

□ 31mm × 31mm Φ Split core current transformer



Characteristic

- Safety lock clasp, easy to install
- Leading wire output (0.5mm Black and white twisted pair)
- Can be customized a variety of output
- Suspended type

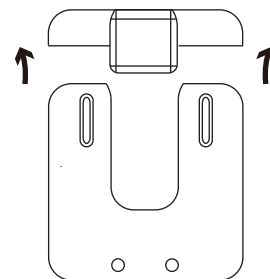
Product application

- Portable instrument
- Household metering
- Monitor motor load

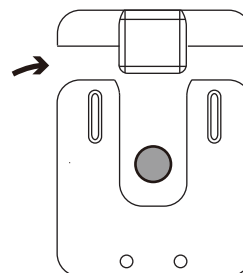
Product advantage

- Small volume, Light weight
- Low cost
- High turns, High precision

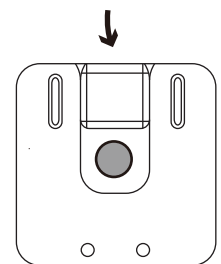
Installation diagram



1. Open upward



2. Put in lead wire



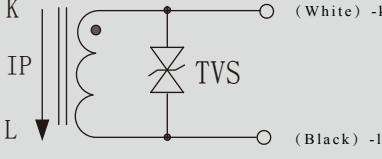
3. Fasten

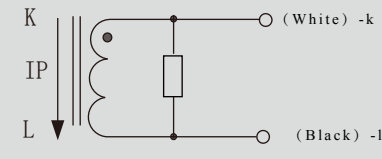
Typical technical index:

- Material of core——Silicon steel sheet
- Working voltage——Phase voltage $\leq 720V$
- Working temperature—— $-25^{\circ}C \sim +70^{\circ}C$
- Storage temperature—— $-40^{\circ}C \sim +85^{\circ}C$
- Frequency range—— $50Hz \sim 60Hz$
- Dielectric strength——output/shell AC 3.5KV/1min 5mA 50Hz
- Weight--245g

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

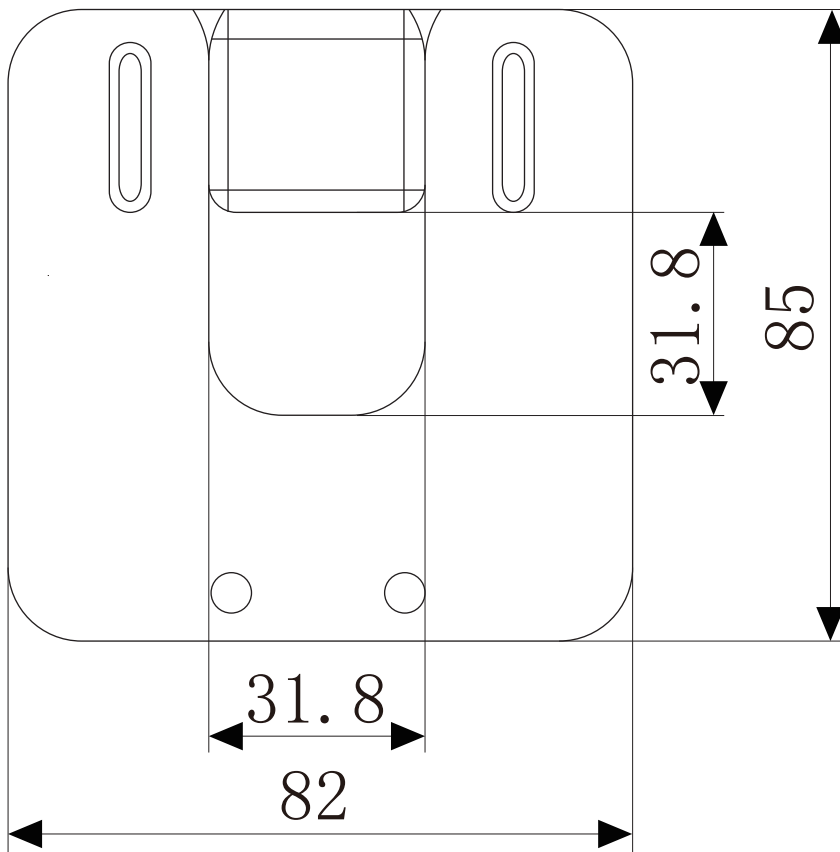
Can be made according to user requirements parameters

Model	Input current	Output voltage	Turns ratio	Accuracy	sampling resistance	Lead specification/schematic diagram
SCT031QL	100A	0.1A	1:1000	1%	10 Ω	<p>Leading wire specification: 0.3mm² Black and white twisted pair lead length:100cm~102cm</p>  <p>TVS Transient voltage suppressor(7.5V) current output type. the secondary is not allowed to open.</p>
SCT031QL	200A	0.1A	1:2000	1%	20 Ω	
SCT031QL	300A	0.1A	1:3000	1%	20 Ω	
SCT031QL	400A	0.1A	1:4000	1%	20 Ω	
SCT031QL	500A	0.1A	1:5000	1%	20 Ω	
SCT031QL	600A	0.1A	1:6000	1%	20 Ω	

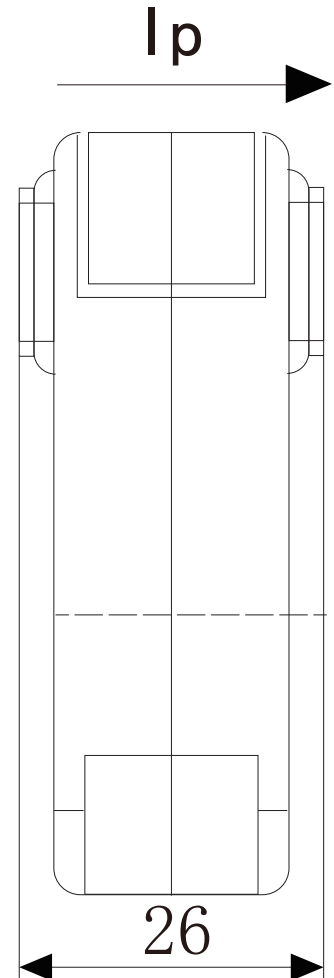
Model	Input current	Output voltage	Accuracy	Load impedance	Lead specification/schematic diagram
SCT031QL	100A	0.333V	1%	$\geq 10K \Omega$	<p>Leading wire specification: 0.5mm² Black and white twisted pair lead length:100cm~102cm</p>  <p>sampling resistance built-in voltage output type not allowed secondary short circuit</p>
SCT031QL	200A	0.333V	1%	$\geq 10K \Omega$	
SCT031QL	300A	0.333V	1%	$\geq 10K \Omega$	
SCT031QL	400A	0.333V	1%	$\geq 10K \Omega$	
SCT031QL	500A	0.333V	1%	$\geq 10K \Omega$	
SCT031QL	600A	0.333V	1%	$\geq 10K \Omega$	

Outline size: (in:mm ± 0.5)

Core opening and closing way: pull plug type



Front view



Side view