

SCTK732A 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.

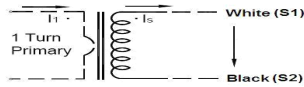
◆ Features

- 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

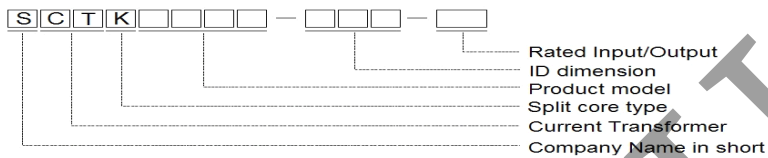
◆ Applications

- 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.

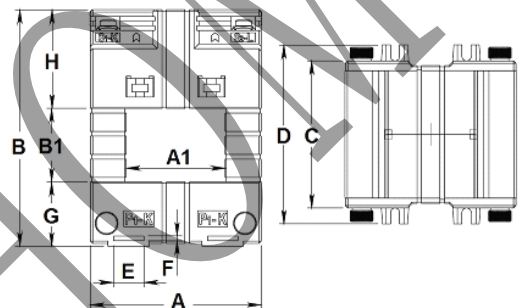
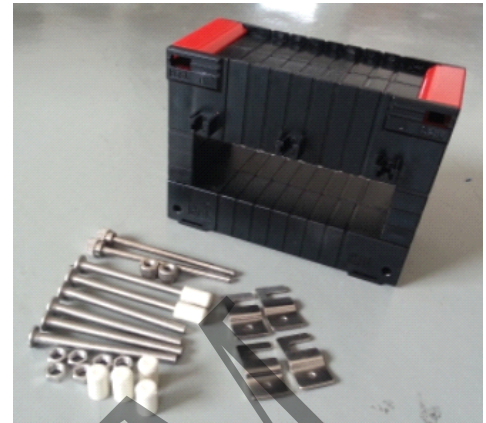
◆ Circuit connection diagram



◆ Designation



◆ Technique Index



Electrical Parameter

Frequency	50-2.5KHz
Rated Input	0.5A-5000A
Measuring range	10%In-130%In
Rated Output	0.333V(AC) or 0-5A
Ratio	$\pm 0.2\%$
Phase angle	$\leq \pm 10\text{min}$
Dielectric strength	5.0KV/1mA/1min
Insulation Resistance	DC500V/100MΩ min

Mechanical Parameter

Case	PC+ABS/UL94-V0
Bobbin	PC+ABS
Core	Silicon
Internal structure	Epoxy
Construction	Tie
Operating Temp	$-25^{\circ}\text{C} \sim +75^{\circ}\text{C}$
Operating Humidity	$\leq 85\%$
Output Connection	Terminal

◆ Type Selection (Output: 1A/5A/0.333V)

Mfg P/N	Input (A)	Output (A/V)	Accuracy	Dimensions(mm)									
				A1	B1	A	B	C	D	E	F	G	H
SCTK732A-330	0-630A	1A/5A/0.333V	0.2, 0.5, 1.0	33	32	65	104	64	78	13	2	28	44
SCTK732A-430	0-800A	1A/5A/0.333V	0.2, 0.5, 1.0	43	32	75	104	64	78	13	2	28	44
SCTK732A-530	0-1250A	1A/5A/0.333V	0.2, 0.5, 1.0	53	32	85	104	64	78	13	2	28	44
SCTK732A-630	0-1600A	1A/5A/0.333V	0.2, 0.5, 1.0	63	32	95	104	64	78	13	2	28	44
SCTK732A-830	0-2000A	1A/5A/0.333V	0.2, 0.5, 1.0	83	32	115	104	64	78	13	2	28	44
SCTK732A-1030	0-2500A	1A/5A/0.333V	0.2, 0.5, 1.0	103	32	135	104	64	78	13	2	28	44
SCTK732A-1230	0-2500A	1A/5A/0.333V	0.2, 0.5, 1.0	123	32	155	104	64	78	13	2	28	44
SCTK732A-1330	0-2500A	1A/5A/0.333V	0.2, 0.5, 1.0	133	32	165	104	64	78	13	2	28	44
SCTK732A-1430	0-2500A	1A/5A/0.333V	0.2, 0.5, 1.0	143	32	175	104	64	78	13	2	28	44
SCTK732A-350	0-630A	1A/5A/0.333V	0.2, 0.5, 1.0	33	52	65	124	64	78	13	2	28	44
SCTK732A-450	0-800A	1A/5A/0.333V	0.2, 0.5, 1.0	43	52	75	124	64	78	13	2	28	44
SCTK732A-550	0-1250A	1A/5A/0.333V	0.2, 0.5, 1.0	53	52	85	124	64	78	13	2	28	44

SCTK732A-650	0-1600A	1A/5A/0.333V	0.2、0.5、1.0	63	52	95	124	64	78	13	2	28	44
SCTK732A-850	0-2000A	1A/5A/0.333V	0.2、0.5、1.0	83	52	115	124	64	78	13	2	28	44
SCTK732A-1050	0-2500A	1A/5A/0.333V	0.2、0.5、1.0	103	52	135	124	64	78	13	2	28	44
SCTK732A-1250	0-2500A	1A/5A/0.333V	0.2、0.5、1.0	123	52	155	124	64	78	13	2	28	44
SCTK732A-1350	0-2500A	1A/5A/0.333V	0.2、0.5、1.0	133	52	165	124	64	78	13	2	28	44

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