

## Split Core Current Transformers GWSCCT667A-040 Series

**GWSCCT667A-040 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.

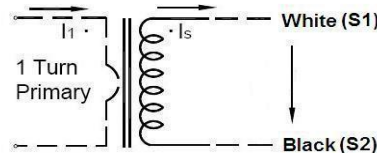
### ◆ Features

- 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

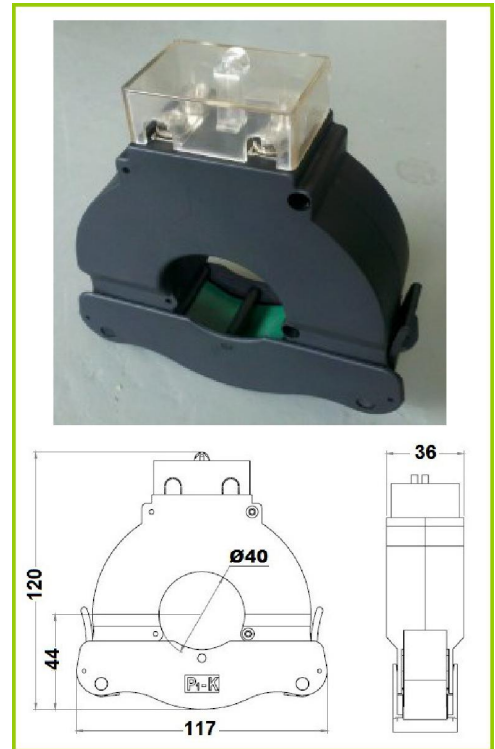
### ◆ Applications

- 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	50-400Hz
Rated Input	100A-1000A
Measuring range	5%In-130%In
Rated Output	5A/1A
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	Silicon steel
Internal structure	Epoxy
Construction	Tie
Operating Temp	-25°C ~ +75°C
Operating Humidity	≤85%
Output Connection	Terminal



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◆ **Type Selection**(Output: A)

Input/Output (A)	Burden(VA)/Class		
	0.5	1.0	3.0
100/5	1.5	2.5	3.75
150/5	1.5	2.5	3.75
200/5	1.5	2.5	5
250/5	1.5	2.5	5
300/5	2.5	2.5	5
400/5	2.5	3.75	5
500/5	2.5	3.75	5
600/5	2.5	3.75	5
800/5	5	10	15
1000/5	5	10	15

Input/Output (A)	Burden(VA)/Class		
	0.5	1.0	3.0
100/1	1.5	2.5	3.75
150/1	1.5	2.5	3.75
200/1	1.5	2.5	5
250/1	1.5	2.5	5
300/1	1.5	2.5	5
400/1	2.5	3.75	5
500/1	2.5	3.75	5
600/1	2.5	3.75	5
800/1	5	10	15
1000/1	5	10	15