



YHDC SCT006 Split Core Current Transformer Owner's Manual

[Home](#) » [YHDC](#) » YHDC SCT006 Split Core Current Transformer Owner's Manual 

Contents

- 1 YHDC SCT006 Split Core Current Transformer
- 2 Characteristics:
- 3 Technical index
- 4 Electrical parameters:
- 5 Dimension in mm±0.5 :
- 6 Product Usage Instructions
- 7 Frequently Asked Questions (FAQ)
 - 7.1 Q: Can the cable length be customized?
 - 7.2 Q: What does the TVS feature do?
 - 7.3 Q: How do I ensure proper installation?
- 8 Documents / Resources
 - 8.1 References
- 9 Related Posts

YHDC SCT006 Split Core Current Transformer



OWNER'S MANUAL

MODEL: SCT006

Product picture printing is for reference only, subject to the actual product

Characteristics:

Safety lock buckle, easy installation, cable output.

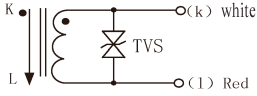
Technical index

- Mounting type: Free hanging (In-Line)
- Material of core: Ferrite
- Applicable standards: GB20840-2014
- Operating temperature: -25°C ~ +60°C
- Storage temperature: -30°C ~ +90°C
- Frequency range: 50Hz-1KHz
- Waterproof grade: IP00
- Dielectric strength: Input (bare conductor)/Output AC 800V/1min 50Hz; Output/housing AC 3.5KV/1min 50Hz

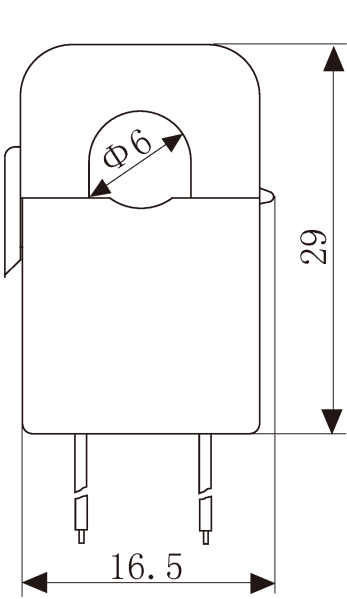
Electrical parameters:

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

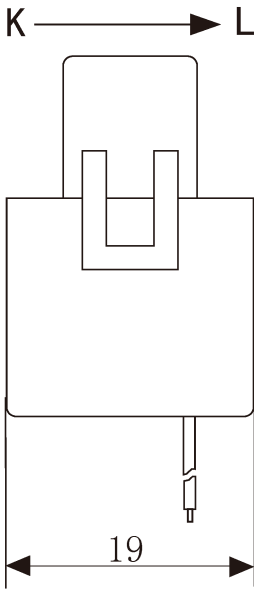
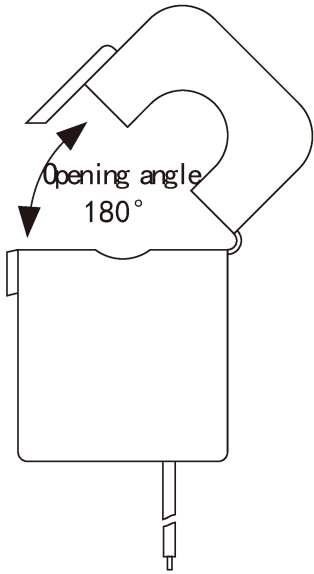
product

Rated input	1	5			10			20		A	<div>Specifications of cable: 0.35mm² high temperature wire The length of cable: 30cm~32cm</div> <div></div> <div>TVS: Transient Voltage Suppressor (7.5V) Current output type Secondary is not allowed to open circuit</div>
Rated output	1	2.5	5	10	5	10	20	20	25	mA	
Turns ratio	1:1000	1:2000	1:1000	1:500	1:2000	1:1000	1:500	1:1000	1:800	—	
Sampling resistance	5	10	5	5	10	5	5	5	5	Ω	
Accuracy	1										%
Weight	25										g

Dimension in mm±0.5 :

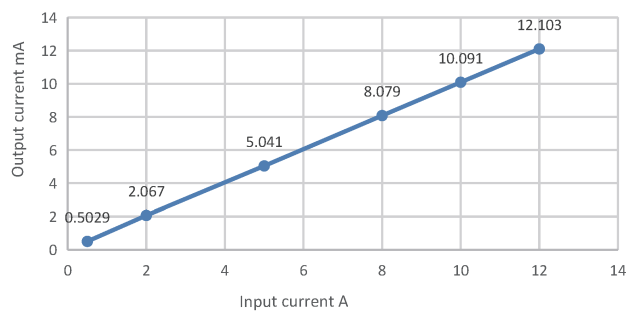


Front view

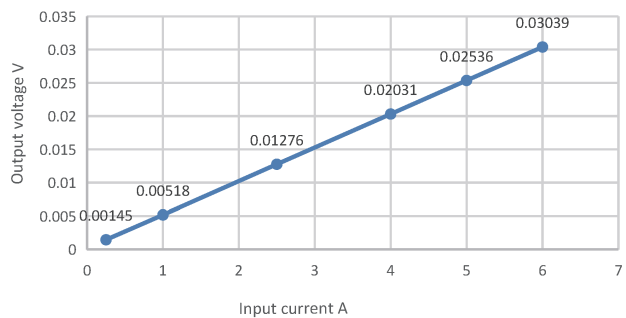


Side view

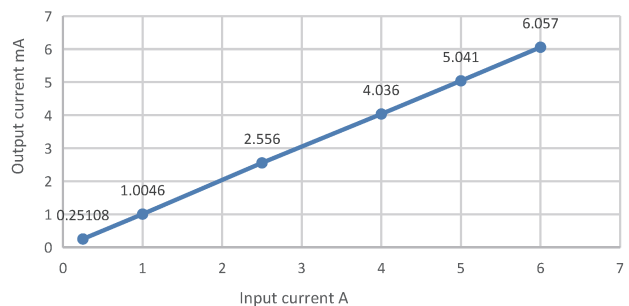
SCT006(5A:2.5mA)



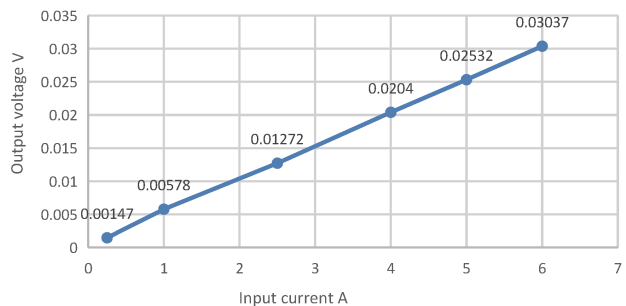
SCT006(5A:2.5mA) Load 10Ω



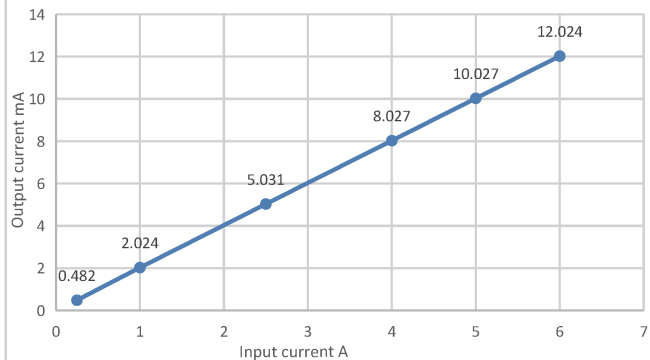
SCT006(5A:5mA)



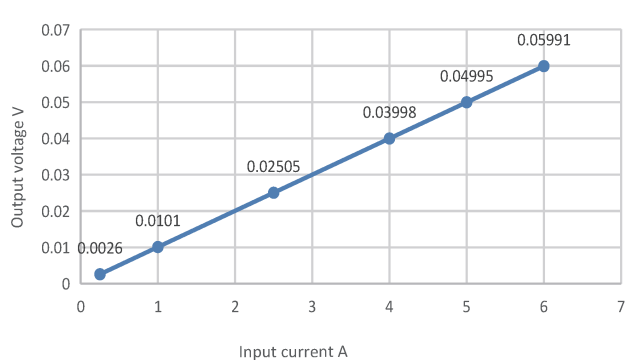
SCT006(5A:5mA) Load 5Ω



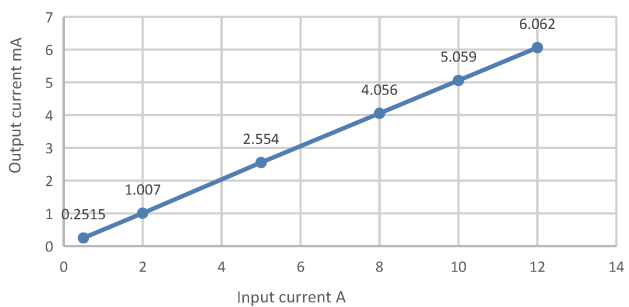
SCT006(5A:10mA)



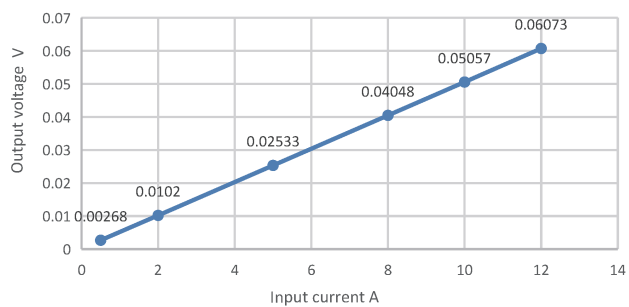
SCT006(5A:10mA) Load 5Ω

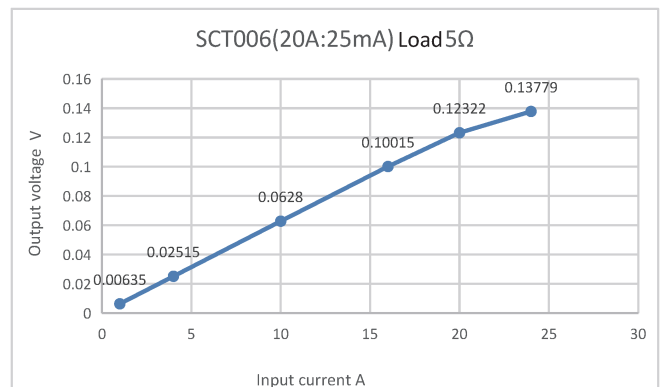
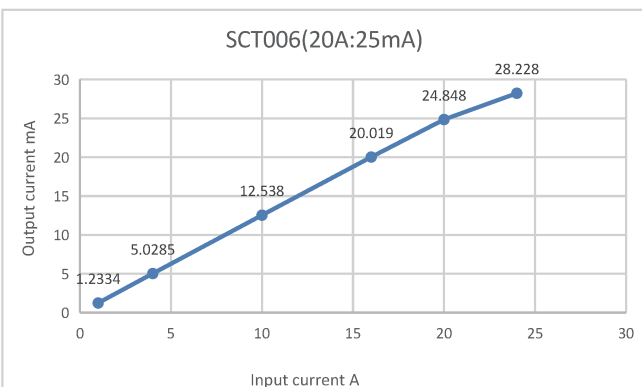
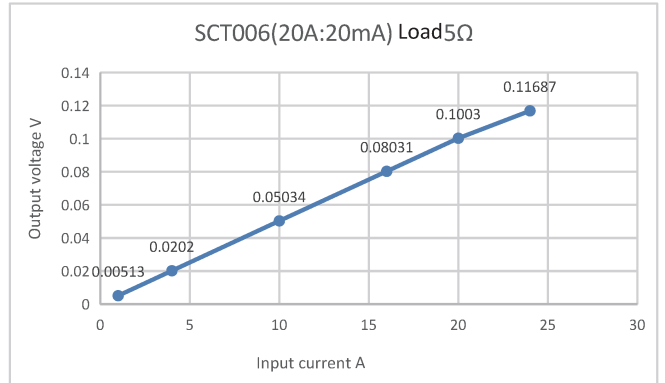
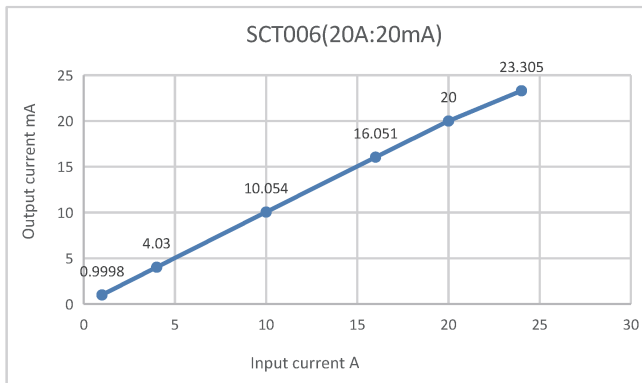
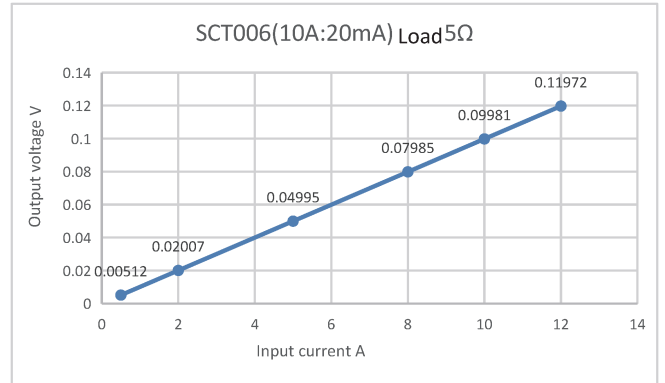
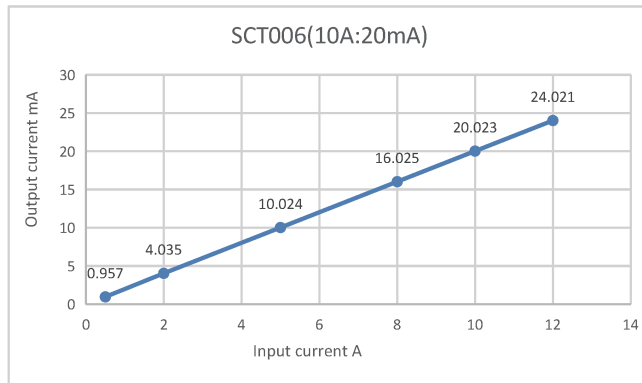
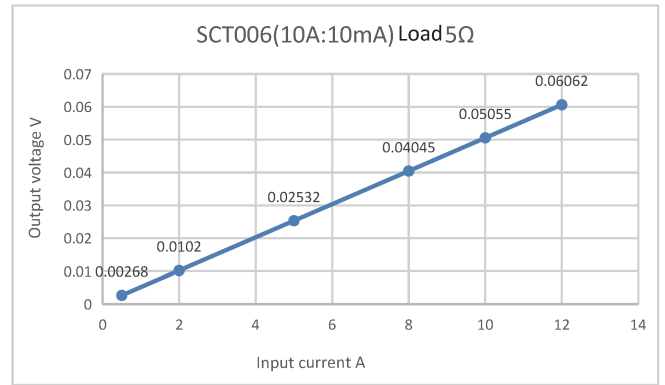
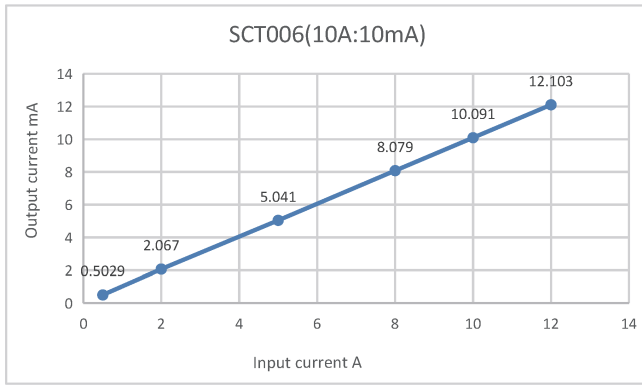


SCT006(10A:5mA)



SCT006(10A:5mA) Load 10Ω





Product Usage Instructions

1. Ensure the safety lock buckle is properly engaged before installation.
2. Connect the cable output to the corresponding device securely.
3. Refer to the specific electrical parameters for input and output requirements.
4. Do not open the secondary circuit during operation.

5. Handle the product with care to maintain accuracy and prevent damage.

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Frequently Asked Questions (FAQ)

Q: Can the cable length be customized?

A: The cable length should be within the specified range of 30cm~32cm for optimal performance and safety.

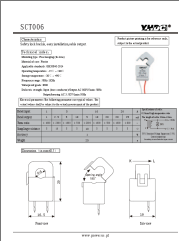
Q: What does the TVS feature do?

A: The Transient Voltage Suppressor (TVS) helps protect against voltage spikes and surges in the current output.

Q: How do I ensure proper installation?

A: Make sure to engage the safety lock buckle securely and connect the cable output following the provided instructions.

Documents / Resources

	<p>YHDC SCT006 Split Core Current Transformer [pdf] Owner's Manual SCT006 Split Core Current Transformer, SCT006, Split Core Current Transformer, Core Current Transformer, Current Transformer, Transformer</p>
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References

- [User Manual](#)

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

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