

YHDC SCT013G Split Core Current Transformer



# YHDC SCT013G Split Core Current Transformer Owner's Manual

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YHDC SCT013G Split Core Current Transformer



### Specifications:

- **Characteristics:** Safety lock buckle, easy installation, cable output
- **Electrical parameters:**
  - **Rated input:** 5A, 10A, 15A, 20A, 25A, 30A, 50A, 60A, 100A
  - **Rated output:** 1V
  - **Accuracy:** 1%
  - **Weight:** 50g
  - **Turns ratio:** 1:2000
  - **Sampling resistance:** 10Ω
  - **Length of cable:** 100cm~105cm

### Product Usage Instructions

#### Installation:

1. Ensure the safety lock buckle is engaged before starting the installation process.
2. Connect the cable output securely to the designated port on your device.
3. Make sure the secondary is not allowed to short circuit during installation.

#### Electrical Connections:

When connecting the product, follow these steps:

##### 1. For voltage output type:

- Connect the standard 3.5 audio plug to the corresponding port.
- Output current should be within the specified range for optimal performance.

##### 2. For current output type:

- Use the provided 3.5mm output for current output connections.

- Avoid open circuit situations to prevent damage to the product.

### Characteristic:

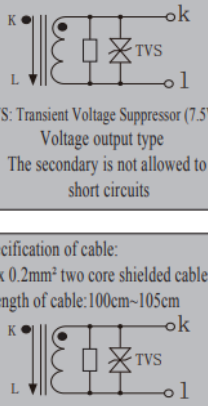
Safety lock buckle, easy installation, cable output

### Technical index

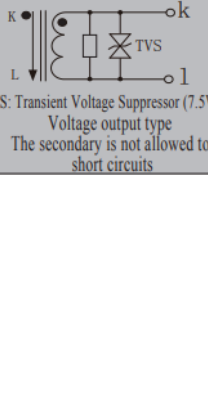
- Mounting type: Free hanging (In-Line)
- Material of core: Ferrite
- Applicable standards: GB20840-2014
- Operating temperature: -25°C ~ +70°C
- Storage temperature: -30°C ~ +90°C
- Frequency range: 50Hz-1KHz
- Dielectric strength: Input (bare conductor)/Output AC 3.5KV/1min 50Hz
- Output/Housing AC 3.5KV/1min 50Hz

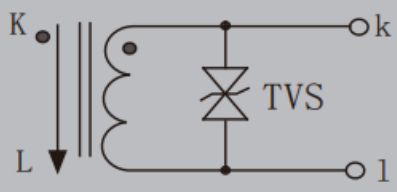
### Electrical parameters

The following parameters are typical values. The actual values shall be subject to the actual measurement of the product

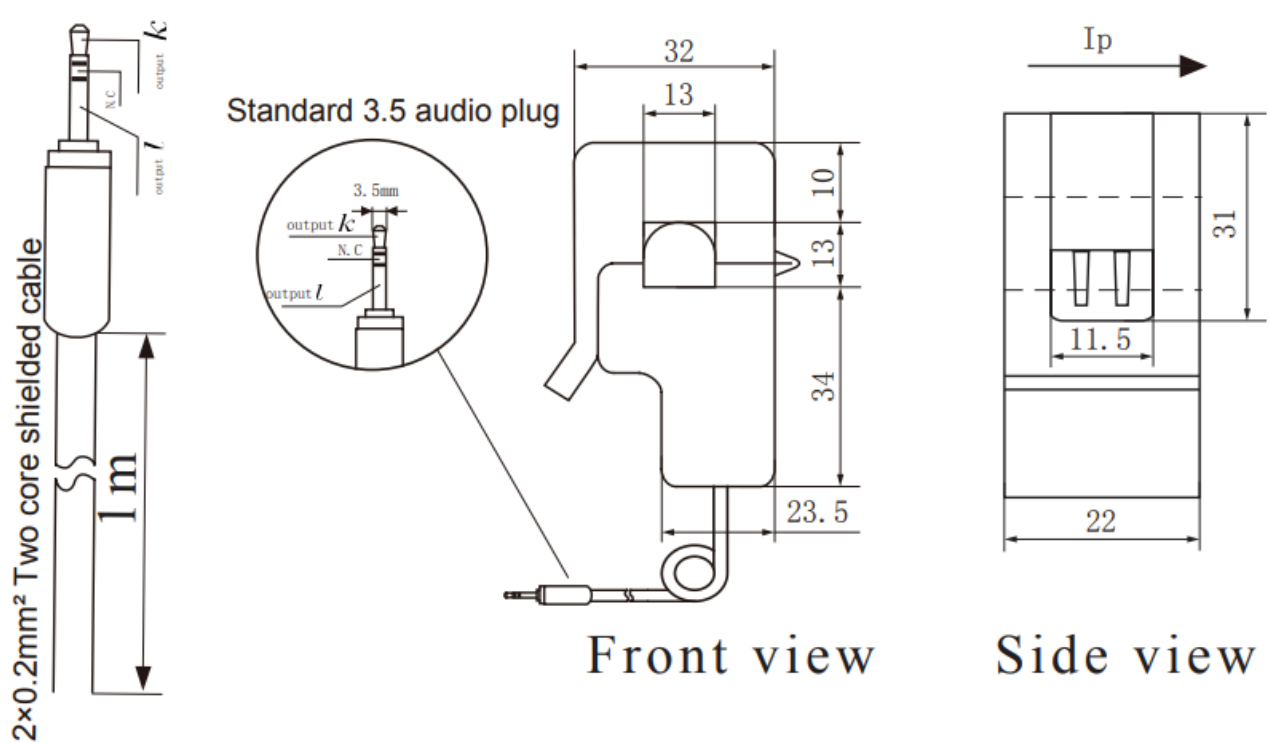
	SCT013G-005	SCT013G-010	SCT013G-015	SCT013G-020	SCT013G-025	SCT013G-030	SCT013G-050	SCT013G-060	SCT013G-100		Secification of cable: 2 x 0.2mm <sup>2</sup> two core shielded cable Length of cable:100cm~105cm
Rated input	5A	10A	15A	20A	25A	30A	50A	60A	100A	A	 <p>TVS: Transient Voltage Suppressor (7.5V) Voltage output type The secondary is not allowed to short circuits</p>
Rated output	1									V	
Accuracy	1									%	
Weight	50g									g	

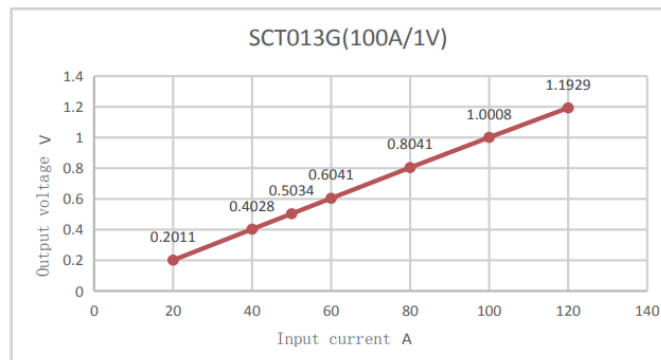
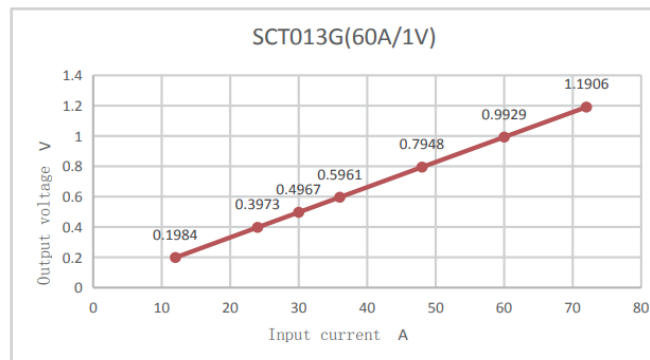
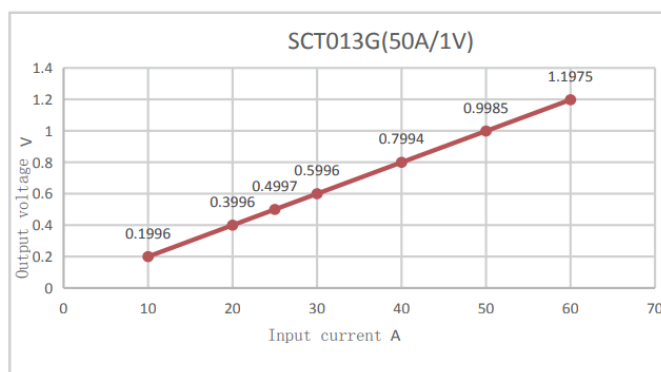
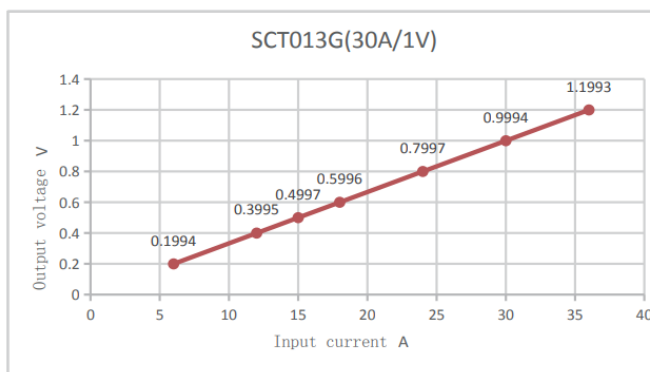
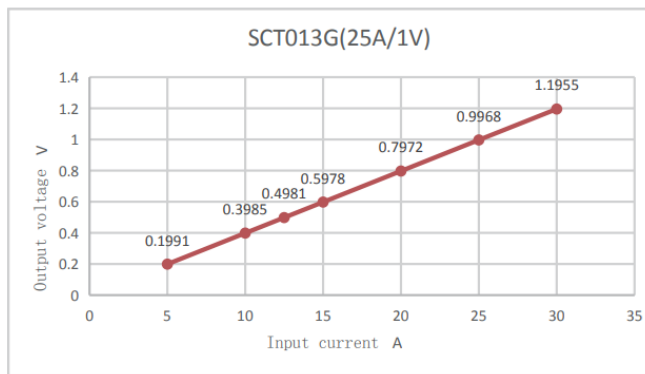
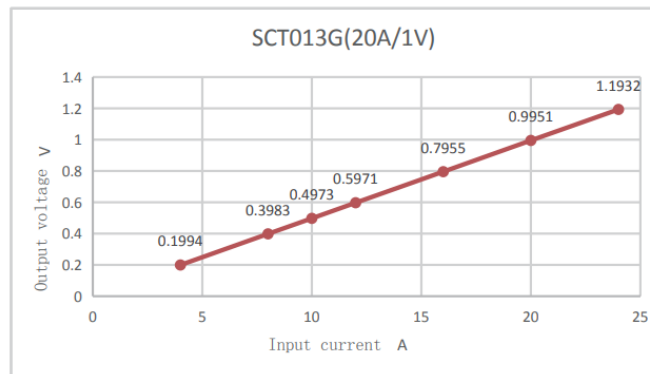
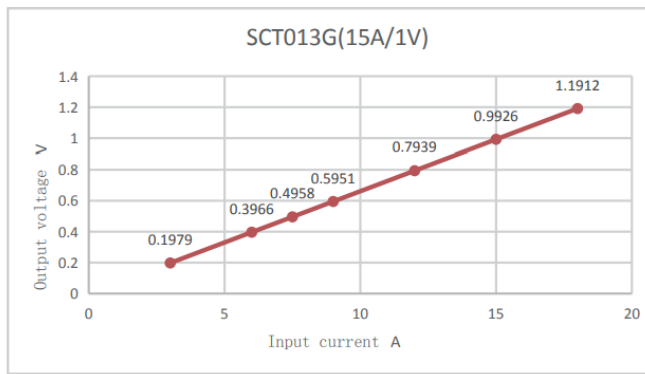
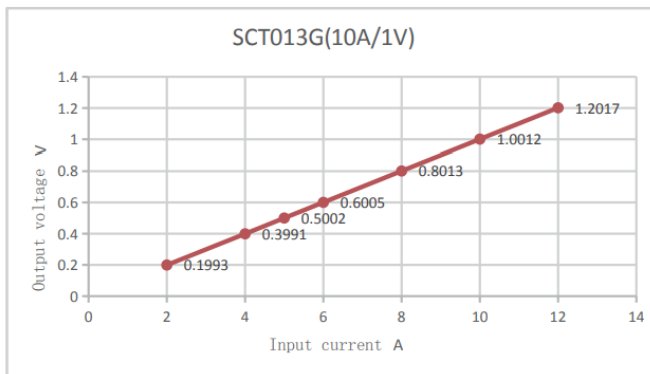
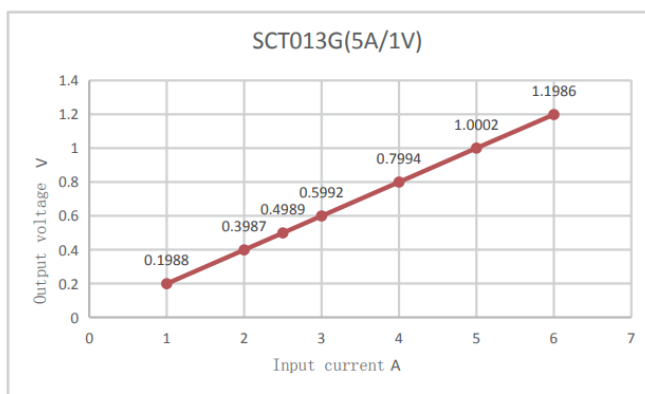
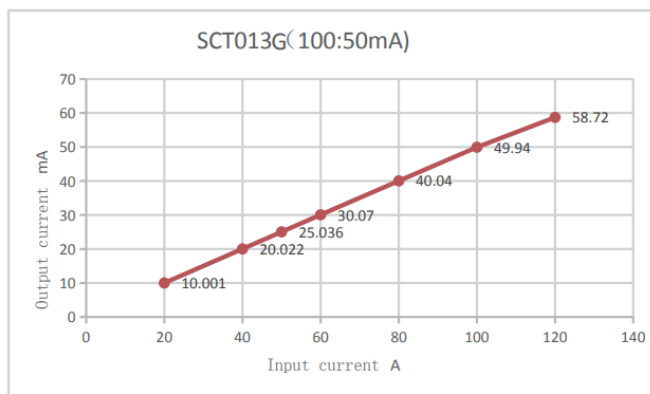
Rated input	5A	10A	15A	20A	25A	30A	50A	60A	100A	A	 <p>TVS: Transient Voltage Suppressor (7.5V) Voltage output type The secondary is not allowed to short circuits</p>
Rated output	0.333									V	
Accuracy	1									%	
Weight	50g									g	

SCT013G-000			Secification of cable: 2 x 0.2mm <sup>2</sup> two core shielded cable Length of cable:100cm~105cm 
Rated input	100A	A	
Rated output	50	mA	
Turns ratio	1:2000	—	
Sampling resistance	10	Ω	
Accuracy	1	%	
Weight	50g	g	TVS: Transient Voltage Suppressor (7.5V) Current output type The secondary is not allowed to open circuit

DIMENSION



FLOW CHART



**Q: Can I use the product without engaging the safety lock buckle?**

A: No, it is essential to engage the safety lock buckle for safe operation of the product.

**Q: What happens if the secondary is short-circuited?**

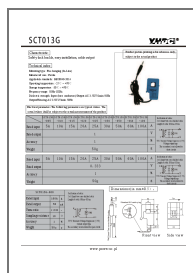
A: Short-circuiting the secondary is not allowed as it may lead to product damage or malfunction.

**Q: How should I handle the cable output during installation?**

A: Ensure the cable output is securely connected and does not face any sharp bends or kinks to maintain proper functionality.

[www.poweruc.pl](http://www.poweruc.pl)

## Documents / Resources



**[YHDC SCT013G Split Core Current Transformer](#) [pdf] Owner's Manual**

SCT013G-005, SCT013G-010, SCT013G-015, SCT013G-020, SCT013G-025, SCT013G-030, SCT013G-050, SCT013G-060, SCT013G-100, SCT013G Split Core Current Transformer, SCT013G Current Transformer, Split Core Current Transformer, SCT013G Split Current Transformer, SCT013G Transformer, SCT013G, Split Current Transformer, Transformer

## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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