

Datasheet

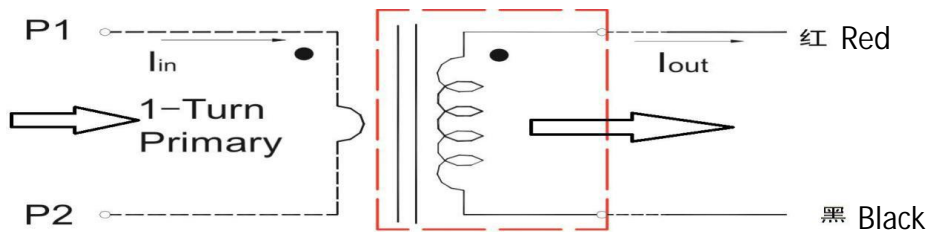
1. Product: Open type current transformer
2. Product specification: CTKD series
3. Technical parameters:

Item	Symbol	Parameter	Item	Symbol	Parameter
Operating frequency	f	50Hz-60Hz	Intercoil insulation	V	1000
Rated primary current	I _n	50-1000A	Insulation strength	—	500M /500V/min
Rated secondary current	I _o	1-5A	Insulation voltage	—	3000V _{Ac} (r.m.s)(2mA/1min)
linearity	f	<1.5%	Operating temperature	T _a	-12°C ~+75°C
Accuracy class	—	0.5 grade	Storage temperature	T _s	-20°C ~+75°C
Through center	I	One time			

4. Definition of primary, secondary and polarized terminals of the transformer:

4.1 Definition of primary transformer primary level: primary transformer through-center input, secondary terminal output.

4.2 Primary and secondary lead homonymous end definition: P1-S1 (red wire); P2-S2 (black wire) of the transformer are homonymous, respectively. 4.3 The transformer electrical schematic diagram is as follows:



5. The main production technical requirements of the transformer:

1.1 The shell is made of flame-retardant PC/ABS nylon P6 alloy material; shell color black.

1.2 Output mode HB9500 terminals.

1.3 Must meet the requirements within the standard ", GB20840.2-2013".

1.4 External dimensions refer to the following figure

外形及安装尺寸 Shape and mounting dimensions

型号规格	额定输入(A)	额定输出(mA/V)	精度等级	外形尺寸(mm)			
				Φ	A	B	C
CTKD10	5-75A (5, 10, 20, 50, 75)	0-50mA 0.333V	0.5, 1.0, 3.0	10mm	26	43	27
CTKD16	5-160A (5, 10, 50, 100, 160)	0-5A 0.333V		16mm	33	56	31
CTKD24	10-250A (10, 50, 100, 200, 250)	0-5A 0.333V		23mm	46	72	39
CTKD35	10-630A (20, 100, 250, 400, 600)	0-5A 0.333V		36mm	60	87	43

