

SCT10-60 4-20mADC

SCT10-60 series transformer 4-20mADC or voltage signal output transmitter

The current transmitter converts the AC current signal into a standard electrical signal, and drives and transmits it in a constant voltage or constant current mode; it has the advantages of high precision, small size, low power consumption, strong anti-interference ability, etc. It is especially suitable for motors and intelligent low voltage monitoring system for load current such as power distribution cabinet and PLC automation.



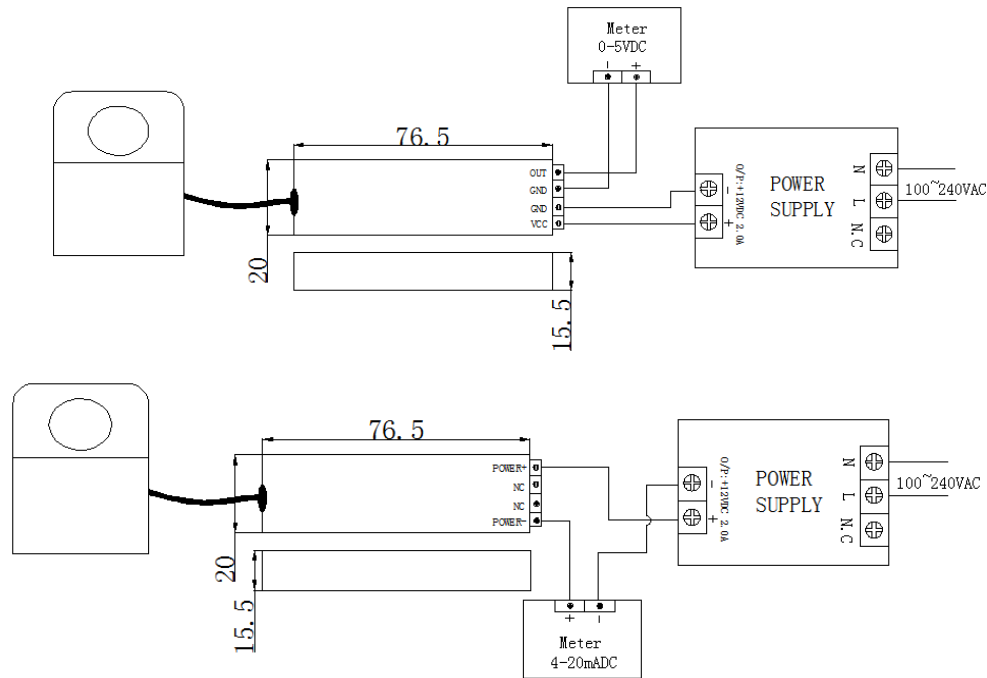
Electrical data (Ta=25°C ± 5°C)

Current range(AC)	SCT10	SCT16	STC24	SCT36	SCT50	SCT60	A
	5-80	10-120	10-300	10-500	10-1000	1000-3000	
Measure range	1% - 100%						%
Power frequency	45-65						Hz
OUTPUT)	0-5VDC	0-10VDC		4-20mADC			Ω
(Load)	≥100K	≥100K		≤500			
Supply voltage	12/24V						V
Power Consumption	<40						mA
Offset drift	@ -25~+70℃		≤±1				mV/℃
Accuracy	≤1						%
Linearity	≤1						%FS
Response time	≤20						ms
Galvanic isolation	AC,1min		10				KV
Isolation resistance	@ DC 500V		1000				M Ω
(TA) Operating temperature	-25 to +70						℃
(TS) Storage temperature	-40 to +85						℃

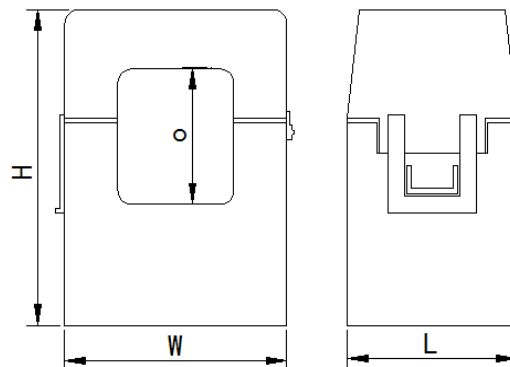
Applications

- Power system
- Industrial control system
- Battery supplied applications

Wiring diagram



Coil size diagram



Espe	Dimensions			
	L	W	H	O
	mm	mm	mm	mm
XH-SCT-T06	16.4	17.2	25	6
XH-SCT-T10	26	23	40	10
XH-SCT-T16	31	32	46	16
XH-SCT-T24	35	46	65.4	24
XH-SCT-T36	41.4	57.5	85.2	36

Typical linear graph(for reference only)

