

## Split Core Current Transformers GWSCCT681C Series

**GWSCCT681C-013 series** retro-fit (split-core) current transformer has been specially designed to facilitate their installation in new or already existing net works. They may be installed without opening any cable or bus-bar circuit. An internal precision resistor across the secondary winding of the CT provides a low safe voltage output. It can save time and the installation costs.

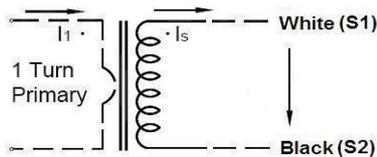
### ◆ Features

- Double-screw fastening, safe, easy to install, portable
- Wide inner window, allowing clamping of big cables or bus-bars
- Wide range of sizes to accommodate all the existing installations

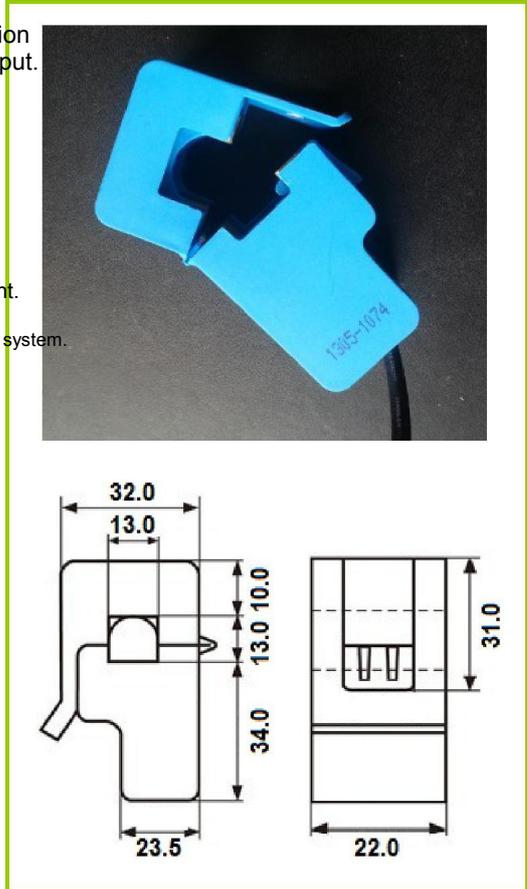
### ◆ Applications

- Current measurement, monitoring and protection for electrical wiring and equipment.
- Current and power measurement for electric motors, lighting, air compressor, heating and ventilation system, air-condition equipment and automation – control system.
- Current, power and energy monitoring device.
- Relay protection device.

### ◆ Circuit connection diagram



### ◆ Technique Index



Electrical Parameter	
Frequency	50-20KHz
Rated Input	0-100A
Measuring range	5%In-130%In
Rated Output	0-50mA/0-1V
Ratio	≤ ± 0.5%
Phase angle	≤ ±30min
Dielectric strength	2.5KV/1mA/1min
Insulation Resistance	DC500V/100MΩ min

Mechanical Parameter	
Case	PA /UL94-V0
Bobbin	PA
Core	Ferrite
Internal structure	Epoxy
Construction	Tie
Operating Temp	-25℃~+75℃
Operating Humidity	≤85%
Output Connection	1015/22AWG Wire(twinsted wire) 1.0m



**TIANJIN GREWIN TECHNOLOGY CO.,LTD.**  
Web:[www.grewin-tech.com](http://www.grewin-tech.com) WhatsApp:+86-13072088960  
Email:salesmanager@grewin-tech.com

◆ **Type Selection** (Output: A)

<b>Mfg P/N</b>	<b>Rated Input (A)</b>	<b>Output (mA/V)</b>	<b>Accuracy</b>
SCCT681C-013	0-5A	0-1V	0.5、1.0、3.0
SCCT681C-013	0-50A	0-2V	0.5、1.0、3.0
SCCT681C-013	0-100A	0-1V	0.5、1.0、3.0
SCCT681C-013	0-100A	0-50mA	0.5、1.0、3.0