

Split Core Current Transformers

GWSCCT662 Series

GWSCCT662 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.

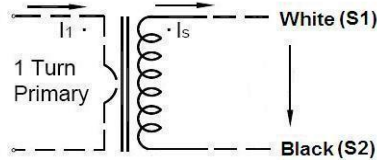
◆ Features

- Epoxy Potting, 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	5A-3000A
Measuring range	5%In-130%In
Rated Output	0-10V(AC) or 0-5A
Ratio	≤ ± 0.2%
Phase angle	≤ ±10min
Dielectric strength	2.5KV/1mA/1min
Insulation Resistance	DC500V/100MΩ min

Mechanical Parameter

Case	PC /UL94-V0
Bobbin	PBT
Core	Silicon steel
Internal structure	Epoxy
Construction	Tie
Operating Temp	-25℃~+75℃
Operating Humidity	≤85%
Output Connection	UL1015 22AWG Wire(twinsted wire) 2.5m

◆ Type Selection (Output: mA/V)

Mfg P/N	Rated Input (A)	Output (mA/V)	Accuracy	Dimensions(mm/inch)					
				Ø	A	B	C	D	E
SCCT662A-025	5-400A (5, 100, 250, 400A)	0-200mA 0-10V	0.2, 0.5, 1.0	25 (1.00)	98 (3.86)	70 (2.76)	22 (0.87)	16 (0.63)	30 (1.18)
SCCT662B-045	50-1000A (50, 250, 400, 1000A)	0-500mA 0-10V	0.2, 0.5, 1.0	45 (1.77)	128 (5.04)	98 (3.86)	26 (1.02)	16 (0.63)	32 (1.26)
SCCT662C-065	100-1500A (100, 800, 1000, 1500A)	0-500mA 0-10V	0.2, 0.5, 1.0	65 (2.56)	148 (5.83)	118 (4.65)	26 (1.02)	16 (0.63)	34 (1.34)
SCCT662D-080	500-2000A (500, 1000, 1500, 2000A)	0-500mA 0-10V	0.2, 0.5, 1.0	80 (3.15)	164 (6.46)	132 (5.20)	28 (1.10)	16 (0.63)	36 (1.42)
SCCT662E-100	800-3000A (800, 1000, 2500, 3000A)	0-600mA 0-10V	0.2, 0.5, 1.0	100 (3.94)	194 (7.64)	162 (6.38)	30 (1.18)	16 (0.63)	38 (1.50)