

**SCTK660B 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.

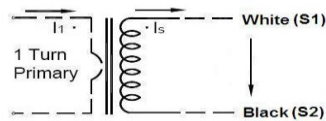
### ◆ Features

- 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

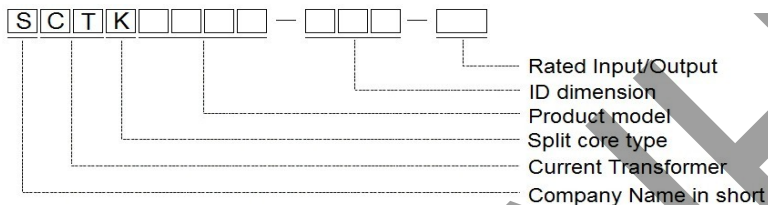
### ◆ Applications

- 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	PBT
Measuring range	10%In-130%In	Core	Permalloy
Rated Output	0.333V(AC) or 0-5A	Internal structure	Epoxy
Ratio	$\pm 0.2\%$	Construction	Tie
Phase angle	$\leq \pm 10\text{min}$	Operating Temp	$-25^{\circ}\text{C} \sim +75^{\circ}\text{C}$
Dielectric strength	5.0KV/1mA/1min	Operating Humidity	$\leq 85\%$
Insulation Resistance	DC500V/100MΩ min	Output Connection	Terminal or UL1015 22AWG Wire 1.5m

### ◆ Type Selection

P/N	Rated Input (A)	Output (mA/V)	Accuracy	Dimensions(mm)					
				A	B	C	D	E	F
SCTK660B-010	0.5-100A	0.333V/0-50mA	0.2、0.5、1.0	57.6	50.0	22.0	5.0	16.7	25.0
SCTK660B-019	1-250A	0.333V/0-100mA/1A	0.2、0.5、1.0	66.6	59.0	22.0	9.5	25.7	29.5
SCTK660B-025	5-400A	0.333V/0-200mA/1A/5A	0.2、0.5、1.0	73.1	65.0	22.0	12.5	31.7	32.5
SCTK660B-032	5-630A	0.333V/0-200mA/1A/5A	0.2、0.5、1.0	82.1	74.0	22.0	16.0	38.7	37.0
SCTK660B-045	5-1000A	0.333V/0-500mA/1A/5A	0.2、0.5、1.0	95.1	87.0	22.0	22.5	53.7	43.5

