

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.

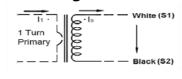
Features

- 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

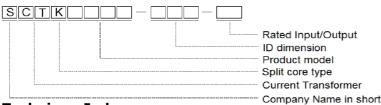
Applications

- 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 | − 25 °C~+ 75 °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 |



