5.0
1500/5	0.5S	5.0	1500/1	0.5S	5.0
2000/5	0.5S	10.0	2000/1	0.5S	10.0
2500/5	0.5S	10.0	2500/1	0.5S	10.0
3000/5	0.5S	20.0	3000/1	0.5S	20.0

Outdoor cable-type current transformer Model FSCT68



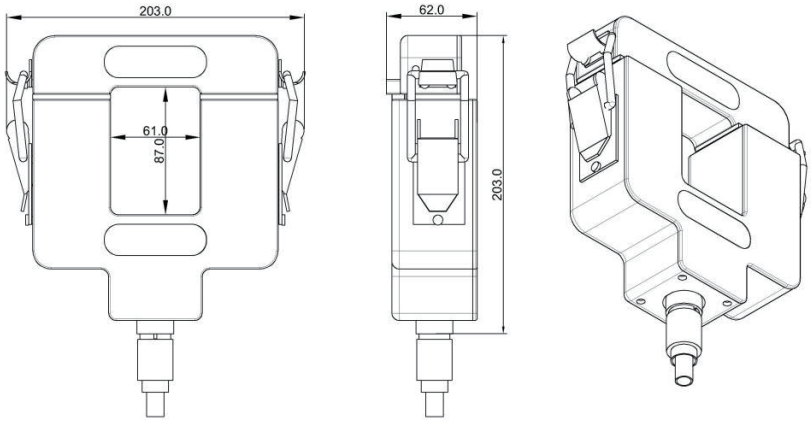
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~70℃
Operating humidity: ≤95%
Protection standard: GB/T 4208-2017: IP67
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
Reports obtained: The Experiment & Verification Center of China Electric Power Research Institute Co., Ltd. has issued a test report for the same series of product "FSCT40-600/5A" by referring to the provisions specified in the Enterprise Standard for Jiangsu Electric Power Companies entitling "Technical Specifications for split core Low-voltage Current Transformers".

Applicable Scenario

·For outdoor use; level of protection: IP67
·Applicable cable specifications: φ60mm
·Applicable primary current: 600-1500A
·Applicable secondary current: 5A/1A
·Applicable for secondary heavy loads
·Meet higher accuracy requirements
·Applicable for cable for secondary connection, length customized

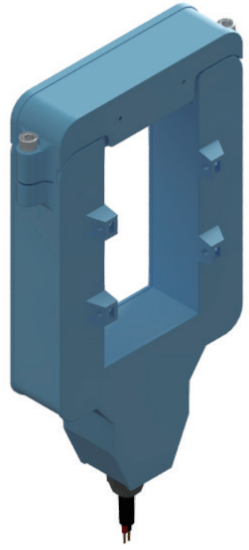
Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
600/5	0.5S	5.0	600/1	0.5S	5.0
800/5	0.5S	5.0	600/1	0.5S	5.0
1000/5	0.5S	5.0	1000/1	0.5S	5.0
1200/5	0.5S	5.0	1200/1	0.5S	5.0
1500/5	0.5S	5.0	1500/1	0.5S	5.0

Outdoor cable-type current transformer Model FSCT816



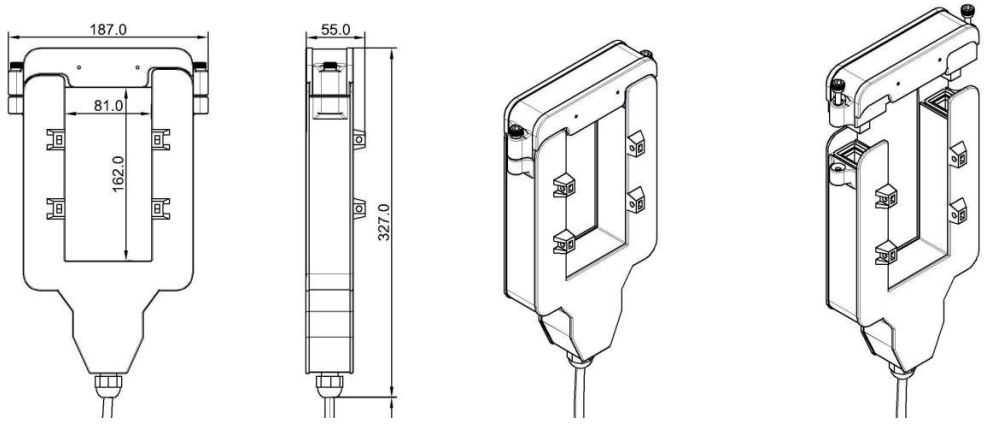
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~70℃
Operating humidity: ≤95%
Protection standard: GB/T 4208-2017: IP67
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
Reports obtained: The Experiment & Verification Center of China Electric Power Research Institute Co., Ltd. has issued a test report for the same series of product "FSCT40-600/5A" by referring to the provisions specified in the Enterprise Standard for Jiangsu Electric Power Companies entitling "Technical Specifications for split core Low-voltage Current Transformers".

Applicable Scenario

·For outdoor use; level of protection: IP67
·Applicable cable specifications: φ80mm
·Applicable primary current: 1000-2000A
·Applicable secondary current: 5A/1A
·Applicable for secondary heavy loads
·Meet higher accuracy requirements
·Applicable for cable for secondary connection, length customized

Reference Dimension

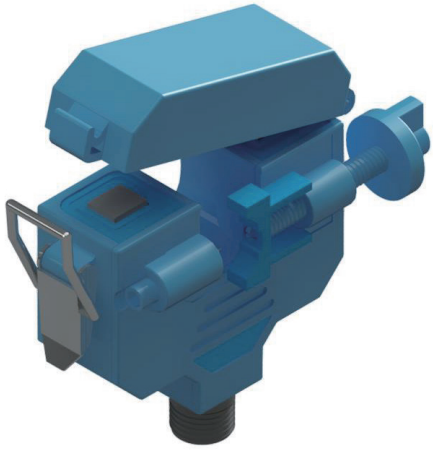


Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
1000/5	0.5S	5.0	1000/1	0.5S	5.0
1200/5	0.5S	5.0	1200/1	0.5S	5.0
1500/5	0.5S	5.0	1500/1	0.5S	5.0
2000/5	0.5S	5.0	2000/1	0.5S	5.0

Outdoor cable-type current transformer Model FSCT20

High accuracy level 0.5S



5A/1A outdoor CE RoHS

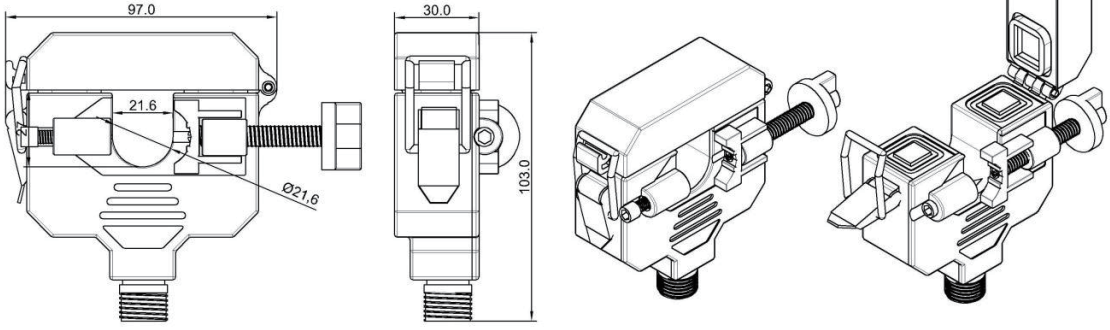
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~70℃
Operating humidity: ≤95%
Protection standard: GB/T 4208-2017: IP67
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012 CE
Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

Applicable Scenario

·For outdoor use; level of protection: IP67
·Applicable cable specifications: φ20mm
·Applicable primary current: 150-500A
·Applicable secondary current: 5A/1A
·Applicable for these Scenarios requiring electrical penetration to measure electricity
·Meet higher accuracy requirements

Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
100/1	0.5S	1m length, 0.75mm^2 hook wire	3000/1	0.5S	0.5VA
200/1	0.5S		350/1	0.5S	
250/1	0.5S		400/1	0.5S	

Outdoor cable-type current transformer Model FSCT30

High accuracy level 0.5S

5A/1A outdoor CE RoHS

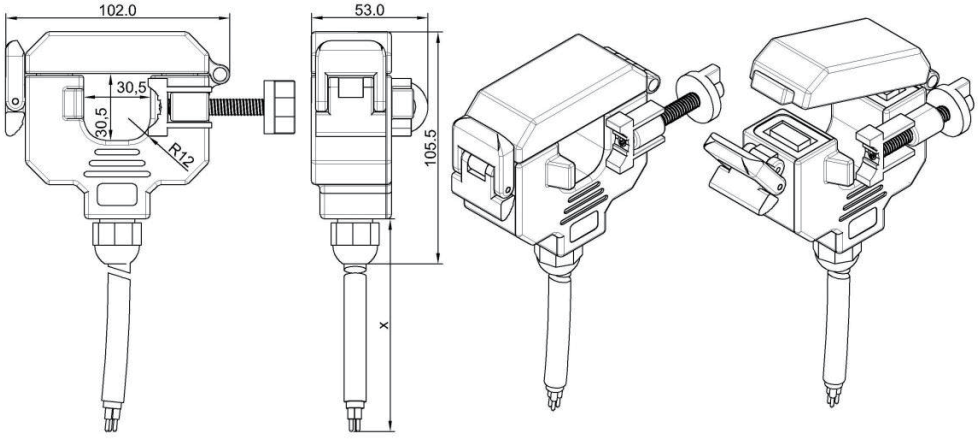
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~70℃
Operating humidity: ≤95%
Protection standard: GB/T 4208-2017: IP67
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

Applicable Scenario

·For outdoor use; level of protection: IP67
·Applicable cable specifications: φ30mm
·Applicable primary current: 100-500A
·Applicable secondary current: 5A/1A
·Applicable for cable for secondary connection, length customized

Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
80/1	0.5S	1m length, 1.5mm^2 hook wire	200/5	0.5S	1.5
250/1	0.5S		300/5	0.5S	
300/1	0.5S	2.5	350/5	0.5S	2.5
400/1	0.5S		400/5	0.5S	

Outdoor cable-type current transformer Model FSCT36

High accuracy level 0.5S

5A/1A outdoor CE RoHS

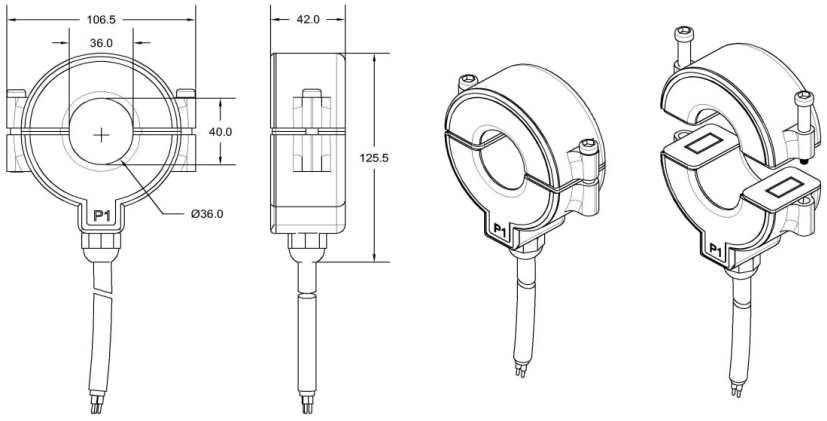
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~70℃
Operating humidity: ≤95%
Protection standard: GB/T 4208-2017: IP67
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

Applicable Scenario

·For outdoor use; level of protection: IP67
·Applicable cable specifications: φ36mm
·Applicable primary current: 100-600A
·Applicable secondary current: 5A/1A
·Applicable for cable for secondary connection, length customized

Reference Dimension



Reference Performance

Rated current ratio (A)	Accuracy level	Rated load (VA)	Rated current ratio (A)	Accuracy level	Rated load (VA)
80/1(X)	0.5S	1m length, 1.5mm² hook wire	200/5(X)	0.50	1.5VA
150/1(X)	0.5S		300/5(X)	0.50	
300/1(X)	0.5S	0.5VA	350/5(X)	0.5S	2.5VA
500/1(X)	0.5S		500/5(X)	0.5S	
50/1(D)	0.5S	1m length, 1.5mm² hook wire	100/5(D)	0.5S	1m length, 2.5mm² hook wire
150/1(D)	0.5S		150/5(D)	0.5S	1.5VA
200/1(D)	0.2S	0.5VA	200/5(D)	0.5S	
300/1(D)	0.2S		300/5(D)	0.5S	2.5VA
500/1(D)	0.2S		500/5(D)	0.5S	

Indoor cable-type current transformer Model XH-SCT-T06

mA/mV indoor CE RoHS UKCA c UL us E 498920

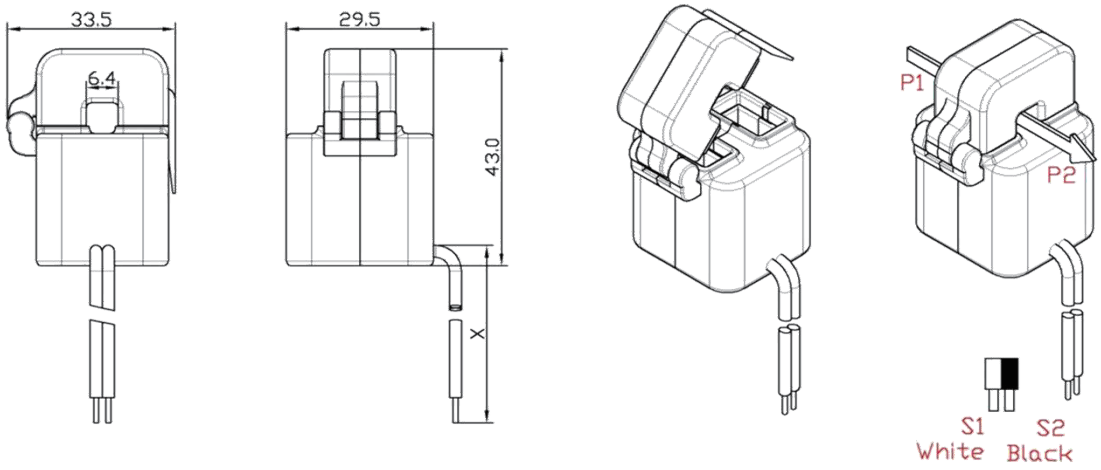
Applicable Standards

Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive; Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility
UL Certification: Code: E498920; Reference standards: UL2808, CSA-C22.2 No. 61010-1-12

Applicable Scenario

·For indoor use, higher insulation category
·Applicable cable specifications: φ06mm
·Applicable primary current: 50-80A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

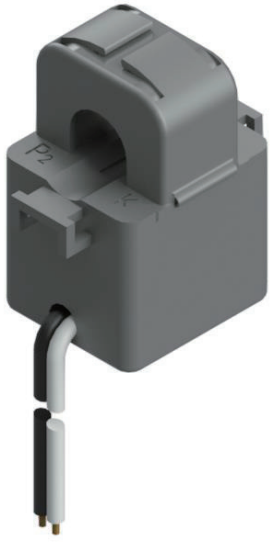
Reference Dimension



Reference Performance

Model	XH-SCT-T06-80A/26.6mA	XH-SCT-T06-80A/0.333mA
Current ratio	80A/26.6mA	80A/0.333mA
Current range	0.8-80A (RL=10Ω)	0.8-80A (RL=10Ω)
Maximum current	100A	
Over-voltage protection	6.8V OR 12V	
Rated phase error	+1.5±1°	
Rated ratio error	-1±1%	
Insulation category	CAT III 250	

Indoor cable-type current transformer Model XH-SCT-T10A



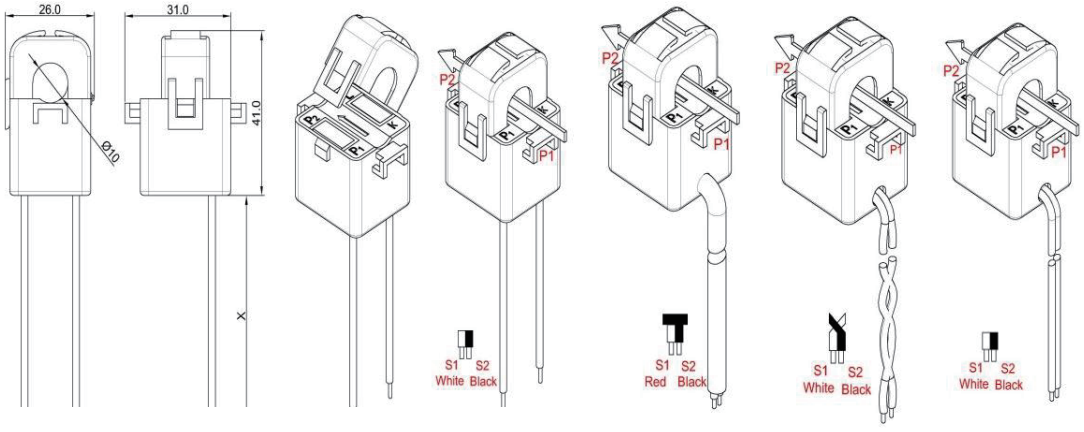
Applicable Standards

Voltage level: 0.4/0.66/0.72KV
Withstand voltage level: 2KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive; Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility
UL Certification: Code: E341727; Reference standards: IEEE C57.13, CAN/CSA-C61869-1, CAN/CSA-C61869-2

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ10mm
·Applicable primary current: 50-80A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

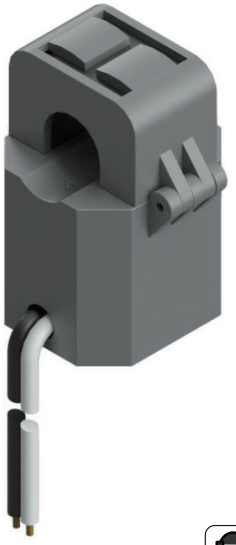
Reference Dimension



Reference Performance

Model	XH-SCT-T10A-80A/26.6mA	XH-SCT-T10A-80A/0.333mA
Current ratio	80A/26.6mA	80A/0.333mA
Current range	0.8-80A (RL=10Ω)	0.8-80A (RL=10Ω)
Maximum current	100A	
Over-voltage protection	6.8V OR 12V	
Rated phase error	+1.5±1°	
Rated ratio error	-1±1%	

Indoor cable-type current transformer Model XH-SCT-T10B



mA/mV indoor

CE RoHS UKCA c UL us E 341727 c UL us E 498920

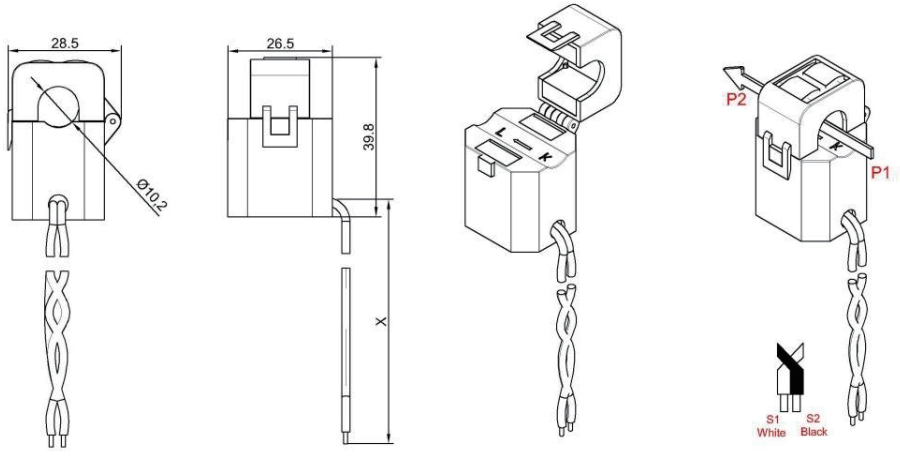
Applicable Standards

Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility
UL Certification 1: Code: E341727; Reference standards: IEEE C57.13, CAN/CSA-C61869-1, CAN/CSA-C61869-2
UL Certification 2: Code: E498920; Reference standards: UL2808, CSA-C22.2 No. 61010-1-12

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ10mm
·Applicable primary current: 50-80A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

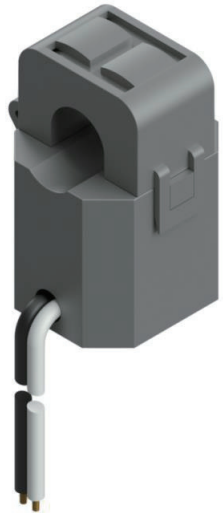
Reference Dimension



Reference Performance

Model	XH-SCT-T10B-80A/26.6mA	XH-SCT-T10B-80A/0.333mA
Current ratio	80A/26.6mA	80A/0.333mA
Current range	0.8-80A (RL=10Ω)	0.8-80A (RL=10Ω)
Maximum current	100A	100A
Over-voltage protection	6.8V OR 12V	
Rated phase error	+1.5±1°	
Rated ratio error	-1±1%	
Insulation category	CAT III 250	

Indoor cable-type current transformer Model XH-SCT-T10C



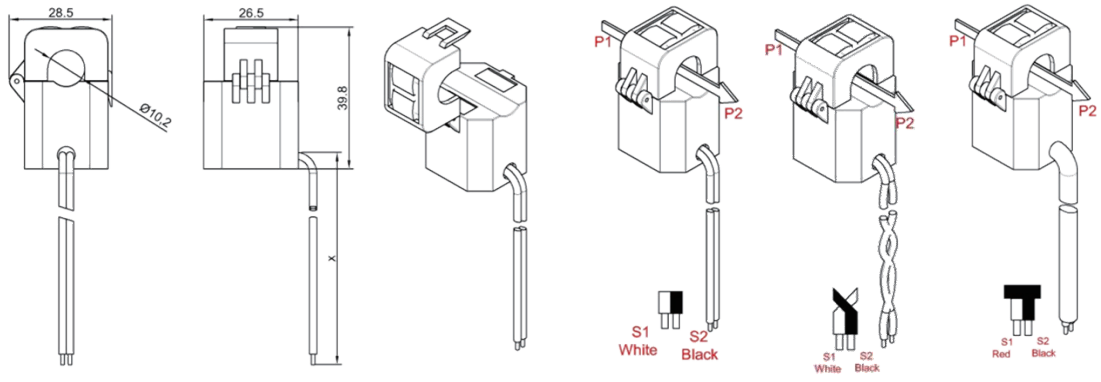
Applicable Standards

Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility
UL Certification 1: Code: E341727; Reference standards: IEEE C57.13, CAN/CSA-C61869-1, CAN/CSA-C61869-2
UL Certification 2: Code: E498920; Reference standards: UL2808, CSA-C22.2 No. 61010-1-12

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ10mm
·Applicable primary current: 50-80A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

Reference Dimension



Reference Performance

Model	XH-SCT-T10C-80A/26.6mA	XH-SCT-T10C-80A/0.333mA
Current ratio	80A/26.6mA	80A/0.333mA
Current range	0.8-80A (RL=10Ω)	0.8-80A (RL=10Ω)
Maximum current	100A	100A
Over-voltage protection	6.8V OR 12V	
Rated phase error	+1.5±1˚	
Rated ratio error	-1±1%	
Insulation category	CAT III 250	

Indoor cable-type current transformer Model XH-SCT-T12

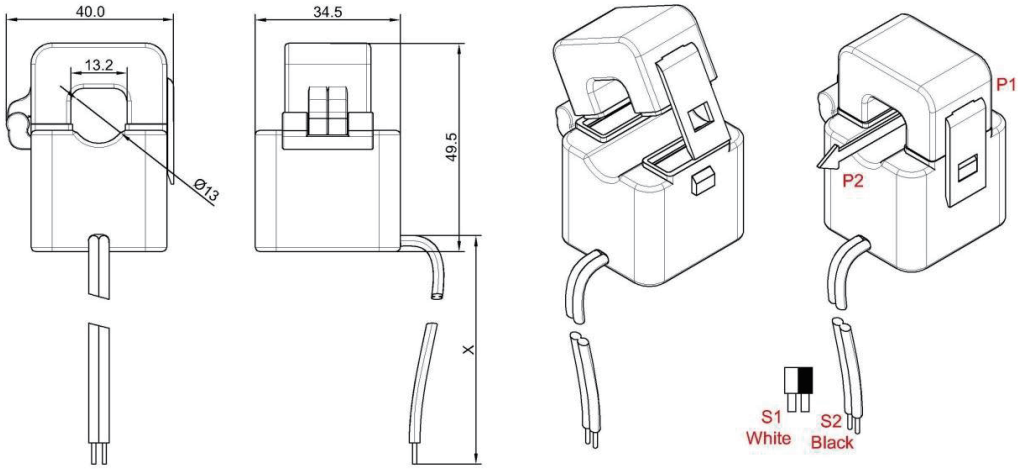
Applicable Standards

Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility
UL Certification: Code: E498920; Reference standards: UL2808, CSA-C22.2 No. 61010-1-12

Applicable Scenario

·For indoor use, higher insulation category
·Applicable cable specifications: φ12mm
·Applicable primary current: 50-120A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

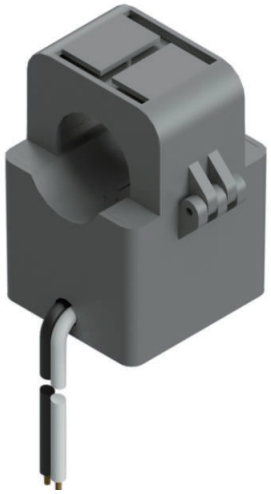
Reference Dimension



Reference Performance

Model	XH-SCT-T12-100A/33.3mA	XH-SCT-T12-120A/0.333mA
Current ratio	100A/33.3mA	120A/0.333mA
Current range	1-100A (RL=10Ω)	1.2-120A (RL=10Ω)
Maximum current	120A	144A
Over-voltage protection	6.8V OR 12V	
Rated phase error	+1.5±1°	
Rated ratio error	-1±1%	
Insulation category	CAT III 250	

Indoor cable-type current transformer Model XH-SCT-T16



mA/mV indoor CE RoHS UKCA cULus E 341727

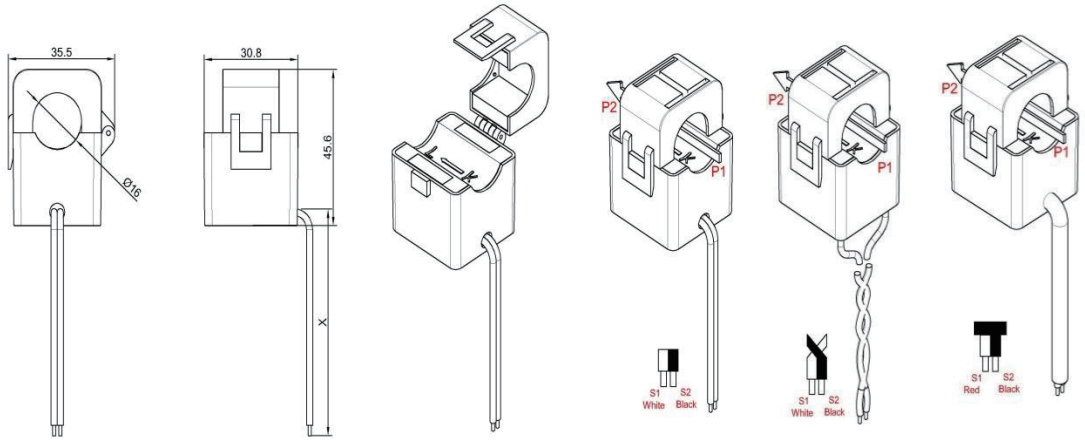
Applicable Standards

Voltage level: 0.4/0.66/0.72KV
Withstand voltage level: 2KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility
UL Certification: Code: E341727; Reference standards: IEEE C57.13, CAN/CSA-C61869-1, CAN/CSA-C61869-2

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ16mm
·Applicable primary current: 50-120A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

Reference Dimension



Reference Performance

Model	XH-SCT-T16-100A/33.3mA	XH-SCT-T16-120A/0.333mA
Current ratio	100A/33.3mA	120A/0.333mA
Current range	1-100A (RL=10Ω)	1.2-120A (RL=10Ω)
Maximum current	120A	144A
Over-voltage protection	6.8V OR 12V	
Rated phase error	+1.5±1°	
Rated ratio error	-1±1%	

Indoor cable-type current transformer Model XH-SCT-T18

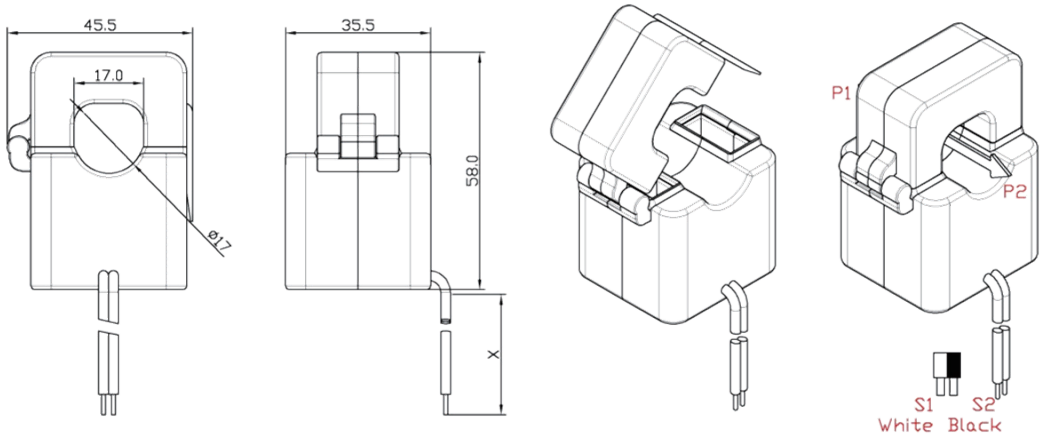
Applicable Standards

Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility
UL Certification: Code: E498920; Reference standards: UL2808, CSA-C22.2 No. 61010-1-12

Applicable Scenario

·For indoor use, higher insulation category
·Applicable cable specifications: φ17mm
·Applicable primary current: 50-120A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

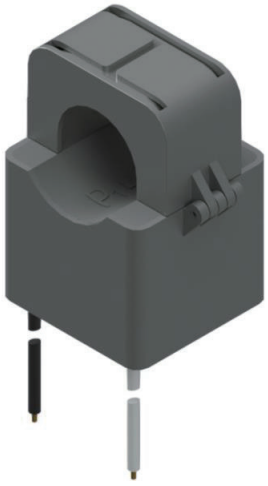
Reference Dimension



Reference Performance

Model	XH-SCT-T18-50A/25mA	XH-SCT-T18-120A/40mA	XH-SCT-T18-200A/66.6mA
Current ratio	50A/25mA	120A/40mA	200A/66.6mA
Current range	0.5-50A (RL=10Ω)	1.2-120A (RL=10Ω)	2-200A (RL=10Ω)
Maximum current	60A	144A	240A
Over-voltage protection	6.8V OR 12V		
Rated phase error	+1.5±1°		
Rated ratio error	-1±1%		
Insulation category	CAT III 250		

Indoor cable-type current transformer Model XH-SCT-T20A



mA/mV indoor CE RoHS UKCA

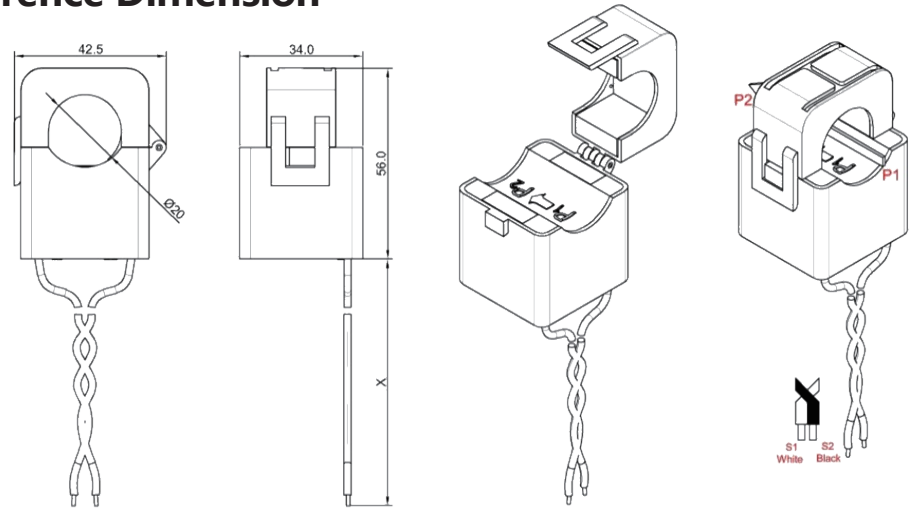
Applicable Standards

Voltage level: 0.3/0.66/0.72KV
Withstand voltage level: 2KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ20mm
·Applicable primary current: 50-200A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

Reference Dimension



Reference Performance

Model	XH-SCT-T20-50A/25mA	XH-SCT-T20-120A/40mA	XH-SCT-T20-200A/66.6mA
Current ratio	50A/25mA	120A/40mA	200A/66.6mA
Current range	0.5-50A (RL=10Ω)	1.2-120A (RL=10Ω)	2-200A (RL=10Ω)
Maximum current	60A	144A	240A
Over-voltage protection	6.8V OR 12V		
Rated phase error	+1.5±1°		
Rated ratio error	-1±1%		

Indoor cable-type current transformer Model XH-SCT-T20B

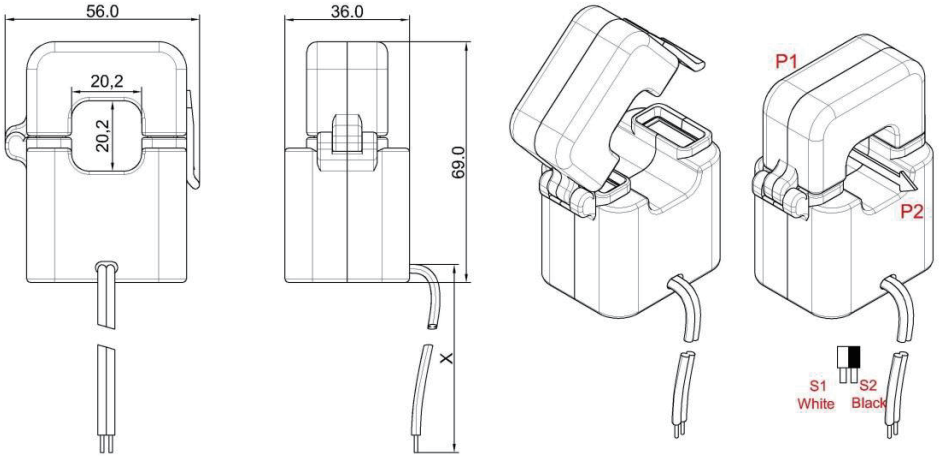
Applicable Standards

Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility
UL Certification: Code: E498920; Reference standards: UL2808, CSA-C22.2 No. 61010-1-12

Applicable Scenario

·For indoor use, higher insulation category
·Applicable cable specifications: φ20mm
·Applicable primary current: 200-300A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

Reference Dimension



Reference Performance

Current ratio	200A/200mA	200A/66.6mA	300A/150mA	300A/100mA	50\100\150 \200\300A/333mV
Current range	2-200A (10Ω)		3-300A (10Ω)		0.5-300A
Maximum current	300A		360A		360A
Over-voltage protection	6.8V OR 12V				
Rated phase error	+0.5±1°	+0.5±1°	+0.5±1°	+0.5±1°	+1.5±1°
Rated ratio error	±0.5%				±1%
Insulation category	CAT IV 250 or CAT III 600				

Indoor cable-type current transformer Model XH-SCT-T24

mA/mV indoor CE RoHS UKCA cULus E 341727

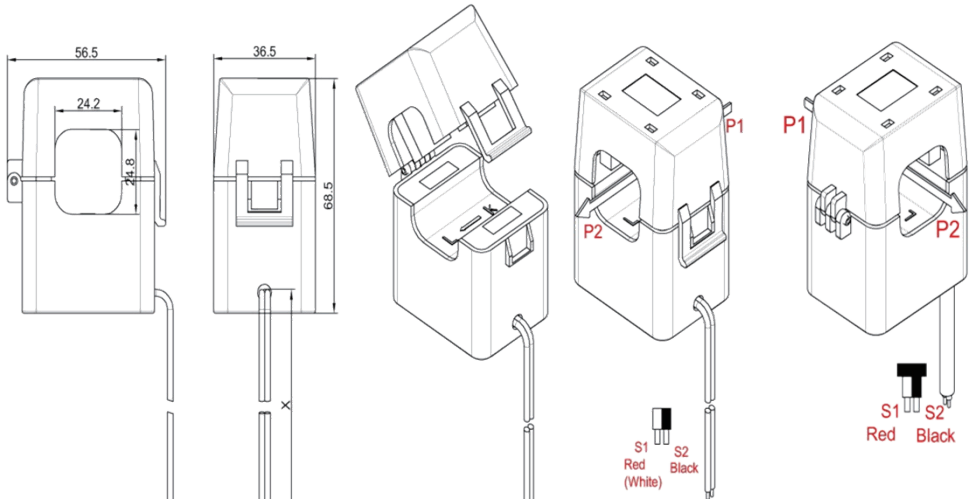
Applicable Standards

Voltage level: 0.4/0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive; Compliant with EN 61000-6-3 and EN IEC 61000-6-1for electromagnetic compatibility
UL Certification: Code: E341727; Reference standards: IEEE C57.13, CAN/CSA-C61869-1, CAN/CSA-C61869-2

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ24mm
·Applicable primary current: 200-300A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

Reference Dimension



Reference Performance

Current ratio	200A/200mA	200A/66.6mA	300A/150mA	300A/100mA	50\100\150 \200\300A/333mV
Current range	2-200A (10Ω)		3-300A (10Ω)		0.5-300A
Maximum current	300A		360A		360A
Over-voltage protection	6.8V OR 12V				
Rated phase error	+0.5±1˚	+0.5±1˚	+0.5±1˚	+0.5±1˚	+1.5±1˚
Rated ratio error	±0.5%				±1%

Indoor cable-type current transformer Model XH-SCT-T36

mA/mV indoor CE RoHS UKCA c UL us E 341727

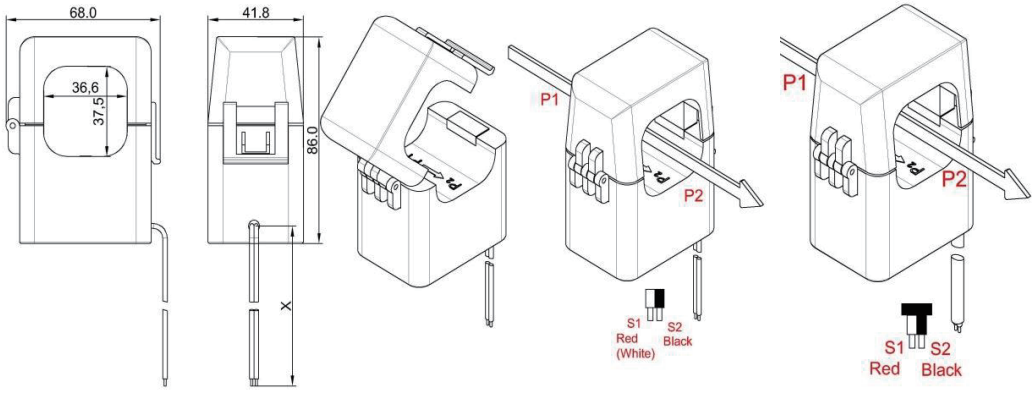
Applicable Standards

Voltage level: 0.4/0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility
UL Certification: Code: E341727; Reference standards: IEEE C57.13, CAN/CSA-C61869-1, CAN/CSA-C61869-2

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ36mm
·Applicable primary current: 200-500A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

Reference Dimension



Reference Performance

Current ratio	200A/200mA	400A/200mA	500A/250mA	500A/166.6mA	200\300\400 \500A/333mV
Current range	2-200A (10Ω)	4-400A (10Ω)	5-500A (10Ω)		2-500A
Maximum current	240A	480A	600A		600A
Over-voltage protection	6.8V OR 12V				
Rated phase error	+0.5±0.5°				+0.25±0.25°
Rated ratio error	±0.5%				±1%
Insulation category	CAT IV 250 or CAT III 600				

Indoor cable-type current transformer Model XH-SCT-T50

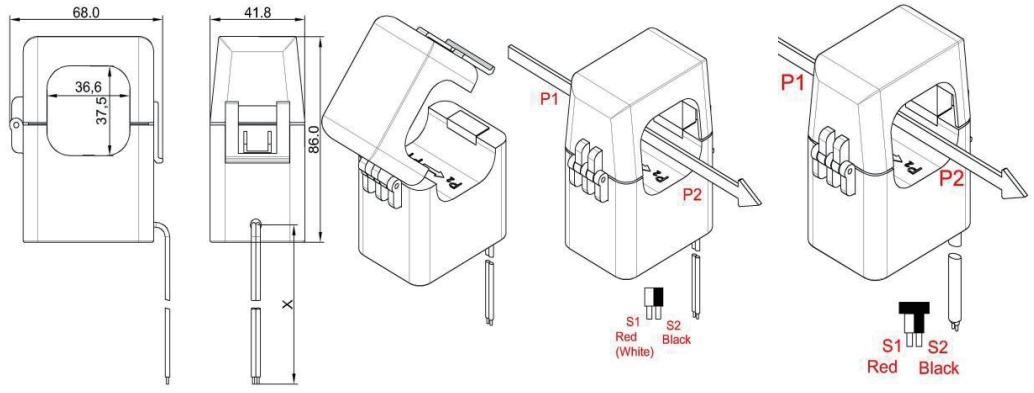
Applicable Standards

Voltage level: 0.4/0.66/0.72KV
Withstand voltage level: 3KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility
UL Certification: Code: E341727; Reference standards: IEEE C57.13, CAN/CSA-C61869-1, CAN/CSA-C61869-2

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ50mm
·Applicable primary current: 600-1200A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

Reference Dimension



Reference Performance

Current ratio	600A/300mA	800A/400mA	1000A/333mA	1200A/400mA	600\800\1000 \1200A/333mV
Current range	6-600A (10Ω)	8-800A (10Ω)	10-1000A (10Ω)	12-1200A (10Ω)	6-1200A
Maximum current	720A	960A	1200A	1440A	1440A
Over-voltage protection	6.8V OR 12V				
Rated phase error	+0.25±0.25°				+0.25±0.25°
Rated ratio error	±0.5%				±1%
Insulation category	CAT IV 250 or CAT III 600				

Indoor cable-type current transformer

Model SCT-O24

mA/mV indoor RoHS

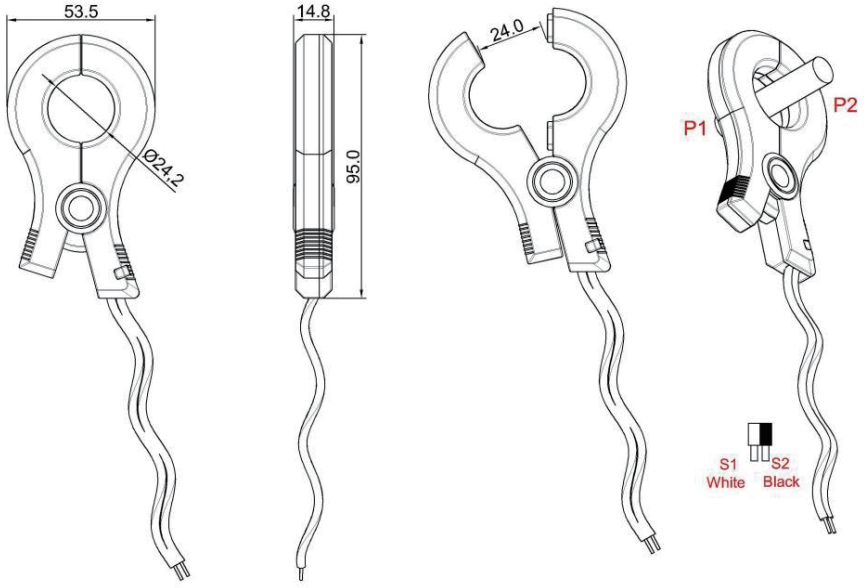
Applicable Standards

Voltage level: 0.3/0.66/0.72KV
Withstand voltage level: 3.0KV/1min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ24mm
·Applicable primary current: 50-200A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

Reference Dimension



Reference Performance

Current ratio	50A/25mA	200A/100mA	50\100\150\200A/333mV
Current range	0.5-50A (RL=10Ω)	2-200A (RL=10Ω)	0.5-200A
Maximum current	200A	240A	240A
Rated phase error	+1.5±0.5˚		
Rated ratio error	±0.5%		

Indoor cable-type current transformer Model SCT-O25

mA/mV indoor

CE RoHS UKCA c UL us E 341727 c UL us E 498920

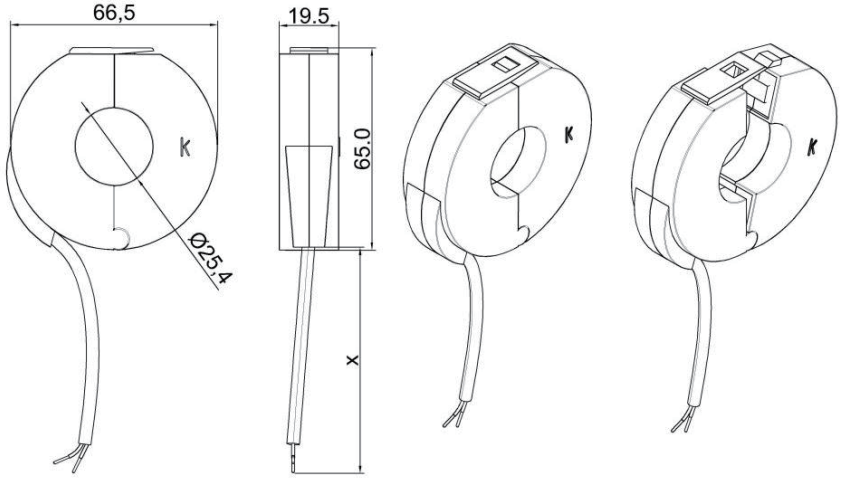
Applicable Standards

Voltage level: 0.3/0.66/0.72KV
Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility
UL Certification 1: Code: E341727; Reference standards: IEEE C57.13, CAN/CSA-C61869-1, CAN/CSA-C61869-2
UL Certification 2: Code: E498920; Reference standards: UL2808, CSA C22.2 No. 61010-1-12

Applicable Scenario

·For indoor use, higher insulation category
·Applicable cable specifications: φ25mm
·Applicable primary current: 50-200A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

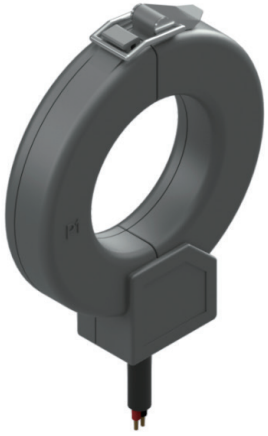
Reference Dimension



Reference Performance

Current ratio	50A/25mA	100A/33.3mA	150A/50mA	200A/100mA	50\100\150 200A/333mV
Current range	0.5-50A (10Ω)	1.0- 100A (10Ω)	1.5-150A (10Ω)	2-100A (10Ω)	0.5- 200A
Maximum current	60A	120A	180A	240A	240A
Over-voltage protection	6.8V OR 12V				
Rated phase error	+1.0±1°				
Rated ratio error	±0.5%				
Insulation category	CAT IV 250 or CAT III 600				

Indoor cable-type current transformer Model SCT-O70



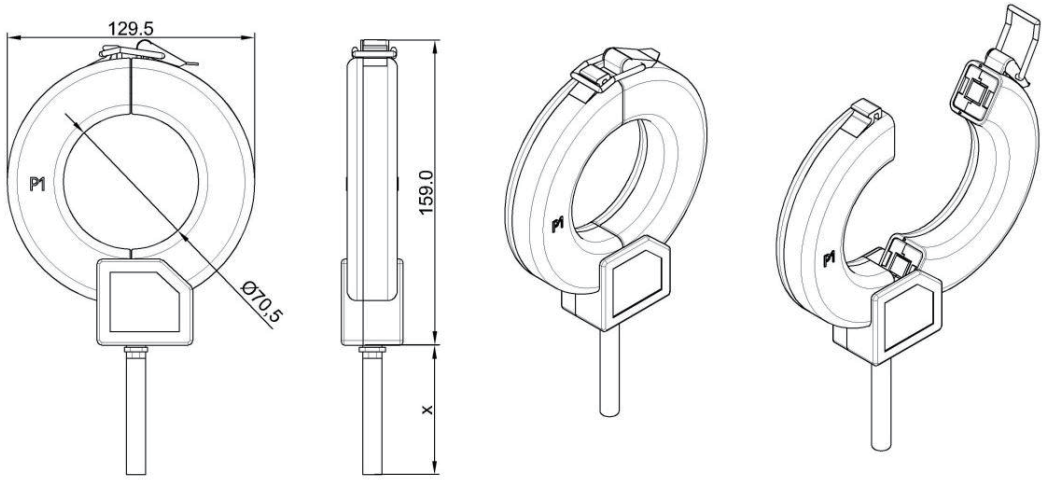
Applicable Standards

Voltage level: 0.3/0.66/0.72KV
Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility
UL Certification : Code: E341727; Reference standards: IEEE C57.13, CAN/CSA-C61869-1, CAN/CSA-C61869-2

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ70mm
·Applicable primary current: 500-1000A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

Reference Dimension



Reference Performance

Current ratio	500A/250mA	600A/200mA	800A/400mA	1000A/1000mA	500\600\800 1000A/333mV
Current range	5-500A (10Ω)	6-600A (10Ω)	8-800A (10Ω)	10-1000A (10Ω)	5-1000A
Maximum current	600A	720A	1000A	1200A	1200A
Over-voltage protection	6.8V OR 12V				
Rated phase error	+0.5±0.5˚				
Rated ratio error	±0.5%				

Indoor cable-type current transformer Model SCT-0750

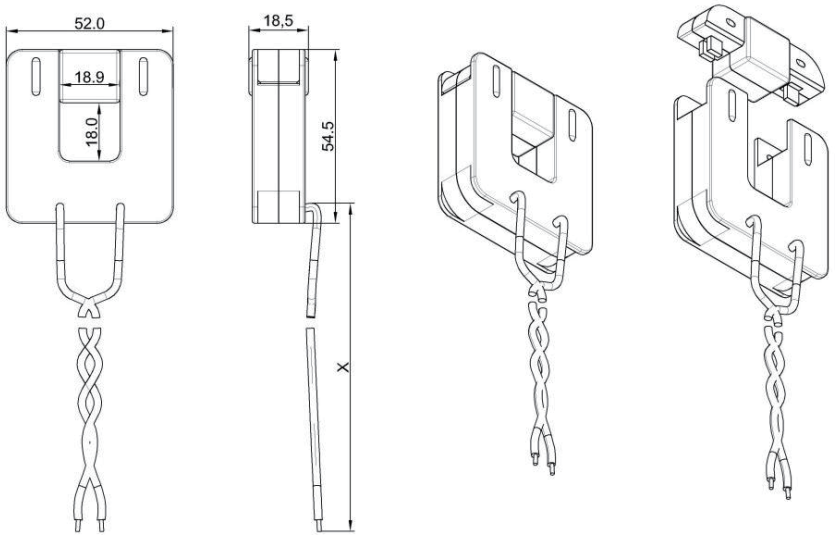
Applicable Standards

Voltage level: 0.3/0.66/0.72KV
Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
UL Certification 1: Code: E341727; Reference standards: IEEE C57.13, CAN/CSA-C61869-1, CAN/CSA-C61869-2
UL Certification 2: Code: E498920; Reference standards: UL2808, CSA-C22.2 No. 61010-1-12

Applicable Scenario

·For indoor use, higher insulation category
·Applicable cable specifications: φ19mm
·Applicable primary current: 50-150A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

Reference Dimension



Reference Performance

Current ratio	50A/25mA	100A/33.3mA	150A/50mA	50\100\150A/333mV
Current range	0.5-50A (10Ω)	1.0- 100A (10Ω)	1.5-150A (10Ω)	0.5- 200A
Maximum current	60A	120A	180A	
Over-voltage protection	6.8V OR 12V			
Rated phase error	+1.0±1°			
Rated ratio error	±0.5%			
Insulation category	CAT IV 250 or CAT III 600			

Indoor cable-type current transformer Model SCT-1250

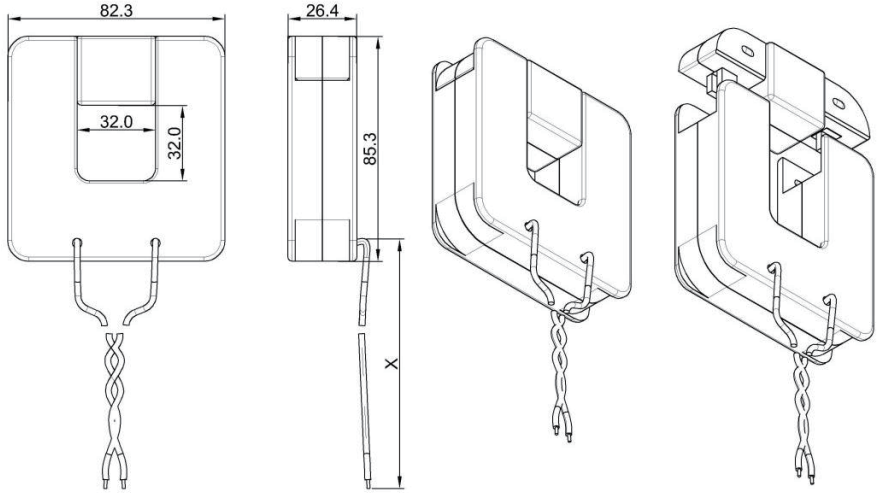
Applicable Standards

Voltage level: 0.3/0.66/0.72KV
Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
UL Certification 1: Code: E341727; Reference standards: IEEE C57.13, CAN/CSA-C61869-1, CAN/CSA-C61869-2
UL Certification 2: Code: E498920; Reference standards: UL2808, CSA-C22.2 No. 61010-1-12

Applicable Scenario

·For indoor use, higher insulation category
·Applicable cable specifications: φ32mm
·Applicable primary current: 150-600A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

Reference Dimension



Reference Performance

Current ratio	150A/50mA	250A/33.3mA	400A/50mA	600A/100mA	150\250\400 600A/333mV
Current range	1.5-150A (10Ω)	2.5- 250A (10Ω)	4-400A (10Ω)	6-600A (10Ω)	1.5- 600A
Maximum current	180A	3000A	480A	720A	720A
Over-voltage protection	6.8V OR 12V				
Rated phase error	+0.5±0.5°				
Rated ratio error	±0.5%				
Insulation category	CAT IV 250 or CAT III 600				

Indoor cable-type current transformer Model SCT-2000

mA/mV indoor E 341727 E 498920

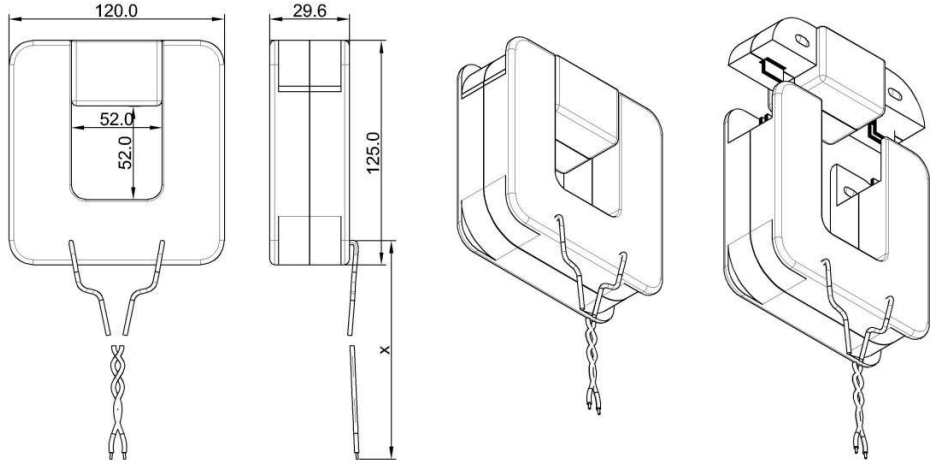
Applicable Standards

Voltage level: 0.3/0.66/0.72KV
Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
UL Certification 1: Code: E341727; Reference standards: IEEE C57.13, CAN/CSA-C61869-1, CAN/CSA-C61869-2
UL Certification 2: Code: E498920; Reference standards: UL2808, CSA-C22.2 No. 61010-1-12

Applicable Scenario

·For indoor use, higher insulation category
·Applicable cable specifications: φ52mm
·Applicable primary current: 600-1000A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

Reference Dimension



Reference Performance

Current ratio	600A/200mA	800A/200mA	1000A/200mA	600\800\1000A/333mV
Current range	6.0-600A (10Ω)	8.0- 800A (10Ω)	10-1000A (10Ω)	0.6- 1000A
Maximum current	720A	960A	1200A	1200A
Over-voltage protection	6.8V OR 12V			
Rated phase error	±0.5°			
Rated ratio error	±0.5%			
Insulation category	CAT IV 250 or CAT III 600			

Indoor cable-type current transformer Model SCT-3000

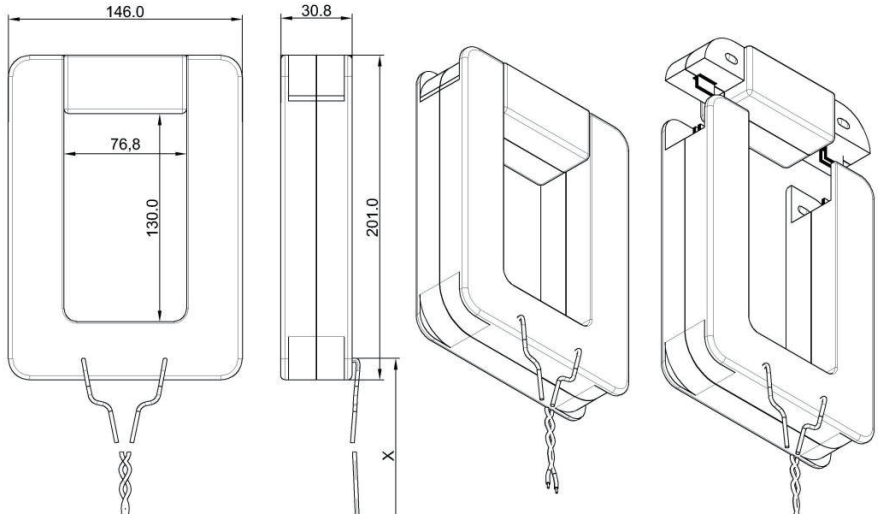
Applicable Standards

Rated frequency: 50/60HZ
Operating temperature: -40℃~55℃
CE & UKCA Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive;
Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility
UL Certification: Code: E498920; Reference standards: UL2808, CSA-C22.2 No. 61010-1-12

Applicable Scenario

·For indoor use, higher insulation category
·Applicable cable specifications: φ76mm
·Applicable primary current: 1000-2000A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

Reference Dimension



Reference Performance

Current ratio	1000A/200mA	1500A/300mA	2000A/400mA	1000\1500\2000A/333mV
Current range	10-1000A (10Ω)	15- 1500A (10Ω)	20-2000A (10Ω)	20- 2000A
Maximum current	1200A	1800A	2400A	2400A
Over-voltage protection	6.8V OR 12V			
Rated phase error	±0.5˚			
Rated ratio error	±0.5%			
Insulation category	CAT IV 250 or CAT III 600			

Indoor cable-type current transformer Model SCT-5000

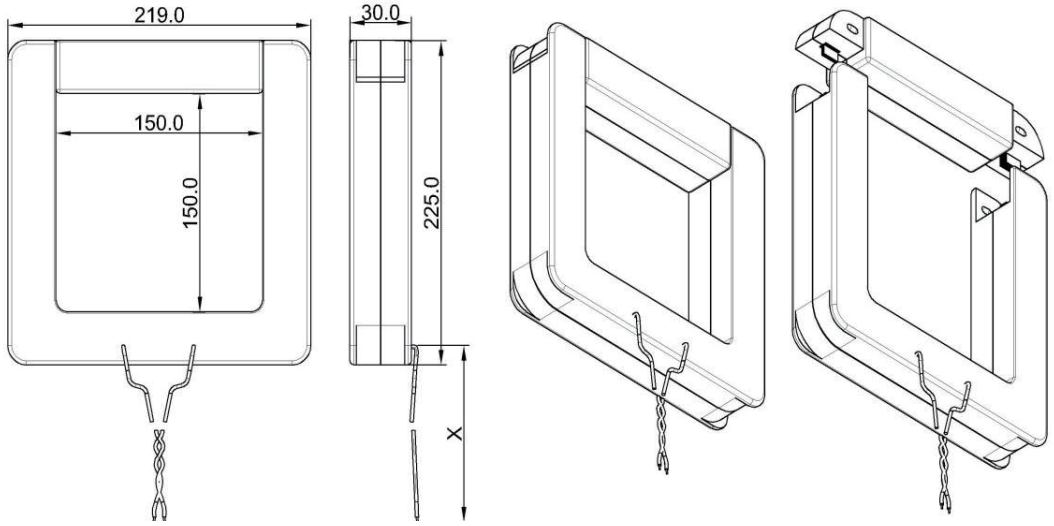
Applicable Standards

Voltage level: 0.3/0.66/0.72KV
Withstand voltage level: 3.0KV/1min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ150mm
·Applicable primary current: 2000-3000A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

Reference Dimension



Reference Performance

Current ratio	2000A/400mA	3000A/600mA	2000\3000A/333mV
Current range	20-2000A (RL=10Ω)	30- 3000A (RL=10Ω)	20- 3000A
Maximum current	2400A	3600A	3600A
Rated phase error	±0.5°		
Rated ratio error	±0.5%		

Indoor cable-type current transformer Model SCT-0750S

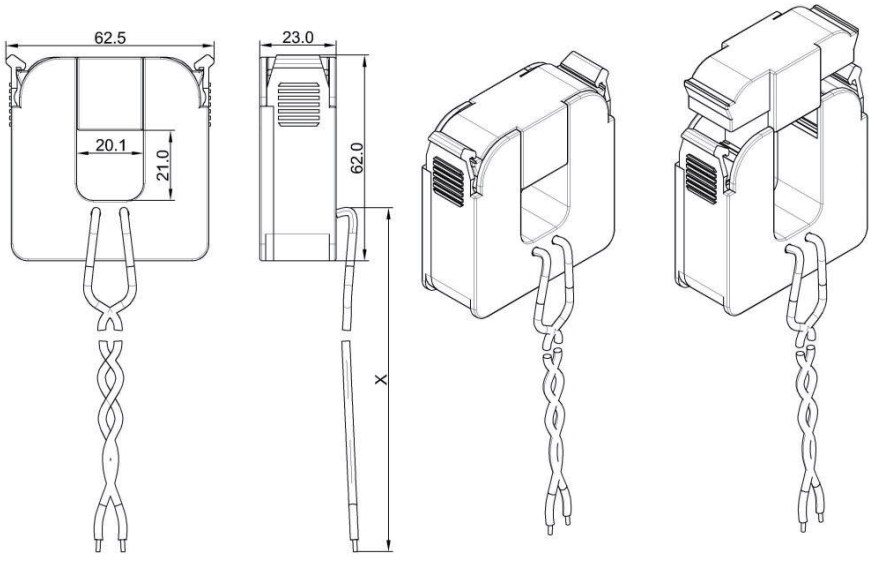
Applicable Standards

Voltage level: 0.66/0.75KV
Withstand voltage level: 3.0KV/1min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃

Applicable Scenario

·For indoor use
·Applicable for the upgraded version of SCT0750 Series, with higher accuracy
·Applicable cable specifications: φ20mm
·Applicable primary current: 200-300A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

Reference Dimension



Reference Performance

Current ratio	200A/50mA	300A/50mA	200\300A/333mV
Current range	2.0-200A (RL=10Ω)	3- 300A (RL=10Ω)	2.0- 300A
Maximum current	240A	360A	360A
Rated phase error	±0.5°		
Rated ratio error	±0.5%		

Indoor cable-type current transformer Model SCT-1250S

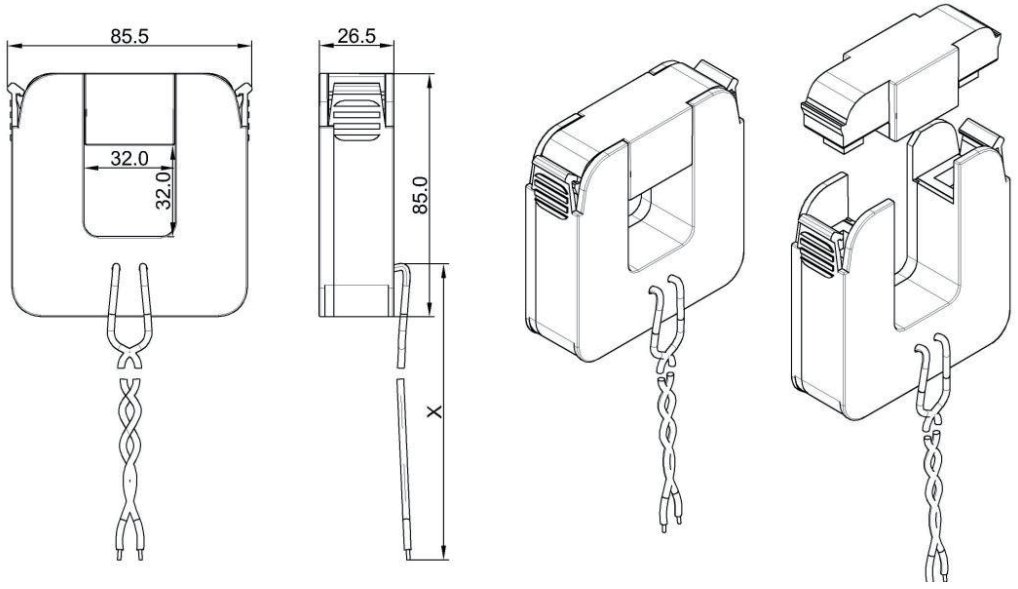
Applicable Standards

Voltage level: 0.66/0.75KV
Withstand voltage level: 3.0KV/1min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ32mm
·Applicable primary current: 400-600A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

Reference Dimension



Reference Performance

Current ratio	400A/80mA	600A/100mA	400\600A/333mV
Current range	4.0-400A (RL=10Ω)	6- 600A (RL=10Ω)	4.0- 600A
Maximum current	480A	720A	720A
Rated phase error	±0.5°		
Rated ratio error	±0.5%		

Indoor cable-type current transformer Model SCT-2000S

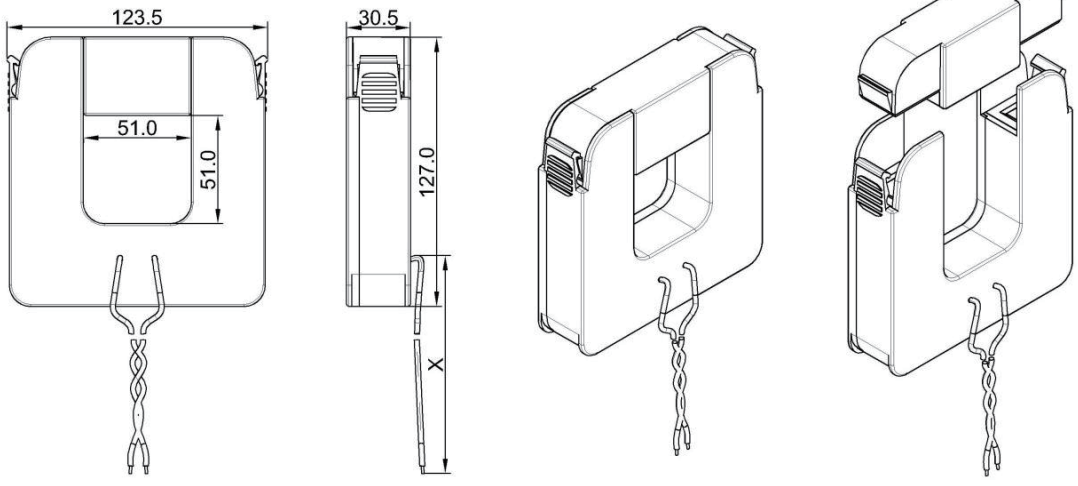
Applicable Standards

Voltage level: 0.66/0.75KV
Withstand voltage level: 3.0KV/1min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ50mm
·Applicable primary current: 600-1200A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

Reference Dimension



Reference Performance

Current ratio	800A/160mA	1000A/200mA	1200A/200mA	800\1000\1200A /333mV
Current range	8.0-800A (RL=10Ω)	10- 1000A (RL=10Ω)	30- 3000A (RL=10Ω)	8.0- 1200A
Maximum current	960A	1200A	1440A	1440A
Rated phase error	±0.5°			
Rated ratio error	±0.5%			

Indoor cable-type current transformer Model SCT-3000S

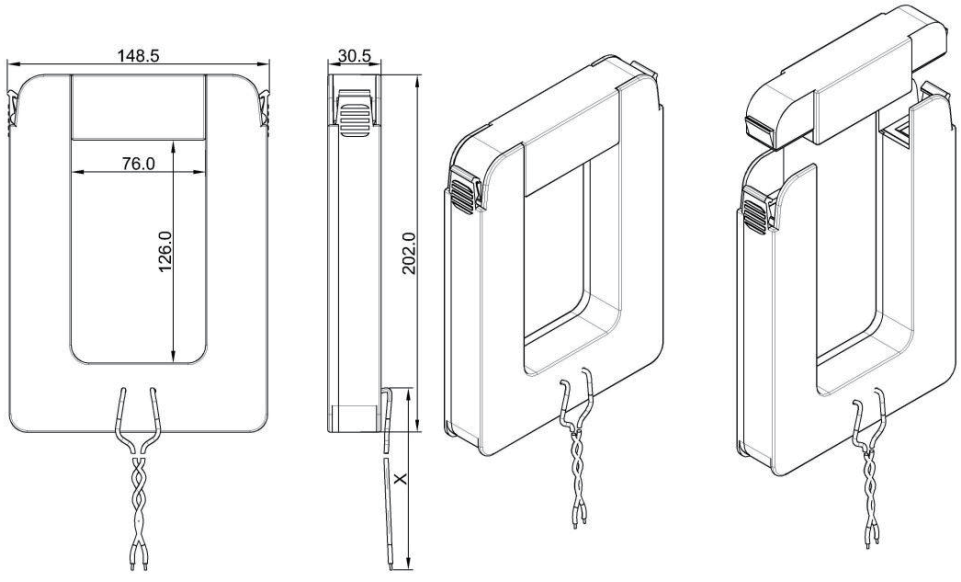
Applicable Standards

Voltage level: 0.66/0.75KV
Withstand voltage level: 3.0KV/1min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ75mm
·Applicable primary current: 1200-2000A
·Applicable for secondary output: mA or mV optional
·Nylon housing, UL94-V0 rated
·Applicable for wire output; black and white double-wire, black and white stranded wire and sheathed wire optional, length customized

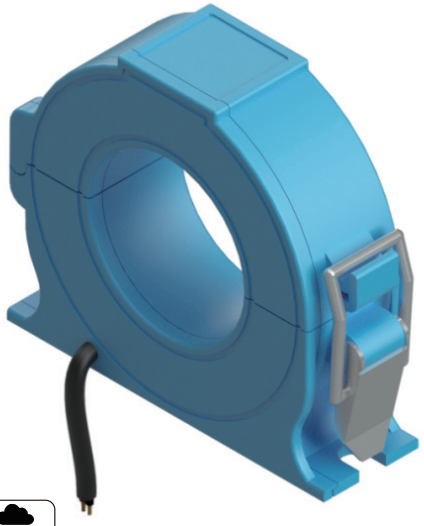
Reference Dimension



Reference Performance

Current ratio	1200A/200mA	1500A/300mA	2000A/400mA	1200\1500\2000A /333mV
Current range	12-1200A (RL=10Ω)	15- 1500A (RL=10Ω)	20- 2000A (RL=10Ω)	12- 2000A
Maximum current	1440A	1800A	2400A	2400A
Rated phase error	±0.5°			
Rated ratio error	±0.5%			

Outdoor cable-type current transformer Model KZCT45



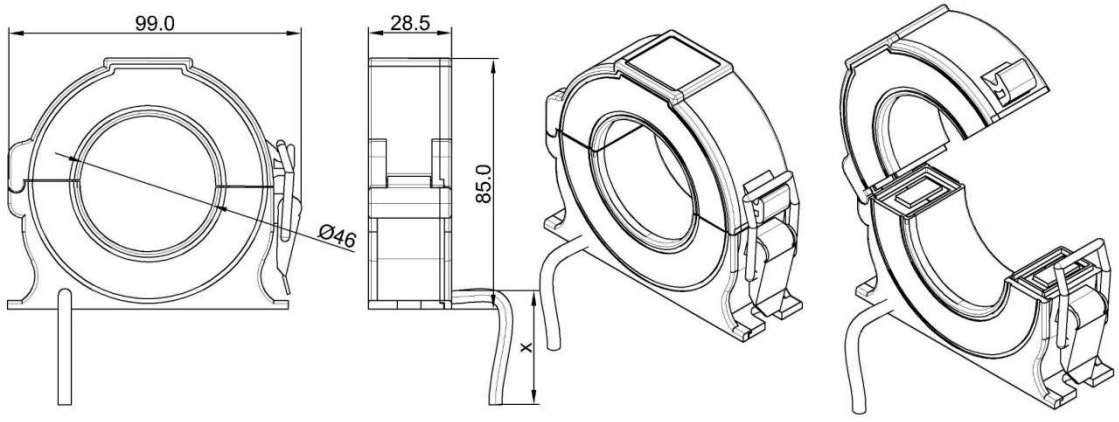
Applicable Standards

Voltage level: 0.66/0.75KV
Withstand voltage level: 3.0KV/1min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ45mm
·Applicable system current: 600A
·Applicable secondary output: mA output
·Nylon housing, UL94-V0 rated
·Applicable for cable output, length customized

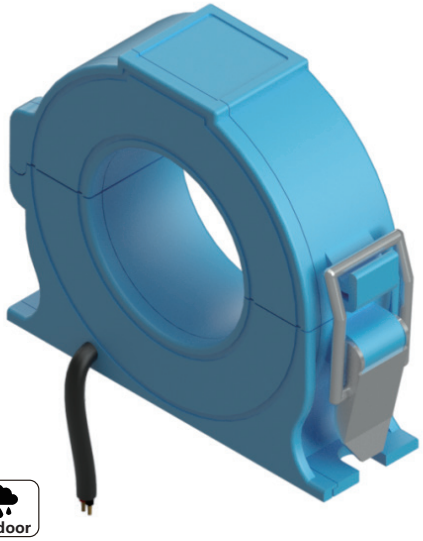
Reference Dimension



Reference Performance

Model	KZCT45-1A/1mA	KZCT45-10A/10mA
Inner Hole Diameter	45mm	45mm
System current	600A	600A
Current ratio	1A/1mA	10A/10mA
Rated ratio error	±2.0	±1.0

Outdoor cable-type current transformer Model KZCT65



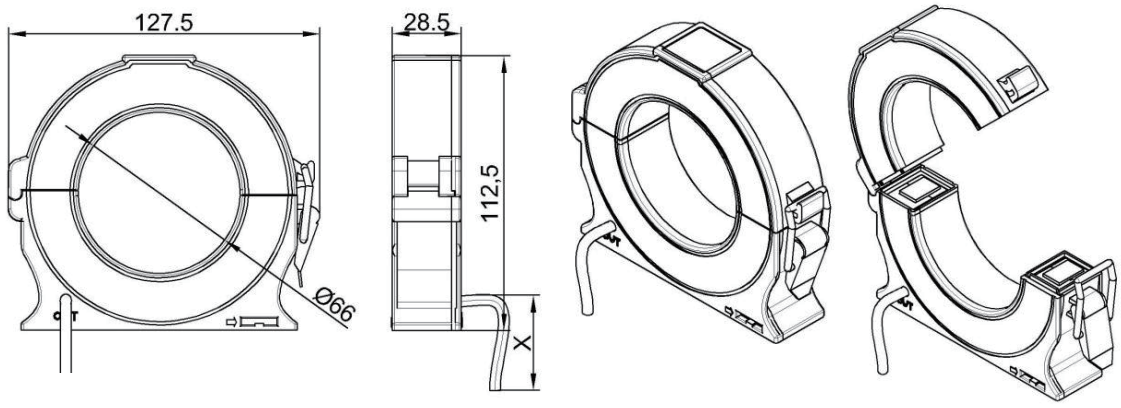
Applicable Standards

Voltage level: 0.66/0.75KV
Withstand voltage level: 3.0KV/1min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ65mm
·Applicable system current: 1000A
·Applicable secondary output: mA output
·Nylon housing, UL94-V0 rated
·Applicable for cable output, length customized

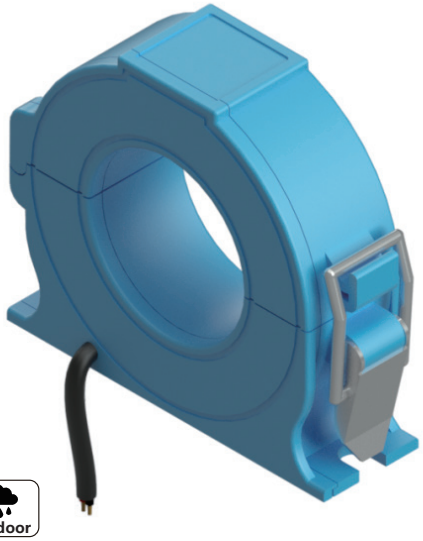
Reference Dimension



Reference Performance

Model	KZCT65-1A/1mA	KZCT65-10A/10mA
Inner Hole Diameter	65mm	65mm
System current	1000A	1000A
Current ratio	1A/1mA	10A/10mA
Rated ratio error	±2.0	±1.0

Outdoor cable-type current transformer Model KZCT80



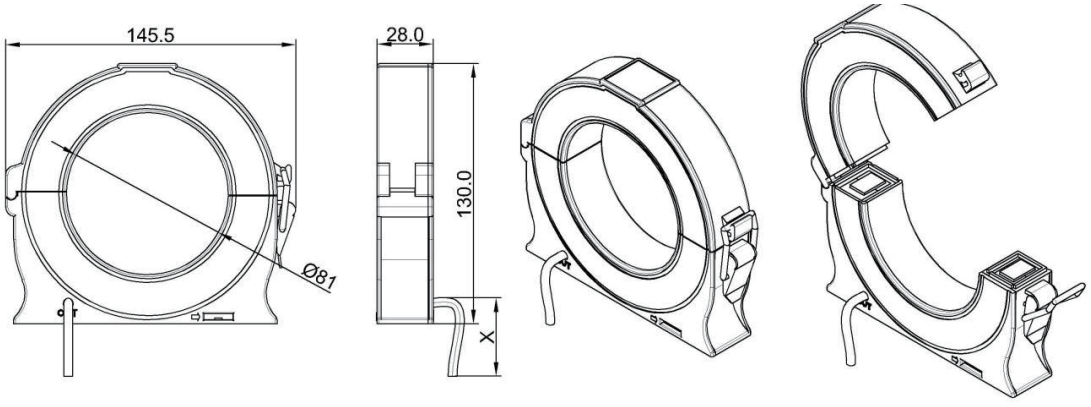
Applicable Standards

Voltage level: 0.66/0.75KV
Withstand voltage level: 3.0KV/1min
Rated frequency: 50/60HZ
Operating temperature: -20℃~55℃

Applicable Scenario

·For indoor use
·Applicable cable specifications: φ80mm
·Applicable system current: 2000A
·Applicable secondary output: mA output
·Nylon housing, UL94-V0 rated
·Applicable for cable output, length customized

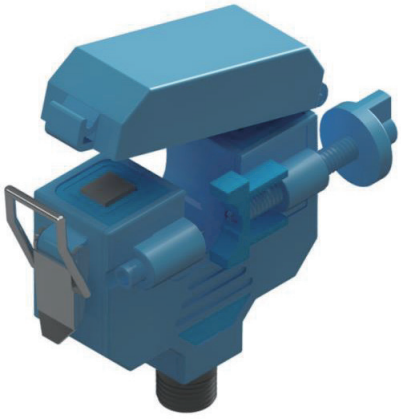
Reference Dimension



Reference Performance

Model	KZCT80-1A/1mA	KZCT80-10A/10mA
Inner Hole Diameter	80mm	80mm
System current	2000A	2000A
Current ratio	1A/1mA	10A/10mA
Rated ratio error	±2.0	±1.0

Outdoor cable-type current transformer Model FSCT20



mA/mV outdoor CE RoHS

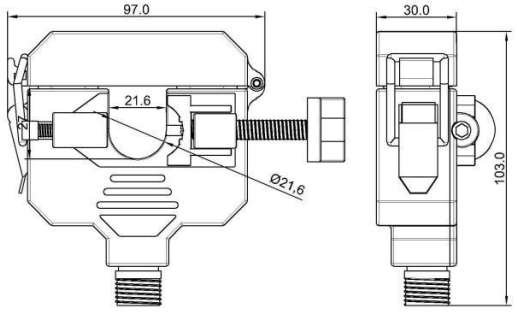
Applicable Standards

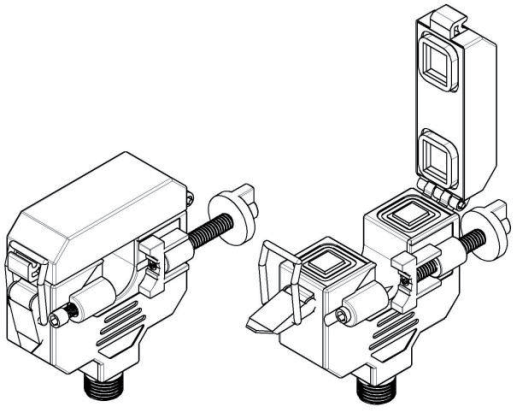
Voltage level: 0.66/0.72KV
Withstand voltage level: 3.0KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~70℃
Operating humidity: ≤95%
Protection standard: GB/T 4208-2017: IP67
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive; Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility.

Applicable Scenario

·For outdoor use; level of protection: IP67
·Applicable cable specifications: φ20mm
·Applicable primary current: 150-500A
·Applicable for secondary output: mA/mV Output
·Applicable for these Scenarios requiring electrical penetration to measure electricity
·Meet higher accuracy requirements

Reference Dimension





Reference Performance

Current ratio	150A/50mA	250A/100mA	400A/80mA	500A/10mA	150\250\400 500A/333mV
Current range	1.5-150A (10Ω)	2.5- 250A (10Ω)	4.0-400A (10Ω)	6-500A (10Ω)	1.5- 500A
Maximum current	180A	300A	480A	600A	600A
Over-voltage protection	6.8V OR 12V				
Rated phase error	+0.5±0.5˚				
Rated ratio error	±0.5%				
Insulation category	CAT IV 250 or CAT III 600				

Outdoor cable-type current transformer Model FSCT30

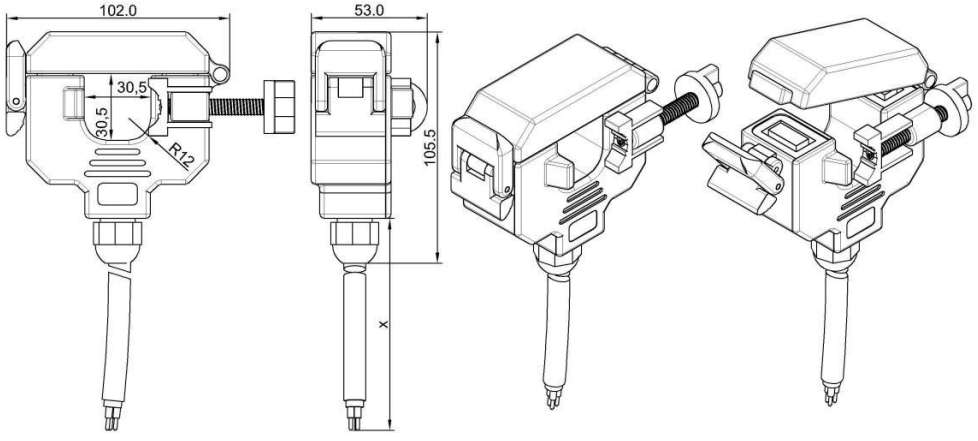
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3.0KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~70℃
Operating humidity: ≤95%
Protection standard: GB/T 4208-2017: IP67
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive; Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility.

Applicable Scenario

·For outdoor use; level of protection: IP67
·Applicable cable specifications: φ30mm
·Applicable primary current: 100-400A
·Applicable for secondary output: mA/mV Output
·Applicable for cable for secondary connection, length customized

Reference Dimension



Reference Performance

Current ratio	100A/33.3mA	250A/100mA	400A/80mA	100\250\400/333mV
Current range	1.0-100A (10Ω)	2.5- 250A (10Ω)	4.0-400A (10Ω)	1.0- 400A
Maximum current	120A	300A	480A	480A
Over-voltage protection	6.8V OR 12V			
Rated phase error	+0.5±0.5˚			
Rated ratio error	±0.5%			
Insulation category	CAT IV 250 or CAT III 600			

Outdoor cable-type current transformer Model FSCT35

mA/mV outdoor CE RoHS

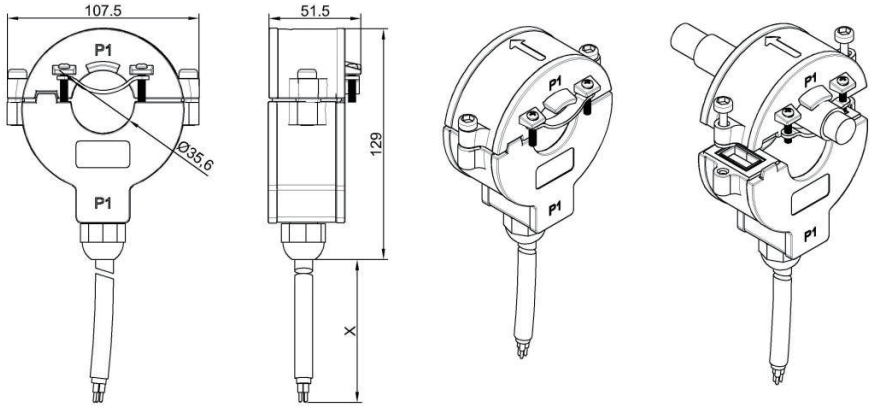
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3.0KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~70℃
Operating humidity: ≤95%
Protection standard: GB/T 4208-2017: IP67
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive; Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility.

Applicable Scenario

·For outdoor use; level of protection: IP67
·Applicable cable specifications: φ35mm
·Applicable primary current: 100-600A
·Applicable for secondary output: mA/mV Output
·Applicable for cable for secondary connection, length customized

Reference Dimension



Reference Performance

Current ratio	100A/33.3mA	400A/80mA	600A/200mA	100\400\600/333mV
Current range	1.0-100A (10Ω)	4.0- 400A (10Ω)	6.0-600A (10Ω)	1.0- 600A
Maximum current	120A	480A	720A	720A
Over-voltage protection	6.8V OR 12V			
Rated phase error	+0.5±0.5˚			
Rated ratio error	±0.5%			
Insulation category	CAT IV 250 or CAT III 600			

Outdoor cable-type current transformer Model FSCT50

mA/mV outdoor CE RoHS

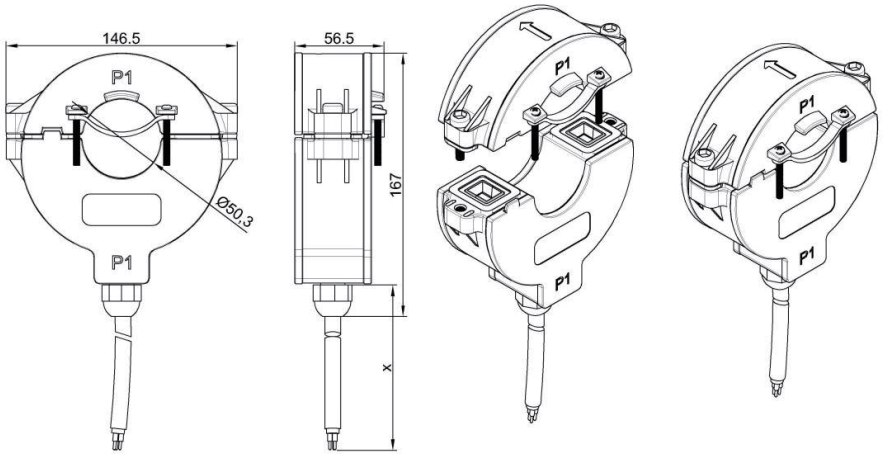
Applicable Standards

Voltage level: 0.66/0.72KV
Withstand voltage level: 3.0KV/1mA/1Min
Rated frequency: 50/60HZ
Operating temperature: -40℃~70℃
Operating humidity: ≤95%
Protection standard: GB/T 4208-2017: IP67
Executive standards: GB/T 20840.1-2010, 20840.2-2014
IEC 61869-1:2009, IEC 61869-1:2012
CE Certification: Compliant with EN 61869-1 and EN61869-2 for low voltage directive; Compliant with EN 61000-6-3 and EN IEC 61000-6-1 for electromagnetic compatibility.

Applicable Scenario

·For outdoor use; level of protection: IP67
·Applicable cable specifications: φ50mm
·Applicable primary current: 600-1500A
·Applicable for secondary output: mA/mV Output
·Applicable for cable for secondary connection, length customized

Reference Dimension



Reference Performance

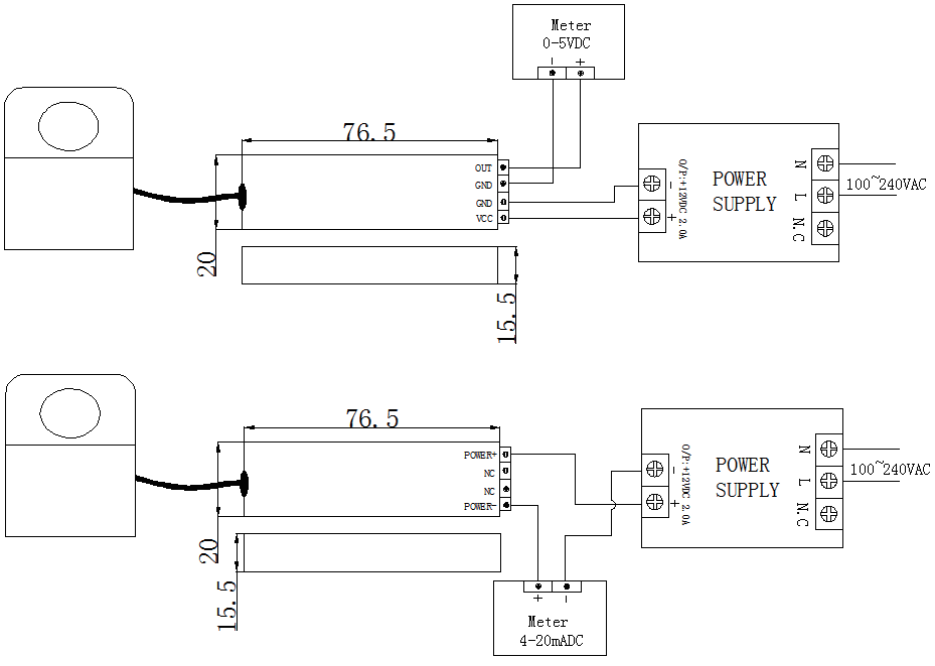
Current ratio	600A/200mA	1000A/500mA	1500A/500mA	600\1000\1500A/333mV
Current range	6.0-600A (10Ω)	10- 1000A (10Ω)	15-1500A (10Ω)	6.0- 1500A
Maximum current	720A	1200A	1800A	1800A
Over-voltage protection	6.8V OR 12V			
Rated phase error	+0.5±0.5˚			
Rated ratio error	±0.5%			
Insulation category	CAT IV 250 or CAT III 600			

Split core current transmitter Model 4-20mAdc

Technical Parameters

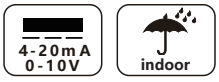
Linearity: ≤1%
Response time: ≤300ms
Operating temperature: -20℃~55℃
Operating humidity: ≤95%
Current range: 1% - 100%
Output form: 4-20mAdc (two-wire)/0-10Vdc/0-5Vdc
Rated frequency: 50HZ
Load: ≤500Ω (current type) /≥100KΩ (voltage type)
Power supply voltage: 24Vdc (current type)
/12V-15Vdc (voltage type)
Power consumption current: <40mAdc

Electrical Connection



The split core current transmitter uses split core current transformer + transmission device, so cable-type split core current transformer is selected.

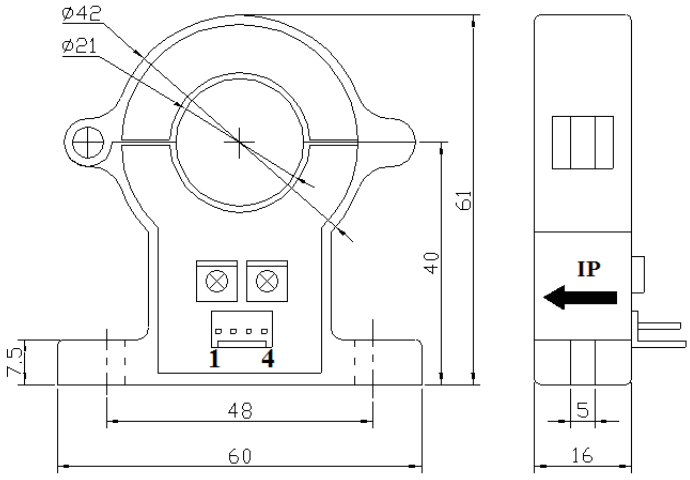
Open-loop Hall current transformer Model DCT21



Technical Parameters

Measured current range: ≤±600A
Output form: 4-20mAdc (three-wire)/±4Vdc
Load: ≤500Ω (current type)/≥100KΩ (voltage type)
Power supply voltage: 12V-24Vdc
Power consumption current: <40mAdc
Accuracy (Linearity): ≤ 1%
Response time: ≤ 50ns(±4Vdc)/ ≤ 300ms(4-20mAdc)
Operating temperature: -20℃ ~55℃
Operating humidity: ≤ 95%

Reference Dimension



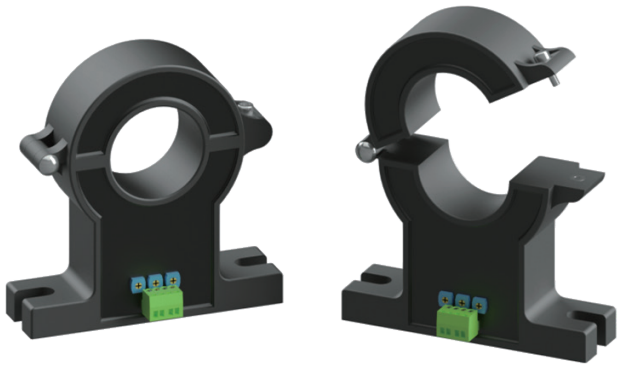
V+ G G OUT

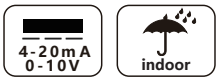
Terminal labels

Reference Performance

Model(A)	Current range(A)	Accuracy class	Current type (three-wire)	Load(Ω)	Voltage type	Load(Ω)
DCT21	20≤Ia≤600	1.0	4-20mAdc	≤500	±4Vdc	≥100K

Open-loop Hall current transformer Model DCT40

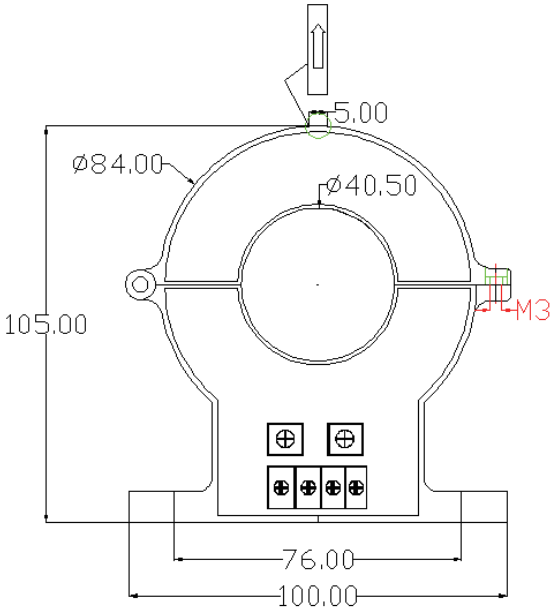




Technical Parameters

Measured current range: ≤±2000A
Output form: 4-20mAdc (three-wire)/±4Vdc
Load: ≤500Ω (current type) /≥100KΩ (voltage type)
Power supply voltage: 12V-24Vdc
Power consumption current: <40mAdc
Accuracy (Linearity): ≤1%
Response time: ≤ 50ns (±4Vdc)/ ≤ 300ms (4-20mAdc)
Operating temperature: -20℃~55℃
Operating humidity: ≤95%

Reference Dimension



V+ G G OUT

Terminal labels

Reference Performance

Model(A)	Current range(A)	Accuracy class	Current type (three-wire)	Load(Ω)	Voltage type	Load(Ω)
DCT40	100≤Ia≤200	1.0	4-20mAdc	≤500	±4Vdc	≥100K

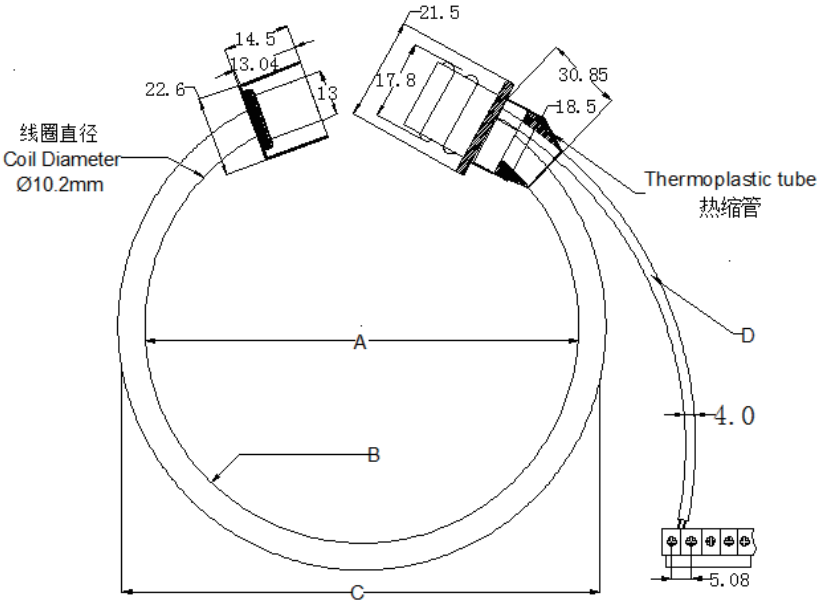
Flexible Rogowski coil

Model 100mVac/KA(naked)

Technical Parameters

Input Current: 100A - 200KA
Measuring current: 5% - 100%
Output form: 100mV/1KA@50HZ
Bandwidth: 10HZ-2MHZ
Load:>10KΩ (voltage type)
Accuracy: ≤5%
Linearity: <1%
Phase difference: 90°
Operating temperature: -25℃~70℃
Operating humidity: ≤95%

Reference Dimension



Reference Performance

A(mm)	B(mm)	C(mm)	D(mm)
≤ 600	10.5	A+2*B	100
Custom made	10.5	Custom made	Custom made

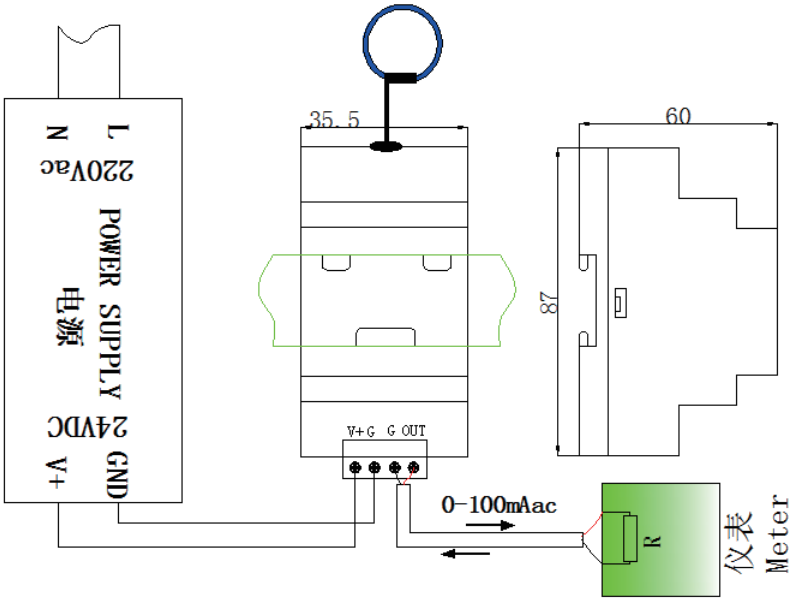
Flexible Rogowski coil

Model 100mAac/Rated

Technical Parameters

Input Current: 100A - 200KA
Measuring current: 5% - 100%
Output form: 0-100mAac@50/60HZ
Bandwidth: 10HZ-1KHZ
Load: 10/20Ω
Accuracy: ≤1%
Response time: ≤20ms
Angle difference: < 1°
Supply voltage: 12V/1A; 24V/1A
Operating temperature: -25℃ - 70℃
Operating humidity: ≤95%

Electrical Connection



Reference Performance

Model(A)	Current range(A)	Accuracy class	Current type (mAac)	Load(Ω)	SupplyVoltage	Frequency (HZ)
RS1000	50-1200	1.0	0-100	10/20(Specified load optional)	24Vdc/1A 12Vdc/1A	50/60
RS2000	100-2400					
RS3000	150-3600					
RS4000	200-4800					
RS200K	10K-200K					

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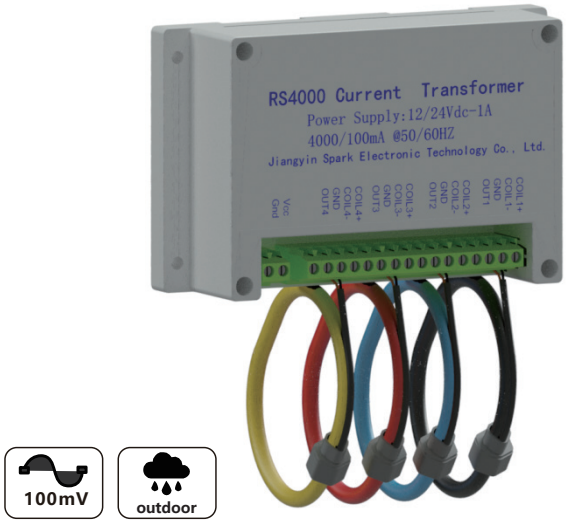
Split core current transformer

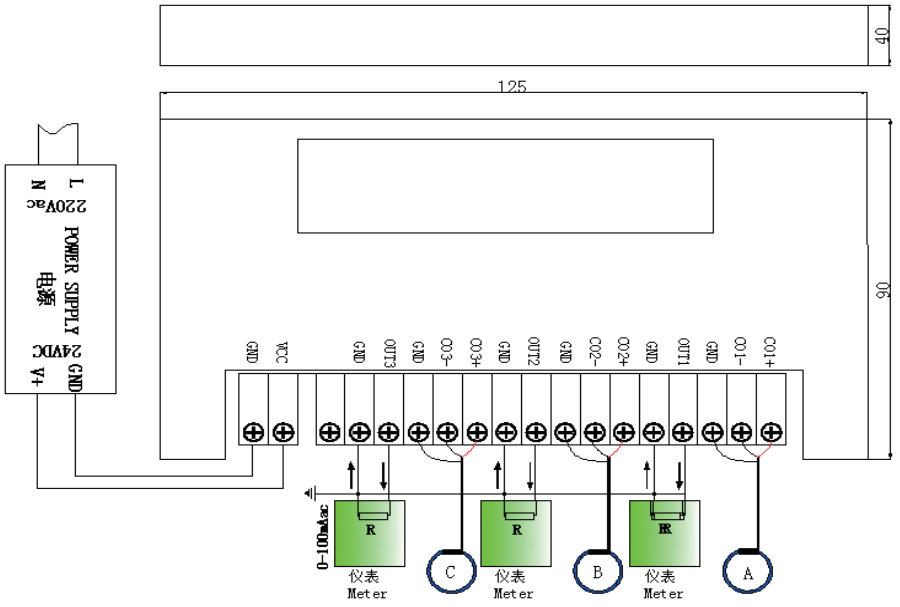
Flexible Rogowski coil — Model 3T-100mAac/Rated



Technical Parameters

Input Current: 100A - 200KA
Measuring current: 5% - 100%
Output form: 0-100mAac@50/60HZ
Bandwidth: 10HZ-1KHZ
Load: 10/20Ω
Accuracy: ≤1%
Response time: ≤20ms
Angle difference: < 1°
Supply voltage: 12V/1A; 24V/1A
Operating temperature: -25℃ - 70℃
Operating humidity: ≤95%

Electrical Connection



Reference Performance

Model(A)	Current range(A)	Accuracy class	Current type (mAac)	Load(Ω)	SupplyVoltage	Frequency (HZ)
RS1000	50-1200	1.0	0-100	10/20(Specified load optional)	24Vdc/1A 12Vdc/1A	50/60
RS2000	100-2400					
RS3000	150-3600					
RS4000	200-4800					
RS200K	10K-200K					

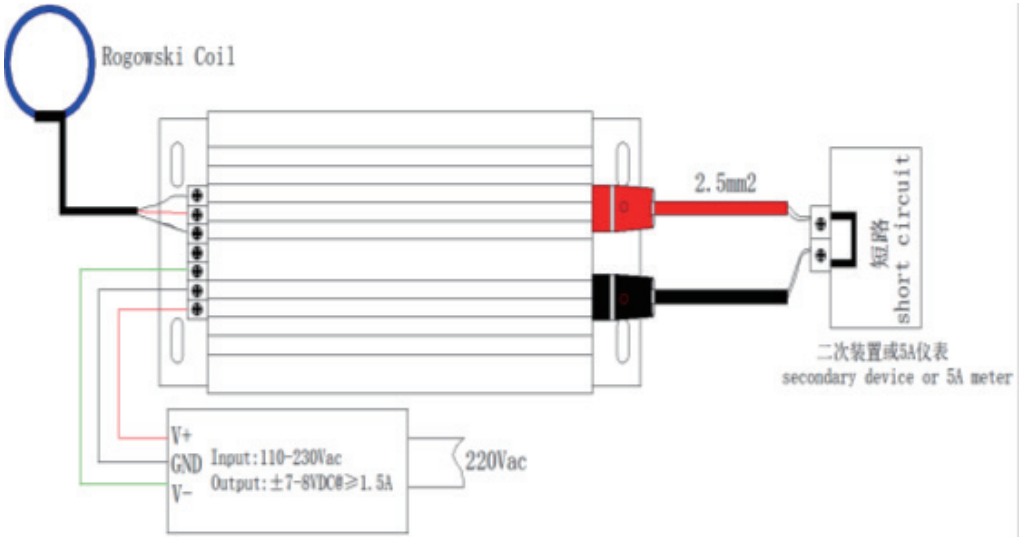
Flexible Rogowski coil

Model 5Aac/Rated

Technical Parameters

Input Current: 100A - 200KA
Measuring current: 5% - 100%
Output form: 0-5Aac@50/60HZ
Bandwidth: 10HZ-1KHZ
Load: <0.1Ω
Accuracy: ≤1%
Response time: ≤20ms
Angle difference: <1°
Supply voltage: ±8Vdc/80W, ±12Vdc/80W
Operating temperature: -25℃~70℃
Operating humidity: ≤95%

Electrical Connection

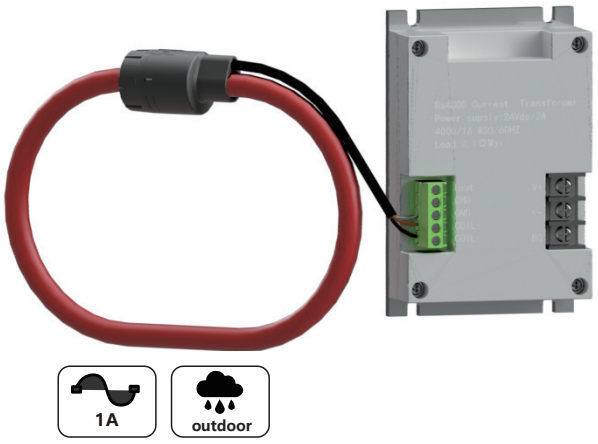


Reference Performance

Model(A)	Current range(A)	Accuracy class	Current type (Aac)	Load(Ω)	SupplyVoltage	Frequency (HZ)
RS1000	50-1200	1.0	0.5	<0.1 (short circuit)	±8Vdc/80W ±12Vdc/80W	50/60
RS2000	100-2400					
RS3000	150-3600					
RS4000	200-4800					
RS200K	10K-200K					

Flexible Rogowski coil

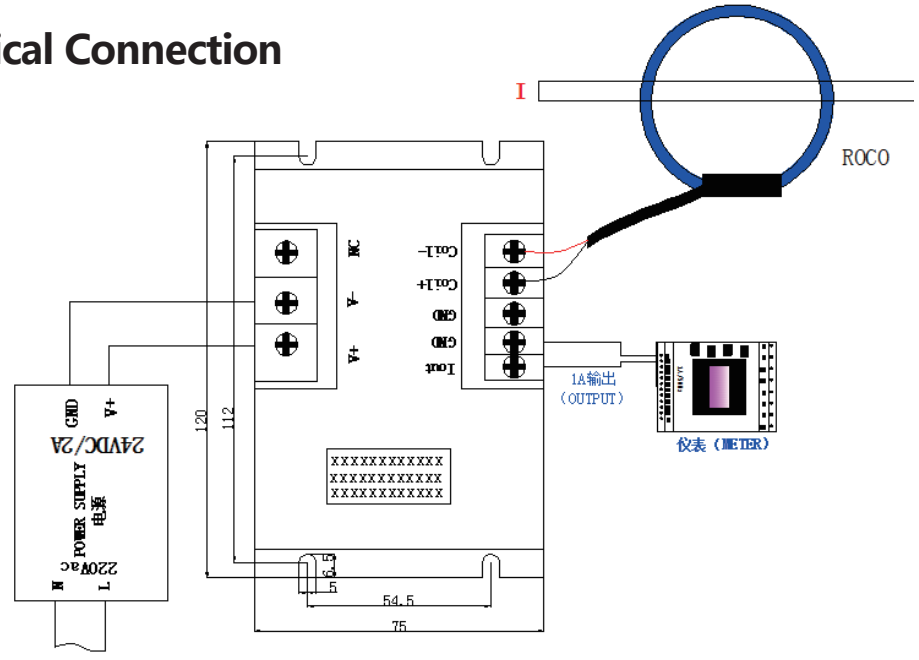
Model 1Aac/Rated



Technical Parameters

Input Current: 100A - 200KA
Measuring current: 5% - 100%
Output form: 0-5Aac@50/60HZ
Bandwidth: 10HZ-1KHZ
Load: <0.1Ω
Accuracy: ≤1%
Response time: ≤20ms
Angle difference: <1°
Supply voltage: 12V/2A; 24V/1.5A
Operating temperature: -25℃~70℃
Operating humidity: ≤95%

Electrical Connection

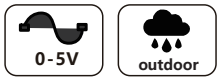


Reference Performance

Model(A)	Current range (A)	Accuracy class	Current type (Aac)	Load(Ω)	Supply Voltage	Frequency (HZ)
RS1000	50-1200	1.0	0-1	<0.1 (short circuit)	24Vdc/1.5A 12Vdc/2A	50/60
RS2000	100-2400					
RS3000	150-3600					
RS4000	200-4800					
RS200K	10K-200K					

Flexible Rogowski coil

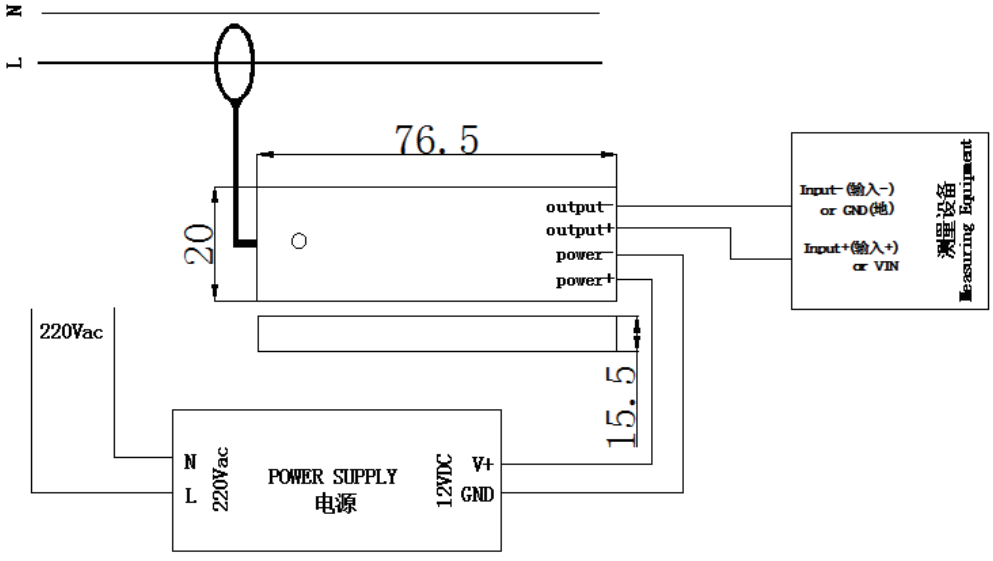
Model 0-5Vac/Rated-A



Technical Parameters

Input Current: 100A - 200KA
Measuring current: 5% - 100%
Output form: 0-5Vac@50/60HZ
Bandwidth: 10HZ-10KHZ
Load: ≥100KΩ
Accuracy: ≤1%
Linearity: <1%
Response time: ≤20ms
Operating temperature: -25℃~70℃
Operating humidity: ≤95%

Electrical Connection

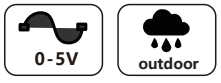


Reference Performance

Model(A)	Current range (A)	Accuracy class	Linearity	Phase error	Supply Voltage (Vdc)	Load(Ω)
RS1000	50-1200	1.0	<1%	< 1°	5V / 9V / 12V / 15V / 24V @±5%	≥100K
RS2000	100-2400					
RS3000	150-3600					
RS4000	200-4800					
RS200K	10K-200K					

Flexible Rogowski coil

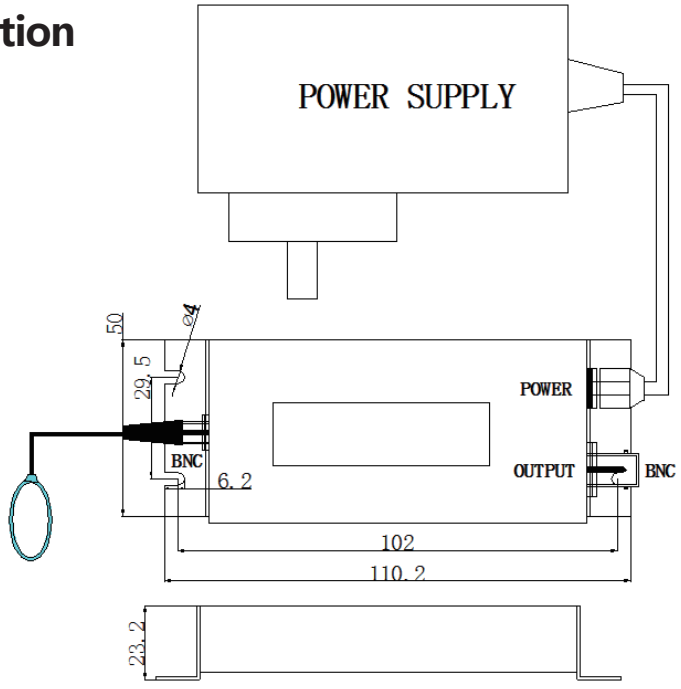
Model 0-5Vac/Rated-B



Technical Parameters

Input Current: 100A - 200KA
Measuring current: 5% - 100%
Output form: 0-5Vac@50/60HZ
Bandwidth: 10HZ-10KHZ
Load: ≥100KΩ
Accuracy: ≤1%
Linearity: <1%
Response time: ≤20ms
Operating temperature: -25℃~70℃
Operating humidity: ≤95%

Electrical Connection



Reference Performance

Model(A)	Current range (A)	Accuracy class	Linearity	Phase error	Supply Voltage (Vdc)	Load(Ω)
RS1000	50-1200	1.0	<1%	< 1°	5V / 9V / 12V / 15V / 24V @±5%	≥100K
RS2000	100-2400					
RS3000	150-3600					
RS4000	200-4800					
RS200K	10K-200K					

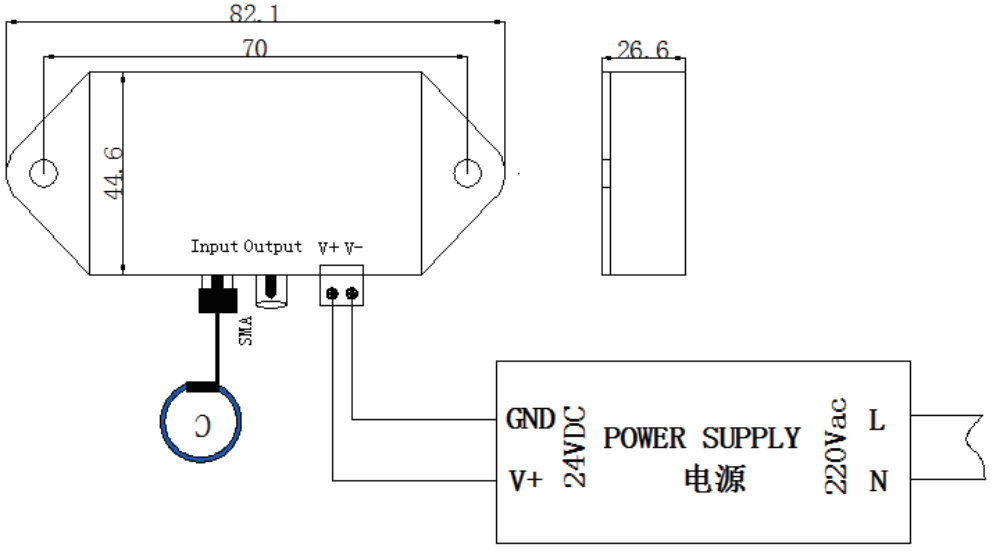
Flexible Rogowski coil

Model 0-5Vac/Rated-C

Technical Parameters

Input Current: 100A - 200KA
Measuring current: 5% - 100%
Output form: 0-5Vac@50/60HZ
Bandwidth: 10HZ-10KHZ
Load: ≥100KΩ
Accuracy: ≤1%
Linearity: <1%
Response time: ≤20ms
Operating temperature: -25℃~70℃
Operating humidity: ≤95%

Electrical Connection

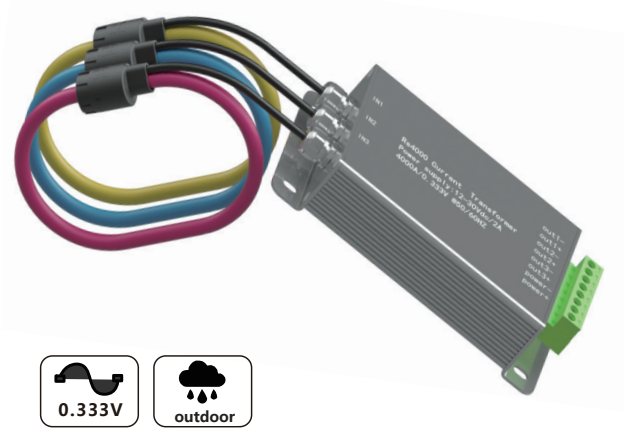


Reference Performance

Model(A)	Current range (A)	Accuracy class	Linearity	Phase error	Supply Voltage (Vdc)	Load(Ω)
RS1000	50-1200	1.0	<1%	< 1°	5V / 9V / 12V / 15V / 24V @±5%	≥100K
RS2000	100-2400					
RS3000	150-3600					
RS4000	200-4800					
RS200K	10K-200K					

Flexible Rogowski coil

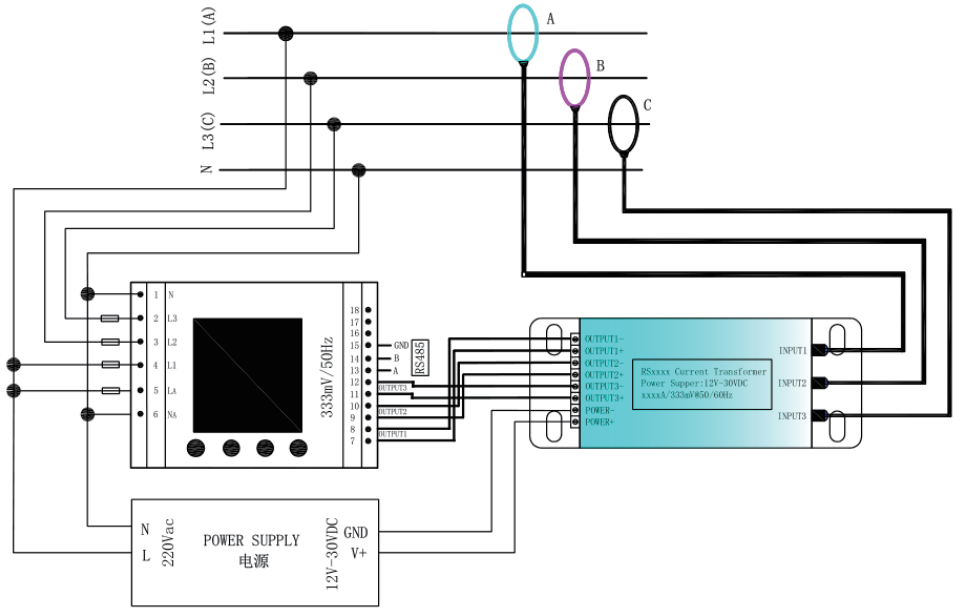
Model 3T-0.33Vac/Rated



Technical Parameters

Input Current: 100A - 200KA
Measuring current: 5% - 100%
Output form: 0-5Vac@50/60HZ
Bandwidth: 10HZ-10KHZ
Load: ≥100KΩ
Accuracy: ≤1%
Linearity: <1%
Response time: ≤20ms
Operating temperature: -25℃~70℃
Operating humidity: ≤95%

Electrical Connection



Reference Performance

Model(A)	Current range (A)	Accuracy class	Linearity	Phase error	Supply Voltage (Vdc)	Load(Ω)
RS1000	50-1200	1.0	<1%	< 1°	9V / 12V / 15V / 24V @±5%	≥100K
RS2000	100-2400					
RS3000	150-3600					
RS4000	200-4800					
RS200K	10K-200K					

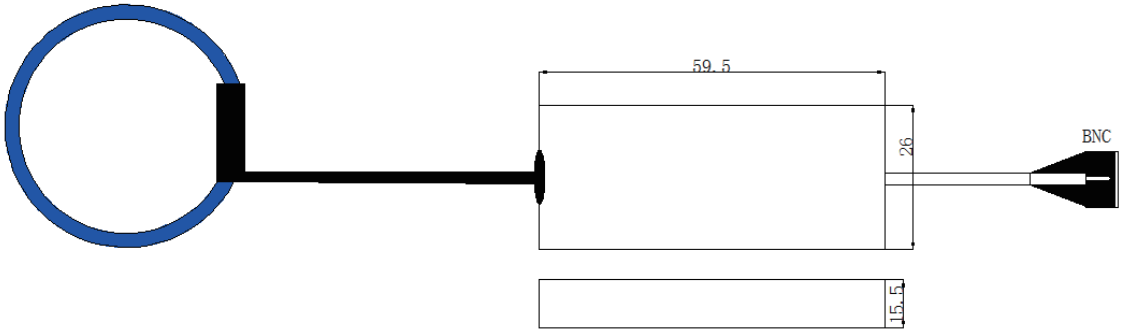
Flexible Rogowski coil

Model 0-10Vac/Rated(passive)

Technical Parameters

Input Current: 1000A - 200KA
Measuring current: 5% - 100%
Output form: 0-10Vp (voltage optional)
Bandwidth: 10K-2MHZ
Load: ≥100KΩ
Accuracy: ≤3%
Linearity: <1%
Operating temperature: -25℃~70℃
Operating humidity: ≤95%

Electrical Connection

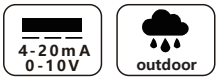


Reference Performance

Model(A)	Current range (A)	Accuracy class	Linearity	Phase error	Load(Ω)
LRS1000	50-1200	3.0	<1%	< 3°	≥100K
LRS2000	100-2400				
LRS3000	150-3600				
LRS4000	200-4800				
LRS200K	10K-200K				

Flexible Rogowski coil

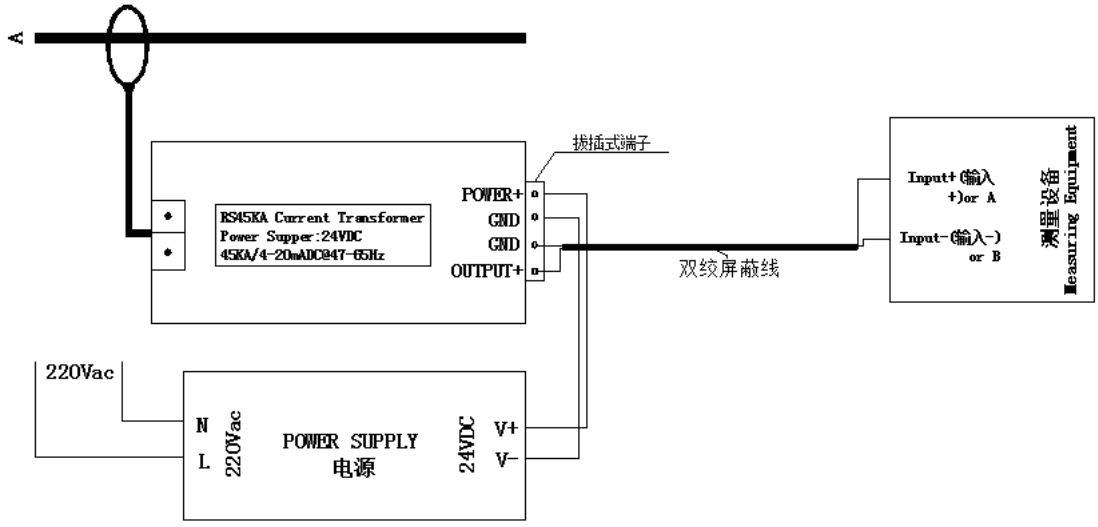
Model 4-20mAdc/Rated



Technical Parameters

Input Current: 100A - 200KA
Measuring current: 5% - 100%
Output form: 4-20mAdc (three-wire)
/ 0-10Vdc/0-5Vdc
Bandwidth: 10HZ-1KHZ
Load: ≤500Ω (current type) /≥100KΩ (voltage type)
Accuracy: ≤1%
Response time: ≤300ms
Operating temperature: -25℃~70℃
Operating humidity: ≤95%

Electrical Connection

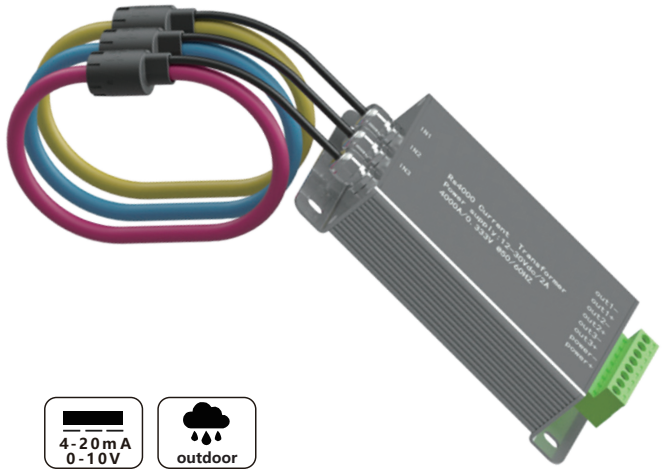


Reference Performance

Model(A)	Current range (A)	Accuracy class	Current type (three-wire)	Load(Ω)	Voltage type	Load(Ω)
RS1000	50-1200	1.0	4-20mAdc	≤500	0-5Vdc 0-10Vdc	≥100K
RS2000	100-2400					
RS3000	150-3600					
RS4000	200-4800					
RS200K	10K-200K					

Flexible Rogowski coil

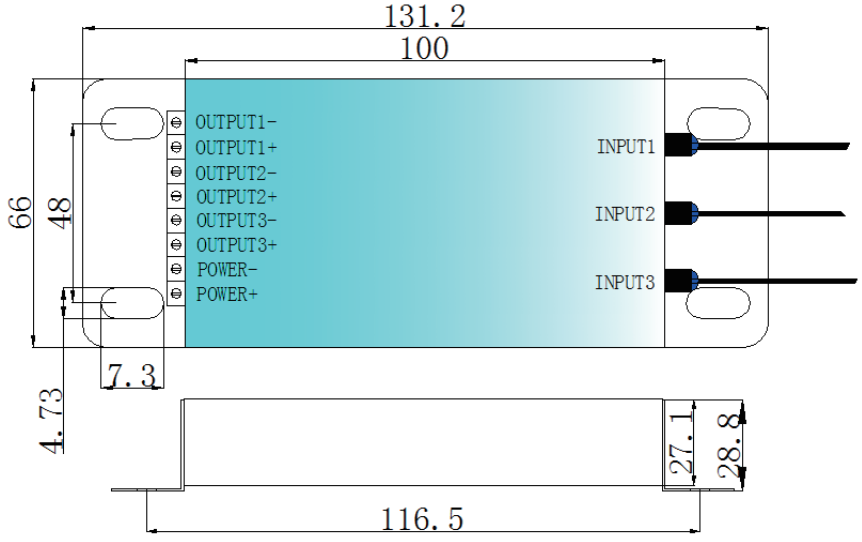
Model 3T-20mAdc/Rated



Technical Parameters

Input Current: 100A - 200KA
Measuring current: 5% - 100%
Output form: 4-20mAdc (three-wire)
/ 0-10Vdc/0-5Vdc
Bandwidth: 10HZ-1KHZ
Load: ≤500Ω (current type) /≥100KΩ (voltage type)
Accuracy: ≤1%
Response time: ≤300ms
Operating temperature: -25℃~70℃
Operating humidity: ≤95%

Electrical Connection



Reference Performance

Model(A)	Current range (A)	Accuracy class	Current type (three-wire)	Load(Ω)	Voltage type	Load(Ω)
RS1000	50-1200	1.0	4-20mAdc	≤500	0-5Vdc 0-10Vdc	≥100K
RS2000	100-2400					
RS3000	150-3600					
RS4000	200-4800					
RS200K	10K-200K					

Flexible Rogowski coil

Model NT-4-20mAdc/Rated

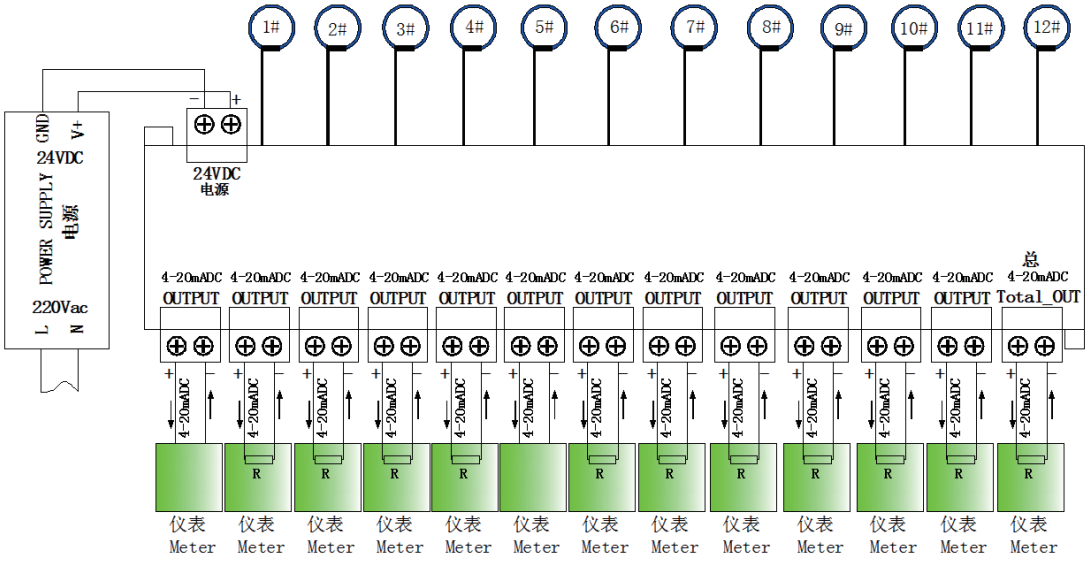
4-20mA 0-10V

outdoor

Technical Parameters

InputCurrent: 100A - 200KA
Measuringcurrent:5%- 100%
Output from: 4-20mAdc (three-wire)
Bandwidth:10HZ-1KHZ
Load: ≤500Ω
Accuracy: ≤1%
Responsetime: ≤300ms
Number of input channels: ≤12 channels
Operatingtemperature:-25℃~60℃
Operatinghumidity:≤95%

Electrical Connection

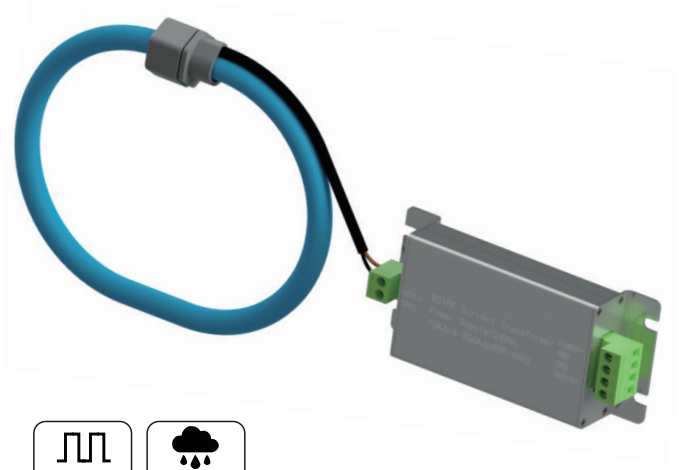


Reference Performance

Model(A)	Current range (A)	Accuracy class	Current type (three-wire)	Load(Ω)	I/O	Output from
RS1000	50-1200	1.0	4-20mAdc	≤500	≤12	Separate +1 summing output
RS2000	100-2400					
RS3000	150-3600					
RS4000	200-4800					
RS200K	10K-200K					

Flexible Rogowski coil

Model RS485 MODBUS_RTU

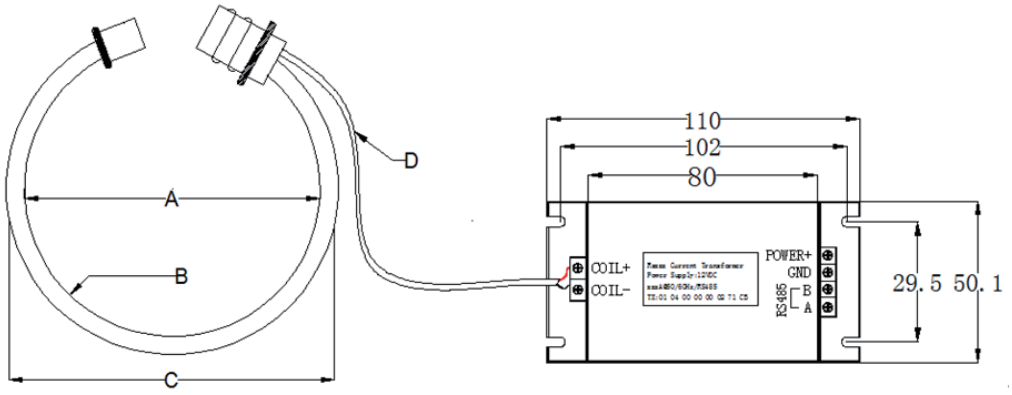


RS485 outdoor

Technical Parameters

Input Current: 500A - 100KA
Measuring current: 5% - 100%
Output form: RS485 MODBUS_RTU
Frequency: 50/60HZ
Accuracy: ≤1%
Response time: ≤300ms
Supply voltage: 12Vdc±5%
Operating temperature: -25℃~70℃
Operating humidity: ≤95%

Electrical Connection



A(mm)	B(mm)	C(mm)	D(m)
⩽ 600	10.5	A + 2*B	⩽ 100
可定制 Custom made	10.5	可定制 Custom made	可定制 Custom made

Reference Performance

Model(A)	Current range (A)	Accuracy class	Communication interface	Baud rate	Supply voltage (Vdc)
RS1000	50-1200	1.0	RS485 MODBUS_RTU	2400 4800 9600(default) 19200	12±5%
RS2000	100-2400				
RS3000	150-3600				
RS4000	200-4800				
RS100K	5K-100K				

Flexible Rogowski coil

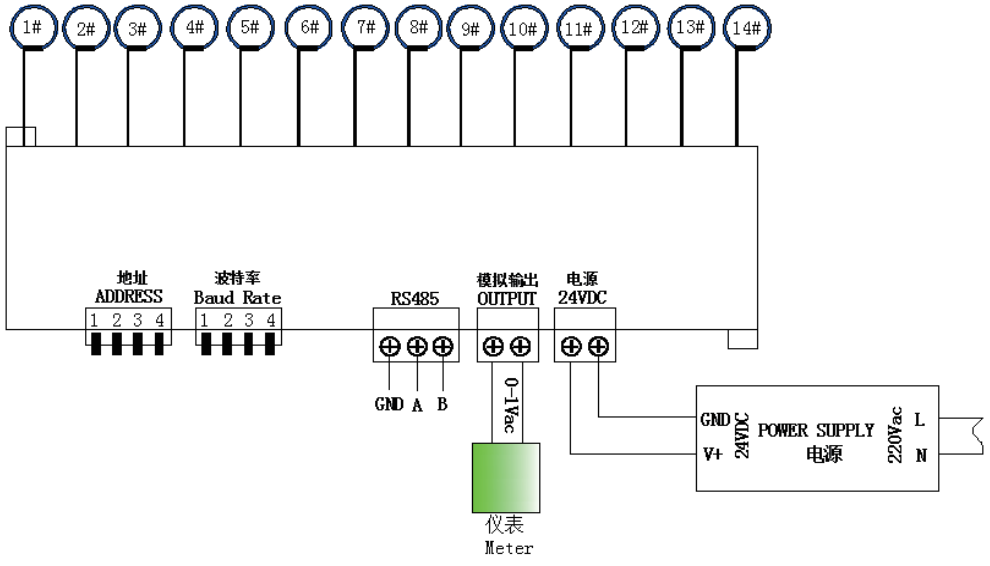
Model RS485 MODBUS_RTU

RS485 outdoor

Technical Parameters

Input Current: 500A- 100KA
Measuringcurrent:5%- 100%
Output form: RS485 MODBUS_RTU
Frequency: 50/60HZ
Supplyvoltage: 24Vdc±5%
Accuracy: ≤1%
Responsetime: ≤300ms
Numberof input coils: ≤14 coils
Operatingtemperature:-25℃~60℃
Operatinghumidity:≤95%

Electrical Connection



Reference Performance

Model(A)	Current range (A)	Accuracy class	Communication interface	Baud rate	I/O	Output from
RS1000	50-1200	1.0	RS485 MODBUS_RTU	2400 4800 9600(default) 19200	≤14	1-way summing output (0-5Vac optional)
RS2000	100-2400					
RS3000	150-3600					
RS4000	200-4800					
RS100K	5K-100K					

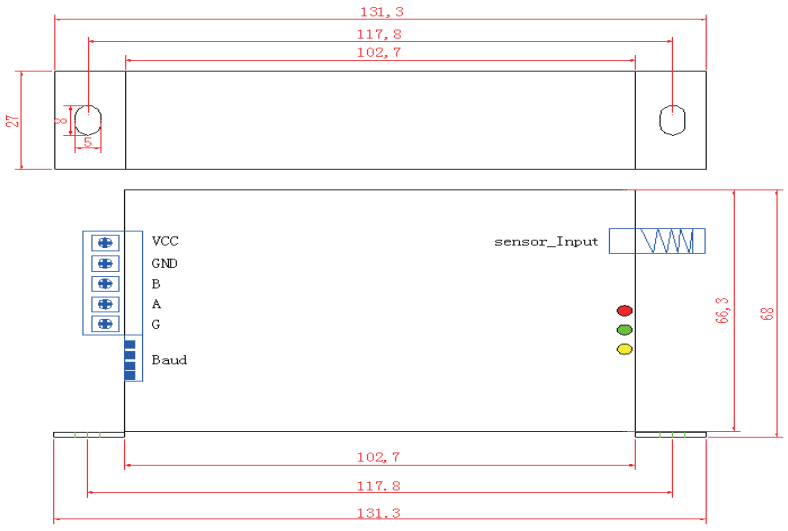
Flexible Rogowski coil Model Lighting current collection

RS485 outdoor

Technical Parameters

Input Current: 1000A- 200KA
Measuringcurrent: 5%- 100%
Output form: RS485 MODBUS_RTU
Frequency: 8/20us, 10/350us
Accuracy: ≤5%
Sampling frequency: 5MHZ (Adc+FPGA+MCU)
Supplyvoltage: 12/24Vdc±5%
Operatingtemperature:-25℃~60℃
Operatinghumidity:≤95%
Functionality: Number of times, time, polarity, amplitude, energy ratio, waveform
Numberoffilessaved: 500files

Electrical Connection



Reference Performance

Model(A)	Current range (A)	Accuracy class	Communication interface	Baud rate	Supply voltage (Vdc)
RS1000	50-1200	5.0	RS485 MODBUS_RTU	2400 4800 9600(default) 19200	12/24±5%
RS2000	100-2400				
RS3000	150-3600				
RS4000	200-4800				
RS200K	10K-100K				

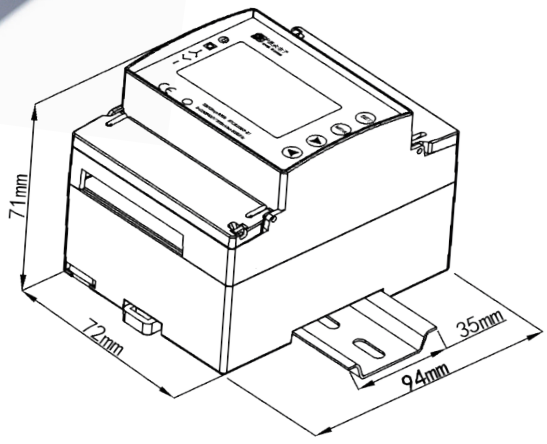
Three-phase multi-function intelligent instrument Model XHD331-R

Applicable Standards

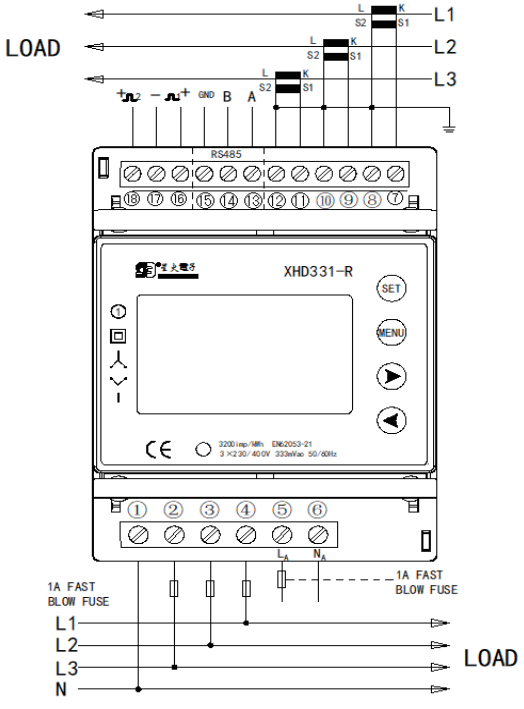
·For outdoor and indoor use;
·For electrical power system;
·For metallurgical industry;
·For electroplating industry;
·For wind power system.

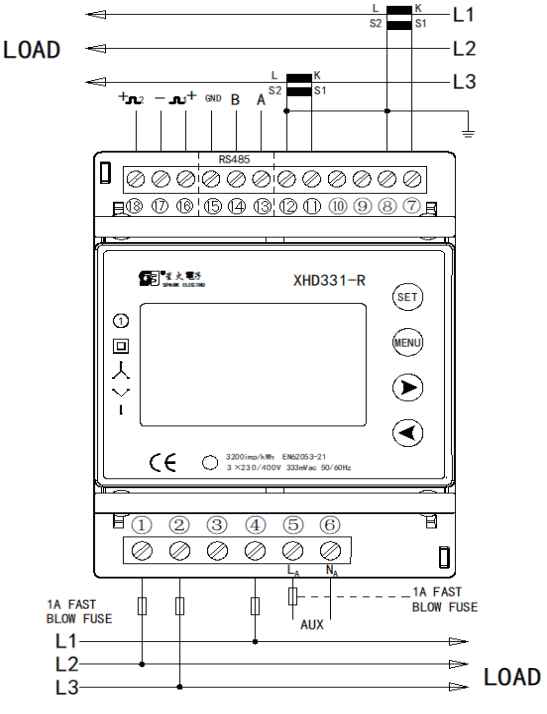
Technical Parameters

Input voltage: L-N: 57.5V-380V;
L-L: 100-600V;
Auxiliary power supply: AC 85-265V
Primary current: 5-9999A;
Secondary input: 0.333Vac;
Rated frequency: 50/60HZ;
Accuracy: 0.5s;
Overall power consumption: ≤2W;
Pulse output: One active power, one reactive power, pulse constant 3200imp/KWh;
Communication code: RS485 MODBUS_RTU;
Operating temperature: -25℃~ 55℃。



Electrical Connection





List of Inventions and Patents

NO.	Invention Name	Patent Number
1	A waterproof transfromer and its assembly process	ZL201610902056.5
2	A Rogowski coil holder	ZL201610016702.8
3	An adjustable high-precision Rogowski coil	ZL201710085838.9
4	A multi-serial parallel communication transfromer	ZL201811441599.7
5	Multi-serial parallel communication transfromer	ZL201811442014.3
6	A split core current transfromer with electromagnetic shielding layer and its assembly method	ZL201810683834.5
7	A multi-axis winding machine for open-type workpiece and its use method	ZL201811417935.4
8	A wire arrangement frame for winding an open wire package	ZL201811417932.0
9	A multi-axis drum-type semi-circular flying fork winding machine	ZL201811417952.8
10	A drum-type fly fork and a winding machine using the fly fork	ZL201811424149.7
11	A Rogowski coil for measuring small currents	ZL201811442037.4
12	A high-precision Rogowski coil	ZL201811441615.2
13	An open-type workpiece winding machine	ZL201811417937.3
14	A Rogowski coil enamelled with wire evenly and its winding method	ZL201811441618.6
15	A Rogowski coil for measuring small currents and its manufacturing method	ZL201811441617.1
16	A multi-axis drum-type reciprocating wire-arranging fly fork winding machine	ZL201811424148.2
17	A ring winding machine	ZL201811424636.3
18	A Rogowski coil	ZL201811441629.4
19	A shielded split core zero sequence current transfromer	ZL202110110367.9

List of Certificates-1

No.	Test type	Test item	Test standard	Product name	Model specification requirements	Testing agency	Report Code	Date of issuance
1	Commissioned test	Full performance test	DL/T 1157-2012 Technical Conditions of Distribution Line Fault Indicator Q/GDW 436-2010 Technical Specifications of Distribution Line Fault Indicator Technical Specification for split core Low Voltage Current Transformers issued by State Grid Jiangsu Electric Power Corporation (Judgment)	split core current transformer (busbar-type)	Model: KCT26 Specifications or requirements: 600/5,0.5S, busbar, indoor	Experiment & Verification Center of China Electric Power Research Institute Co., Ltd.	YD20193003	2019/10/30
2					Model: KCT48 Specifications: 1500/5,0.5S, busbar, indoor		YD20193005	2019/10/30
3				split core current transformer (outdoor cable-type)	Model: FSCT40 Specifications or requirements: 600/5,0.5S, cored winding, outdoor		YD20193004	2019/10/30
4		Short-time current	GB/T 20840.1-2010 Transformer - Part 1: General Technical Requirements GB/T 20840.2-2014 Transformer - Part 2: Supplementary Technical Requirements for Current Transformers	split core current transformer (cable-type)	Model:T70 Specifications or requirements: 600A/1A, short-term thermal current, 13.5KA/S, dynamic stable current 31.25KA	National Electrical Product Quality Supervision and Inspection Center	20T0114-S	2020/06/17
5		Level of protection	GB/T 4208-2017 Level of Protection of Enclosure (IP Codes)	split core current transformer (cable-type)	Model: FSCT20 Specifications or requirements: IP67	National Radio and Television Product Quality Supervision and Inspection Center Beijing TIRT Testing Technology Service Co., Ltd.	OTA9-20201730	2020/07/16
6					Model: FSCT36 Specifications or requirements: IP67		OTA9-20201731	2020/07/16
7					Model: FSCT60 Specifications or requirements: IP67		OTA9-20201732	2020/07/20
8					Model: FSCT68 Specifications or requirements: IP67		OTA9-20201735	2020/07/16
9		Full performance test	Q/GDW 1572-2014 Technical Specifications for Low Voltage Current Transformers for Metering	Energy-monitoring low voltage current transformer	Model: LMZ1D Specifications or requirements: 75/5A 2.5-5VA 0.2S	National Metrology Center Co., Ltd.	SGCM02052021001 4	2021/03/22
10					Model: LMZ1D Specifications or requirements: 200/5A 2.5-5VA 0.2S		SGCM02052021001 3	2021/03/22

No.	Test type	Test item	Test standard	Product name	Model specification requirements	Testing agency	Report Code	Date of issuance
11	Commissioned test	Full performance test	Q/GDW 1572 - 2016 Technical Specifications for Low Voltage Current Transformers for Metering	Energy-monitoring low voltage current transformer	Model: LMZ3D Specifications or requirements: 600/5A 3.75-10VA 0.2S	National Metrology Center Co., Ltd.	SGCM0 205202 10015	2021/03/22
12					Model: LMZ4D Specifications or requirements: 1500/5A 3.75-10VA 0.2S		SGCM0 205202 10016	2021/03/22
13		Level of protection	IEC 60529:2013 Level of Protection of Enclosure (IP Codes)	Rogowski coils	Model: RS1000 Specifications or requirements: IP68	National Radio and Television Product Quality Supervision and Inspection Center Beijing TIRT Testing Technology Service Co., Ltd.	COMPA 9-202111 24	2021/04/23
14			GB/T 4208-2017 Level of Protection of Enclosure (IP Codes)		Model: RS1000 Specifications or requirements: IP68		ITEA9-202112 45	2021/04/25
15		UV TEST	ASTM G154- 16		Model: Rogowski coil Specifications or requirements: UVB-340	Jiangsu UTS Testing Technology Service Co., Ltd.	UTS210 40120 M	2021/04/16
16		Impulse current tes	Self-developed standard	Lightning current collector	Model: XHLD331 Specifications or requirements: 8-20μs impulse current	Lightning Protection Product Testing Center of Shanghai Lightning Protection Center	L20210 406	2021/08/05
17	CE	Safety regulations - LVD	IEC 61869-1:2009 IEC 61869-1:2012	BCT series split core current transformer	Model: BCT Series Specifications or requirements: XH-BCT-0300, XH-BCT-0500, XH-BCT-0750, XH-BCT-1000, XH-BCT-1250 Output: 600A Max Output:0-5A,0- 5V	Beide (Shenzhen) Product Service Limited	B-S20032 8068	2020/03/18
18				split core current transformer (busbar-type)	Model: KCT Series Specifications or requirements: XH-KCT-20*30, XH-KCT-30*50, XH-KCT-50*80,XH-KCT-80*80, XH-KCT-103*35,XH-KCT-100*40, XH-KCT-100*60,XH-KCT-120*80, XH-KCT-160*80,XH-KCT-26, XH-KCT-48,XH-KCT-410, XH-KCT- 513, Output: 6000A Max Output: 0- 5A,0-5V		B-S20032 8069	2020/03/18
19				SCT series split core current transformer (square cable-type)	Model: SCT Series Specifications or requirements: XH-SCT-0750, XH-SCT-1250, XH-SCT-2000, XH-SCT- 3000, XH-SCT-6000, Output: 6000A Max Output: 0-5A,0-5V		B-S20032 8070	2020/03/18
20				T series open-close current transformer (cable-type)	Model: SCT Series Specifications or requirements: XH-SCT-06, XH- SCT-10, XH-SCT-10B, XH-SCT-16, XH-SCT-16A, XH-SCT-20, XH-SCT-24, XH-SCT-25, XH- SCT-36, XH-SCT-50, XH-SCT- 60, XH-SCT-70 Output: 2000A Max Output: 0- 5A,0-5V		B-S20032 8071	2020/03/18

List of Certificates-3

No.	Test type	Test item	Test standard	Product name	Model specification requirements	Testing agency	Report Code	Date of issuance
21	CE	Safety regulations -LVD	IEC 61869-1:2009 IEC 61869-1:2012	FSCT series split core current transformer (outdoor cable-type)	Model: FSCT Series Specifications or requirements: FSCT20,FSCT36,FSCT40, FSCT60,,FSCT68 Output: 3000A Max Output: 0-5A	Beide (Shenzhen) Product Service Limited	B-S2003 28317	2020/04/02
22				DCT series hall current sensors	Model: DCT Series Specifications or requirements: DCT21,DCT35,DCT40 Output: 2000A Max Output: 4-20mA,0-10V		B-S2003 28318	2020/04/02
23				QCT series split core current transformer	Model: QCT Series Specifications or requirements: XH-QCT- 24,XH-QCT-36 Output: 600A Max Output: 0-5A		B-S2011 32947	2020/11/17
24			EN 61140:2016, EN 62052-11:2003+A1:2017, EN 62053-21:2003+A1:2017	Three-Phase multi-function electric energy meter	Model: XHD331-R	UDEM	TLJS2 00710 25779 TEJS2 00710 25780	2020/07/21
25	UL		IEEE C57.13 STANDARD REQUIREMENTS FOR INSTRUMENT TRANSFORMERS. CAN/CSA-C61869-1 INSTRUMENT TRANSFORMERS - PART 1: GENERAL REQUIREMENTS. CAN/CSA-C61869-2:14 INSTRUMENT TRANSFORMERS - PART 2: ADDITIONAL REQUIREMENTS FOR CURRENT TRANSFORMERS		Specifications or requirements: XH-SCT- T10A+, XH-SCT-T10B+, XH-SCT-T16+, XHSCT-T24+, XH-SCT-T25+, XH-SCT-T36+, XH-SCT-T50+. XH-SCT-T70+, XH-SCT-0750+, XH- SCT-1250+, XHSCT-2000+, XH-SCT-3000+	Suzhou UL Meihua Certification Co., Ltd.	E3417 27	2017/10/05

No.	Test type	Test item	Test standard	Product name	Model specification requirements	Testing agency	Report Code	Date of issuance
26	UL	Safety regulations -LVD	UL 2808 Outline of Investigation for Energy Monitoring Current Transformers CSA-C22.2 No. 61010 - 1-12-CAN/CSA Safety	Energy-monitoring current transformer	Specifications or requirements: XH-SCTT06+, XH-SCT-T10B+, XH-SCT-T12+,XH-SCT-T18+, XHSCT-T25+, XH-SCT-T36+, XH-SCT-T50+, XH-SCT-0750+, XH-SCT-1250+, XH-SCT-2000+, XH-SCT-3000+	Suzhou UL Meihua Certification Co., Ltd.	E498920	2018/10/01
27	CE		IEC 61869-1:2009 IEC 61869-1:2012	T series open-close current transformer (cable-type)	Model: SCT Series Specifications or requirements: XH-SCT-T06,XH- SCT-T10, XH-SCT-T10B,XH-SCT-T12, XH-SCT-T16,XH-SCT-T18, XH-SCT-16A, XH-SCT-T20, XH-SCT-T24,XH-SCT- T25, XH-SCT-T36,XH-SCT-T50, XH-SCT-T60,XH-SCT-T70 Output: 2000A Max Output: 0- 5A,0-5V	Beide (Shenzhen) Product Service Limited	B-S20113 2939	2020/11/06
28	CE		EN 61000-6-3:2007+A1:2011 EN IEC 61000-6-1:2019	T series open-close current transformer (cable-type)	Model: SCT Series Specifications or requirements: XH-SCT-T06, XH-SCT-T10, XH-SCT-T10B, XH- SCT-T12, XH-SCT-T16, XH-SCT-T16A, XH-SCT-T18, XH-SCT-T20, XH-SCT-T24, XH-SCT- T25, XH-SCT-T36, XH-SCT-T50, XH-SCT-T60, XH-SCT-T70 Output: 3000A Max Output: 0- 5A,0-5V	Beide (Shenzhen) Product Service Limited	B-S20113 2943	2020/11/06
29	CE		EN 61000-6-3:2007+A1:2011 EN IEC 61000-6-1:2019	SCT series split core current transformer (square cable-type)	Model: SCT Series Specifications or requirements: XH-SCT-0750,XH- SCT-1250, XH-SCT-2000,XH- SCT-3000, XH-SCT-6000 Output: 6000A Max Output: 0- 5A,0-5V	Beide (Shenzhen) Product Service Limited	B-S20113 29327	2020/11/06
30	CE		IEC 61869-1:2009 IEC 61869-1:2012	split core current transformer (busbar-type)	Model: KCT Series Specifications or requirements: XH-KCT-20*30,XH-KCT-30*50, XH-KCT-50*80,XH-KCT-80*80, XH-KCT-103*35, XH-KCT-100*40, XH-KCT-100*60, XH-KCT-120*80, XH-KCT-160*80, XH- KCT-26, XH-KCT-48, XH-KCT- 410, XH-KCT-513 Output: 6000A Max Output: 0- 5A,0-5V	Beide (Shenzhen) Product Service Limited	B-S20113 29327	2020/11/06

List of Certificates-5

No.	Test type	Test item	Test standard	Product name	Model specification requirements	Testing agency	Report Code	Date of issuance
31	CE		EN 61000-6- 3: 2007+A1:2011 EN IEC 61000-6- 1:2019	KCT series split core current transformer (busbar-type)	Model: SCT Series Specifications or requirements: XH-KCT-20*30, XH- KCT-30*50, XH-KCT-50*80, XH- KCT-80*80, XH-KCT-103*35, XH-KCT-100*40, XH-KCT-100*60, XH-KCT-120*80, XH-KCT-160*80, XH-KCT-26, XH-KCT-48, XH-KCT-410, XH-KCT- 513 Output: 6000A Max Output: 0- 5A,0-5V	Beide (Shenzhen) Product Service Limited	B-S20113 2941	2020/11/06
32				BCT series split core current transformer	Model: BCT Series Specifications or requirements: XH-BCT-0300, XH-BCT-0500, XH-BCT-0750, XH-BCT-1000, XH-BCT-1250 Output: 600A Max Output: 0-5A,0- 5V		B-S20113 2940	2020/11/06
33				DCT series hall current sensors	Model: DCT Series Specifications or requirements: DCT21,DCT35,DCT40 Output: 2000A Max Output: 4- 20mA,0-10V		B-S20113 2945	2020/11/06
34		Safety regulations -LVD	IEC 61869-1:2009 IEC 61869-1:2012	FSCT series split core current transformer (outdoor cable-type)	Model: FSCT Series Specifications or requirements: FSCT20,FSCT30,FSCT36, FSCT40, FSCT60,FSCT68 Output: 3000A Max Output: 0-5A		B-S20113 2938	2020/11/06
35		Safety regulations -EMC	EN 61000-6- 3: 2007+A1:2011 EN IEC 61000-6- 1:2019				B-S20113 2944	2020/11/06
36				QCT series split core current transformer	Model: QCT Series Specifications or requirements: XH-QCT-24, XH- QCT-36 Output: 600A Max Output: 0-5A		B-S20113 2946	2020/11/06

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No.	Test type	Test item	Test standard	Product name	Model specification requirements	Testing agency	Report Code	Date of issuance
37	CE	Safety regulations -LVD	EN 61010-2-032- 2012	Rogowski Coil	input current:100A- 100000A Output voltage:0-0/125V (wrong certificate)	Suzhou Electronic Product Testing Institute Co., Ltd.	CJSETI-2018S03 01002E	2018/10/17
38		Safety regulations -LVD	EN 61010-2-032- 2012	Split core current transformer	Model: SCT Series Specifications or requirements: XH-SCT-T06, XH-SCT-T10, XH-SCT-T10B, XH-SCT-T16, XH-SCT-16A , XH-SCT-T20, XH-SCT-T24, XH-SCT-T25, XH-SCT-T36, XH-SCT-T50, XH-SCT-T60, XH-SCT-T70 Output: 1A-1500A Output: 0-5A,0-5V (refer to the report for details)		CJSETI-2018S03 01003E	2018/03/01
39				Three rogowski coils with integrator	Input current:100A- 100000A Output voltage:0-5V		CJSETI-2020S10 27001E	2020/11/30
40			EN 61326-1:2013 EN 61000-4-2:2009 EN 61000-4-3:2006+2008+A2:20 10 EN 61000-4-2:2012 EN 61000-4-5:2014 EN 61000-4-6:2014 EN 61000-4-8:2010 EN 61000-4-11:2004				CJSETI-2020E10 27001E	2020/11/02

No.	Test type	Test item	Test standard	Product name	Model specification requirements	Testing agency	Report Code	Date of issuance
41	CE	Safety regulations -LVD	EN 62052-11: 2003+A1:2017, EN 62053- 21: 2003+A1:2017	Three-phase multi-function electric energy meter	Model: XHD331-R	Global Testing Services Co.,Ltd	TEJS2 00710 25780	2020/07/20
42	CE	Safety regulations -LVD	IEC 61869-1:2009 IEC 61869-1:2012	Energy-monitoring low voltage current transformers (LV CT)	Model: LV CTs Series Specifications or requirements: 50/5A, 200/5A, 400/5A, 600/5A, 800/5A, 1000/5A, 1500/5A, 2000/5A		CLJS2 11101 34477	2021/11/03-2026/11/02
43	CE	Safety regulations -LVD	EN IEC 61000-6-2:2019 EN IEC 61000-6-4:2019				CLJS2 11101 34478	2021/11/03-2026/11/02
44	Test report	ROHS	EU Rohs Directive 2011/65/EU and its amendments (EU) 2015/863 IEC 62321-5:2013 IEC 62321-4:2013 +AMD1:2017 CSV IEC 62321-7-2:2017 IEC 62321-5:2013 IEC 62321-7-1:2015 IEC 62321-6:2015 IEC 62321-8:2017	Rogowski Coil	Rogowski Coil	Shanghai CTI Testing Technology Co., Ltd.	A211 80103 00710 1E	2018/06/25
45	Test report			Three-phase electric energy meter	XHD331-R		A221 03570 19101 E	2021/08/31
46	Test report			Open -type current transformer	Model: T Series de Specifications or requirements: XH-SCT-T10, XH- SCT-T70, XH-SCT-T36		A221 03287 09101 E	2021/08/13
47	UK CA	Safety regulations -LVD	BS EN 61869-1:2009 BS EN 61869-1:2012	T-series split core current transformer (cable-type)	Model: SCT Series Specifications or requirements: XH-SCT-T06, XH- SCT-T10, XH-SCT-T10B, XH- SCT-T12, XH-SCT-T16, XH-SCT-16A, XH-SCT-T18, XH-SCT-T20, XH-SCT-T24, XH-SCT-T25, XH-SCT-T36, XH-SCT-T50, XH-SCT-T70 input :1000A Output:0-5A 0-5V	Shanghai Global Testing Services Co.,Ltd	CEJS2 10923 33839	2021/10/28