

KCT series starting current transformer
 Special design, the use of buckle type installation, can be realized in the small space installation, the product output installed precision resistor can enable provide a safe low-voltage output.

Characteristic:

The design of self-locking structure is easy to install while ensuring safety. Larger bore can accommodate all existing large cable or wide bus International standard ul94-v0 for isolating plastic case loads. Include power plug, wire interface, audio plug and other five interfaces.

Application:

Current measurement, monitoring and protection of electrical motors lighting, air compressors, heating and ventilation systems, Measurement of current and power of air-conditioning equipment and automatic speech control system. Current power and energy measuring device, relay protector.

Electrical Parameters	
Frequency	50-2KHz
Rated Input	5A-630A
Range	10%In-120%In
Rated Output	0.333V(AC)or 0-500mA
Error	±1.0%
Difference	±60min
Dielectric Strength	2.5KV/1mA/1min
Insulation Resistance	DC500V/100MQ min

Mechanical Parameters	
Shell	PA / UL94-V0
Material	PBT
Iron Core	Silicon Steel
Internal Structure	Epoxy
Installation	Card Buckle
Temperature	-25℃~75℃
Humidity	≤85%
Output Connection	UI1015 20AWG Double Wire

Model	KCT-24				
Frequency	100A/40mA	200A/40mA	200A/66.7mA	400A/80mA	100~400A/0.333V
Current Ratio	100A	200A	200A	400A	100~400A
Maximum Current	150A	240A	240A	480A	480A
Secondary Output	40mA	40mA	66.7mA	80mA	333mV
Load Resistance	50Ω	50Ω	50Ω	50Ω	/
Precision	0.5/1.0	0.5/1.0	0.5/1.0	0.5/1.0	0.5/1.0
Turn Ratio	2500:1	5000:1	3000:1	5000:1	/
Protection Level	7.5V0-P	7.5V0-P	7.5V0-P	7.5V0-P	
Insulation Class	CAT III				
Working Conditions	-20℃~+50℃, ≤85%RH, Can be installed in any direction				
Storage Conditions	-30℃~+50℃, ≤85%RH				

Current Accuracy Error(%)

