

YHDC®
SCT024SL Split
Core Current
Transformer



YHDC SCT024SL Split Core Current Transformer Owner's Manual

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YHDC SCT024SL Split Core Current Transformer



Product Information

Specifications:

- Safety lock buckle for secure usage
- Easy installation process
- Cable output for convenient connectivity
- **Waterproof grade:** IP00
- **Dielectric strength:**
 - **Input (bare conductor)/Output AC:** 800V/1min 50Hz
 - **Output/housing AC:** 3.5KV/1min 50Hz
- **Electrical parameters:**
 - **Rated input:** 50-400 A
 - **Rated output:** 100-300 A
 - **Turns ratio:** 1:1000 to 1:8000
 - **Sampling resistance:** 8-50 K
 - **Accuracy:** 1%
 - **Weight:** 226 g
 - **Current output type:** Secondary is not allowed to open the circuit
- **Length of cable:** 100cm~105cm

Product Usage Instructions

Installation:

1. Ensure the safety lock buckle is securely fastened before installation.
2. Connect the cable output to the designated port on the device.

3. Follow the provided guidelines for an easy installation process.

Usage:

1. Make sure the product is properly installed and connected.
2. Avoid opening the secondary circuit to prevent damage.
3. Refer to the user manual for specific usage instructions based on your application.

FAQs

Q: Can the product be used outdoors?

A: The product has a waterproof grade of IP00, making it suitable for indoor use only.

Q: What is the weight of the product?

A: The product weight is 226 grams.

Q: What is the length of the cable?

A: The cable length ranges from 100cm to 105cm for flexible connectivity.

Characteristic


- Safety lock buckle
- Easy installation
- cable output

Technical index

- **Mounting type:** Free hanging (In-Line)
- **Material of core:** Laminated silicon steel
- **Applicable standards:** GB20840-2014
- **Operating temperature:** -25°C ~ +60°C
- **Storage temperature:** -30°C ~ +90°C
- **Frequency range:** 50Hz-60Hz
- **Waterproof grade:** IP00
- **Dielectric strength:**

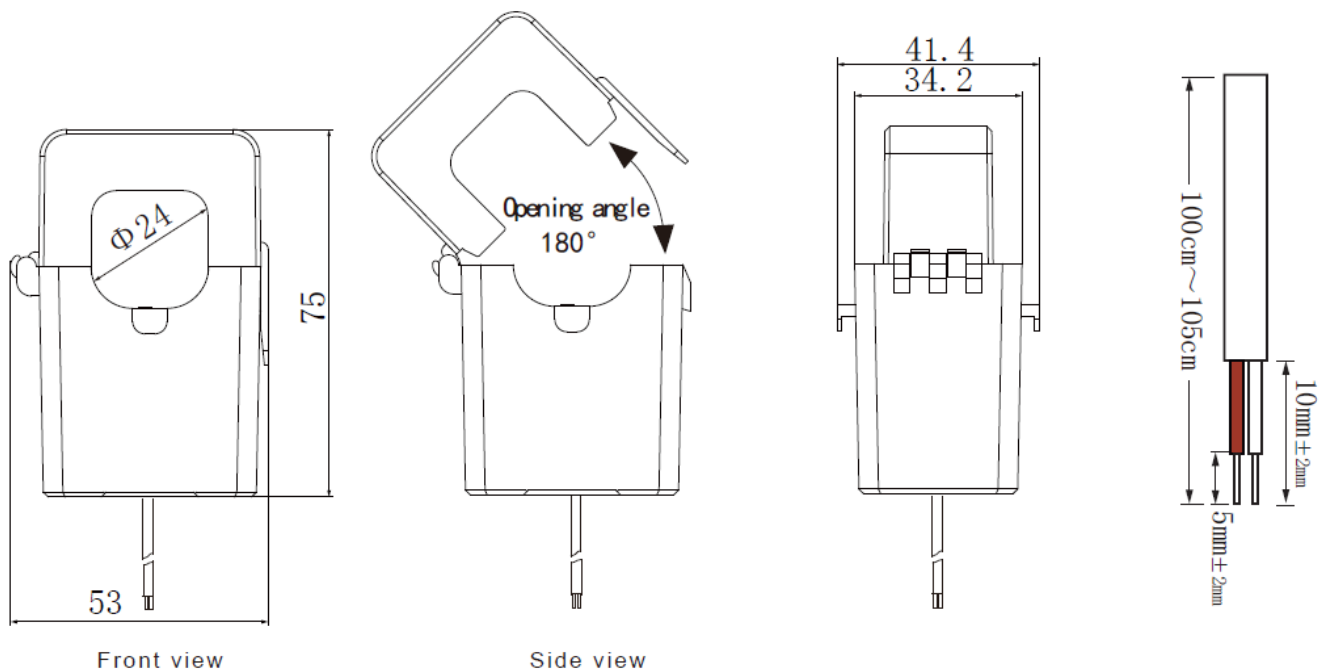
- Input (bare conductor)/Output AC 800V/1min 50Hz
- Output/housing AC 3.5KV/1min 50Hz

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

Rated input	50		100		200			300		400			A	<div>Specifications of cable: 2 x 0.2mm² two core sheathed cable The length of cable:100cm~105cm</div> <div><div>K L (k) white (l) red TVS</div></div>
Rated output	50	100	50	100	20	50	100	50	100	50	80	100	mA	
Turns ratio	1:1000	1:500	1:2000	1:1000	1:10000	1:4000	1:1000	1:6000	1:3000	1:8000	1:5000	1:4000	—	
Sampling resistance	20	10	20	10	50	20	10	20	10	20	20	8	Ω	
Accuracy	1												%	
Weight	226												g	

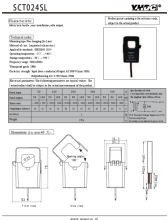
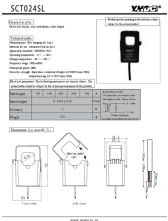
Dimensions

Dimensions (in:mm±0.5):



www.poweruc.pl

Documents / Resources

	<p>YHDC SCT024SL Split Core Current Transformer [pdf] Owner's Manual</p> <p>SCT024SL-50A, SCT024SL-100A, SCT024SL-200A, SCT024SL-300A, SCT024SL Split Core Current Transformer, SCT024SL, Split Core Current Transformer, Core Current Transformer, Current Transformer</p>
	<p>YHDC SCT024SL Split Core Current Transformer [pdf] Owner's Manual</p> <p>SCT024SL-50A, SCT024SL-100A, SCT024SL-200A, SCT024SL-300A, SCT024SL Split Core Current Transformer, SCT024SL, Split Core Current Transformer, Current Transformer</p>

References

- [User Manual](#)

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

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