

## TIANJIN GREWIN TECHNOLOGY CO., LTD.

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# **Split Core Current Transformers**

### **GWSCCT660C Series**

GWSCCT660C 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.

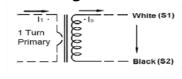
#### **Features**

- The structure of the self-locking, 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

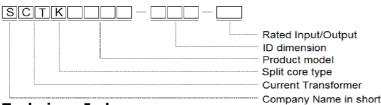
#### Applications

- 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.

#### Circuit connection diagram



#### Designation



#### **Technique Index**

Electrical Parameter			Mechanical Parameter					
Frequency	50-2.5KHz		Case	PC/UL94-V0				
Rated Input	0.5A-1000A		Bobbin	РВТ				
Measuring range	10%ln-130%ln		Core	Permalloy				
Rated Output	0.333V(AC) or 0-5A		Internal structure	Ероху				
Ratio	≤± 0.2%		Construction	Tie				
Phase angle	≤ ±10min		Operating Temp	− <b>25</b> °C~+ <b>75</b> °C				
Dielectric strength	5.0KV/1mA/1min		Operating Humidity	≤85%				
Insulation Resistance	DC500V/100MΩ min		Output Connection	Terminal or UL1015 22AWG Wire 1.5m				

	Rated Input	Output (mA/V)	Accuracy	Dimension(mm)			
P/N	(A)			Α	В	С	D
GWSCCT660C-010	0.5-100A	0.333V/0-50mA	0.2、0.5、1.0	57.0	50.0	22.0	10.0
GWSCCT660C-019	1-250A	0.333V/0-50mA	0.2、0.5、1.0	66.0	59.0	22.0	19.0
GWSCCT660C-025	5-400A	0.333V/0-200mA/1A/5A	0.2、0.5、1.0	73.0	65.0	22.0	25.0
GWSCCT660C-032	5-630A	0.333V/0-200mA/1A/5A	0.2、0.5、1.0	82.0	74.0	22.0	32.0
GWSCCT660C-045	5-1000A	0.333V/0-500mA/1A/5A	0.2、0.5、1.0	95.0	86.0	22.0	45.0

