

KCT Series

Split Core Type Current transformer

INTRODUCTION

This series of CT can be applied to test, control, display and record the running of the electrical equipment, and to protect the equipment against the damage. in the AC circuit with the rated voltage value below 720V and the frequency of 50-60Hz. The product can be also applied to form a complete set of mine transformer.

The products comply with VDE 0414, BS7626 and IEC 44-1 standard.


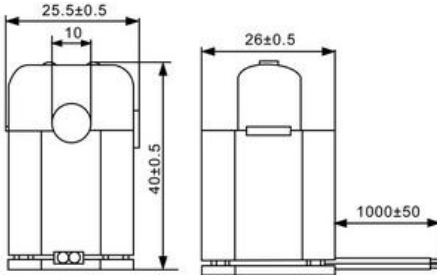

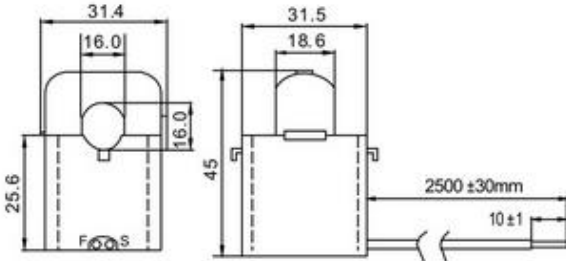
MAIN FEATURES

- Iron core is divisible, with high accuracy and low magnetic circuit loss;
- Elegant appearance, small volume, light weight, openable, easy installation;
- It is convenient to install, need not to disassemble the bus, can be operated under live condition, and will not affect customers' normal using

TYPICAL APPLICATIONS

- Electronic multifunction watt-hour meter and scene calibrator, measurement and protection for instruments and meters
- General measurement and protection for uninterruptible power systems or the electric power systems that have rather strong motility or narrow space.

Regular spec. and parameters

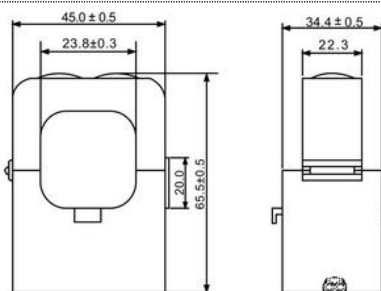
KCT-10		Outline dimensional drawing					
							
Model	Specifications	Rated Primary current (A)	Max. Current (A)	Rated Secondary Current (A)	Rated Sampling Voltage (mV)	Load Resistance	Accuracy Class
KCT-10	5A/2.5mA	5A	60A	2.5mA	125mV	50Ω	0.5/1.0
	6A/2.0mA	6A	60A	2.0mA	100mV	50Ω	0.5/1.0
	60A/20mA	60A	60A	20mA	1000mV	50Ω	0.5/1.0
KCT-16		Outline dimensional drawing					
							
Model	Specifications	Rated Primary current (A)	Max. Current (A)	Rated Secondary Current (A)	Rated Sampling Voltage (mV)	Load Resistance	Accuracy Class
KCT-16	5A/2.5mA	5A	80A	2.5mA	125mV	50Ω	0.5/1.0
	6A/2.0mA	6A	100A	2.0mA	100mV	50Ω	0.5/1.0
	100A/40mA	100A	120A	40mA	2000mV	50Ω	0.5/1.0
	200A/66.7mA	200A	240A	66.7mA	1500mV	22.5Ω	1.0
KCT-24		Outline dimensional drawing					

KCT Series

Split Core Type Current transformer

HUABANG®

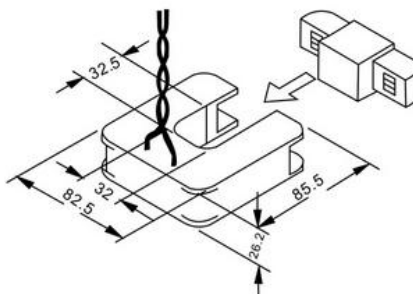
HUABANG METER 华邦仪表



Model	Specifications	Rated Primary current (A)	Max. Current (A)	Rated Secondary Current (A)	Rated Sampling Voltage (mV)	Load Resistance	Accuracy Class
KCT-24	50A/25mA	50A	60A	25mA	1250mV	50Ω	1.0
	100A/20mA	100A	120A	20mA	1000mV	50Ω	0.5/1.0
	200A/40mA	200A	240A	40mA	2000mV	50Ω	0.5/1.0
	400A/80mA	400A	480A	80mA	2000mV	25Ω	1.0

KCT-3232

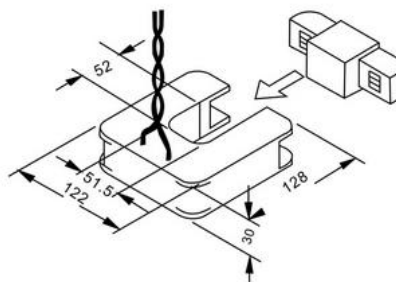
Outline dimensional drawing



Model	Specifications	Rated Primary current (A)	Max. Current (A)	Rated Secondary Current (A)	Rated Sampling Voltage (mV)	Load Resistance	Accuracy Class
KCT-3232	200A/40mA	200A	240A	40mA	2000mV	50Ω	0.5/1.0
	300A/60mA	300A	360A	60mA	3000mV	50Ω	0.5/1.0
	400A/40mA	400A	480A	40mA	2000mV	50Ω	0.5/1.0
	600A/60mA	600A	720A	60mA	1500mV	25Ω	0.5/1.0

KCT-5252

Outline dimensional drawing



Model	Specifications	Rated Primary current (A)	Max. Current (A)	Rated Secondary Current (A)	Rated Sampling Voltage (mV)	Load Resistance	Accuracy Class
KCT-5252	500A/25mA	500A	600A	25mA	1250mV	50Ω	0.5/1.0
	600A/30mA	600A	720A	30mA	1500mV	50Ω	0.5/1.0
	800A/40mA	800A	960A	40mA	2000mV	50Ω	0.5/1.0
	1000A/50mA	1000A	1200A	50mA	1250mV	25Ω	0.5/1.0

KCT-3343

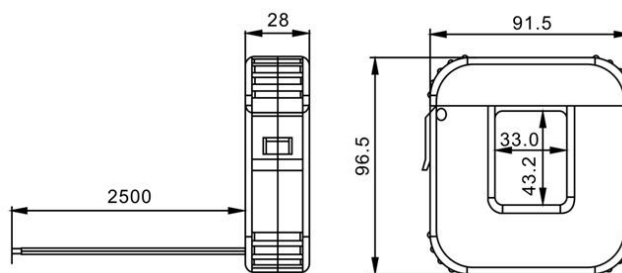
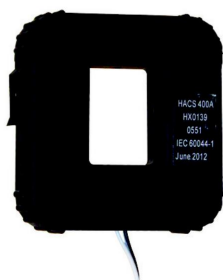
Outline dimensional drawing

KCT Series

Split Core Type Current transformer

HUABANG®

HUABANG METER 华邦仪表



Model	Specifications	Rated Primary current (A)	Max. Current (A)	Rated Secondary Current (A)	Rated Sampling Voltage (mV)	Load Resistance	Accuracy Class
KCT-3343	5A/2.5mA	5A	60A	2.5mA	125mV	50Ω	0.5/1.0
	6A/2.0mA	6A	60A	2.0mA	100mV	50Ω	0.5/1.0
	60A/20mA	60A	60A	20mA	1000mV	50Ω	0.5/1.0

❖ Special applications of open-core transformer (voltage output type)

Model	Specifications	Rated Primary current (A)	Rated Secondary Voltage (V)	Accuracy Class
KCT-10	10/20/50/60A/0.333V	10/20/50/60A	0.333V	0.5/1.0
KCT-16	100A/0.333V	100A	0.333V	
	200A/0.333V	200A	0.333V	
KCT-24	200A/0.333V	200A	0.333V	0.5/1.0
	320A/2.4V	320A	2.4V	
	400A/0.333V	400A	0.333V	
KCT-3232	300A/0.333V	200A	0.333V	0.5/1.0
	400A/0.333V	400A	0.333V	
	600A/0.333V	400A	0.333V	
KCT-5252	600A/0.333V	600A	0.333V	0.5/1.0
	800A/0.333V	800A	0.333V	
	800A/2.4V	800A	2.4V	
	1000A/2.5V	1000A	2.5V	
	1000A/0.333V	1000A	0.333V	