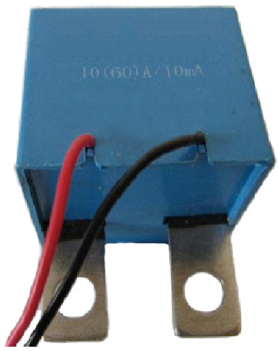
Expertise In Ferrites & Inductive Components **FERRIWO**

FWCT-01 Micro Precision Current Transformer for KWH Meters



TECHNICAL INFORMATION

Commodity	Specifications	Primary current	Secondary current	Overload multiple	Linearity		(Ω) Load
					(±%) Ratio difference	(±%) Phase displacement	
CTs	10(40)A/10mA	10	10	4	＜0.1	≤5	＜20
	10(60)A/10mA	10	10	6	＜0.1	≤5	＜20
	10(60)A/4mA	10	4	6	＜0.1	≤5	＜20
	10(60)A/4mA	10	4	6	＜0.1	≤5	＜20
	5(60)A/2.5mA	5	2.5	12	＜0.1	≤5	＜20
	5(60)A/2mA	5	2	12	＜0.1	≤5	＜20
	5(80)A/5mA	5	5	16	＜0.1	≤5	＜20
	20(100)A/20mA	20	20	5	＜0.1	≤5	＜20
	5(40)A/5mA	5	5	8	＜0.1	≤5	＜20
	15(60)A/10mA	15	10	4	＜0.1	≤5	＜20
	5(30)A/5mA	5	5	6	＜0.1	≤5	＜20
	20(80)A/10mA	20	10	4	＜0.1	≤5	＜20
	10(100)A/10mA	10	10	10	＜0.1	≤5	＜20
	5(20)A/5mA	5	5	4	＜0.1	≤5	＜20
The Triple CTs	0.3(1.2)A/5mA	0.3	5	4	＜0.1	≤5	＜20
	0.5(2)A/5mA	0.5	5	4	＜0.1	≤5	＜20
	1(4)A/5mA	1	5	4	＜0.1	≤5	＜20
	1.5(6)A/5mA	1.5	5	4	＜0.1	≤5	＜20
	2.5(10)A/5mA	2.5	5	4	＜0.1	≤5	＜20

Transformers Dedicated in Watt-hour Meters

a. Main Features:

(1)、Small in size, high precision, excellent uniformity.

(2)、Wide limitation standard, strong resistance to saturation.

(3)、Flexible installation, both the PCB mode and the connection way are available for installation.

b. Electrical Parameters:

(1)、Rated input current (Lin): 0-20A (According to customer requirements)

(2)、Rated output current(Lin):0-20mA (According to customer requirements)

(3)、Max overload current(Lin): 20×lin

(4)、Non-linearity: Ratio difference ＜±0.1%; Angle difference ＜±5′

(5)、Load resistance: ≤20Ω

(6)、Power frequency withstand voltage: 4kV 2mA 1min

(7)、Operation temperature: -400C～+850C(6)

(8)、Insulation resistance: 500MΩ @500VDC

C.Technical parameters of commonly used product specifications

Note: The above specifications are stock products' specifications. We can also design for customers according to their requirements.

PHYSICAL CHARACTERISTICS