

Split Core Current Transformer

SCTK752B Series

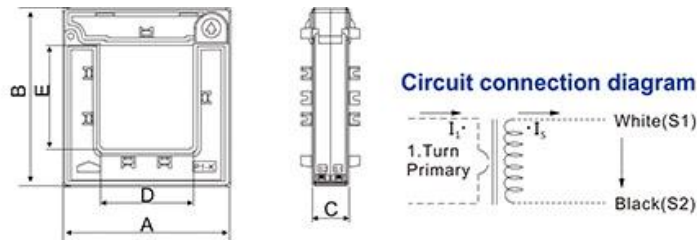
SCTK752B series retro-fit (split-core) current transformer has been specially designed to facilitate their installation in new or already existing net works. They may be installed without opening any cable or bus-bar circuit. An internal precision resistor across the secondary winding of the CT provides a low safe voltage output. It can save time and the installation costs.

Application

- 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 EC control system. Current , power and energy monitoring device.
- Relay protection device.

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



Technique Index

Electrical Parameter		Mechanical Parameter	
Frequency	50-2.5KHz	Case	PC/UL94-V0
Rated Input	5A-6000A	Bobbin	PC
Measuring range	10%In-130%In	Core	Silicon
Rated Output	0.333V(AC) or 0-5A	Internal structure	Epoxy
Ratio	$\leq \pm 0.1\%$	Construction	Tie
Phase angle	$\leq \pm 5\text{min}$	Operating Temp	- 25°C ~ + 75°C
Dielectric strength	5.0KV/1mA/1min	Operating Humidity	$\leq 85\%$
Insulation Resistance	DC500V/100M Ω /min	Output Connection	Terminal or UL18AWG Wire 1.5m

Type Selection

Mfg P/N	Rated Input (A)	Out put (mA/V)	Accuracy	Dimensions(mm)				
				A	B	C	D	E
SCTK752B-0203	5-400A	0-200mA/1A/5A/0.333V	0.1	94.0	104.0	40.0	25.5	33.0
SCTK752B-0508	5-1000A	0-200mA/1A/5A/0.333V		114.0	144.0	32.0	50.0	80.0
SCTK752B-0809	5-1600A	0-200mA/1A/5A/0.333V	0.2	144.0	154.0	32.0	80.0	90.0
SCTK752B-0812	5-2000A	0-200mA/1A/5A/0.333V	0.5	144.0	184.0	32.0	80.0	120.0
SCTK752B-0816	5-5000A	0-200mA/1A/5A/0.333V	1.0	160.0	240.0	45.0	80.0	160.0
SCTK752B-1015	5-5000A	0-200mA/1A/5A/0.333V		185.0	235.0	45.0	105.0	155.0
SCTK752B-1318	5-6000A	0-200mA/1A/5A/0.333V		210.0	260.0	45.0	130.0	180.0