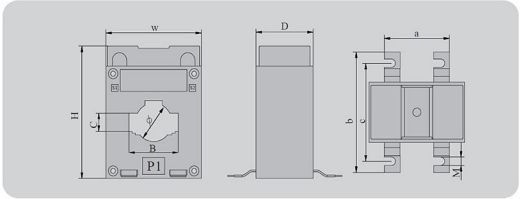


CTBHI series low-voltage current transformers are mainly used in low-voltage distribution cabinets to transform the current of cables or copper bars. The general BHI series products are both for cables and copper bars. The round holes can be used on cables, and the rectangular windows can also be installed on copper bars.

This series of products is basically made into standard through-hole diameters based on the diameter of the cable and the width of the copper bar, and it is very good in terms of product substitutability. Many manufacturers on the market produce similar models, and users have more flexibility in choosing. In terms of product selection: one type is products that can meet the requirements of national standards. The relative price will be higher, but the product quality is reliable; the other type is products that cannot meet the requirements of national standards. The price of such products is relatively low, but the winding current carrying capacity cannot meet the product requirements. When used for a long time at the rated current, the secondary winding heats up more severely, and even the transformer is damaged due to heat. Some are accompanied by combustion accidents, causing very bad effects. When choosing products, you still need to choose products that meet the standards.

With the advancement of magnetic materials, the accuracy of this series of products has also improved. The use of higher magnetic permeability materials can achieve 0.2 or 0.25 levels;

PRODUCTS DIMENSIONS



MODEL	PRODUCT DIMENSIONS						MOUNTING DIMENSIONS			
	W	H	D	Ø	B	C	a	b	c	M
CTBHI-30	60	79	36	23	31	11	41	72	58.5	5
CTBHI-40	75	98	44	31.5	42.5	12	54	72	58.5	5
CTBHI-50	84	98	44	37	37	17	53	72	58.5	5
CTBHI-60	101	126	45	45	62	21	60	72	58.5	5
CTBHI-80	117	148	45	52	81	11	70	72	58.5	5
CTBHI-100	143	153	44	62	100	32	87	72	58.5	5

TECHNICAL DATA

MODEL	CTBH30I	CTBH40I	CTBH50I	CTBH60I	CTBH80I	CTBH100I
Cable diameter / busbar specification / number of cables or bars.	23mm 30*10mm-1	31.5mm 40*10mm-1	37mm 50*10mm-1	45mm 60*10mm-1 60*6mm-2	52mm 80*10mm-1 60*6mm-2	62mm 100*10mm-2
ACCURACY	0.5 1.0	0.5 1.0	0.5 1.0	0.2 0.5	0.2 0.5	0.2 0.5
RATIO						
15/5						
20/5						
25/5						
30/5		2.5	2.5	2.5		
40/5		2.5	2.5	2.5		
50/5		2.5	2.5	2.5		
75/5		2.5	2.5	2.5		
100/5		2.5	2.5	2.5		
150/5	2.5 2.5	2.5 5	2.5 5	2.5 5	2.5	
200/5	5 5	5 5	5 5	5 5	5 2.5	
250/5	5 5	5 5	5 5	5 5	5 2.5	2.5
300/5	5 5	5 5	5 5	5 5	5 5	2.5 5
400/5	5 5	5 5	5 5	5 5	5 5	2.5 5
500/5		10 10	10 10	10 10	10 10	5 10
600/5		10 10	10 10	10 10	10 10	5 10
750/5			10 10	10 10	10 10	5 10
800/5			10 10	10 10	10 10	5 10
1000/5				15 40	15 40	10 20
1250/5				20 40	20 40	20 40
1500/5				20 40	20 40	20 40
2000/5					40	40
2500/5					40	40
3000/5						40
3200/5						40
15/1						
20/1						
25/1						
30/1		0.1 0.1	0.2 0.1	0.2 0.1	0.2 0.1	0.2 0.1
40/1		0.1 0.1	0.2 0.1	0.2 0.1	0.2 0.1	0.2 0.1
50/1	0.2 0.4	0.2 0.4	0.2 0.4	0.2 0.4	0.2 0.4	0.2 0.4
75/1	0.2 0.4	0.2 0.4	0.2 0.4	0.2 0.4	0.2 0.4	0.2 0.4
100/1	0.2 0.4	0.2 0.4	0.2 0.4	0.2 0.4	0.2 0.4	0.2 0.4
150/1	2.5 5	2.5 5	2.5 5	2.5 5	2.5 5	2.5 5
200/1	5 10	5 10	5 10	5 10	5 10	5 10
250/1	5 10	5 10	5 10	5 10	5 10	5 10
300/1	5 10	5 10	5 10	5 10	5 10	5 10
400/1		10 20	10 20	10 20	10 20	5 10
500/1		10 20	10 20	10 20	10 20	10 20
600/1		10 20	10 20	10 20	10 20	10 20
750/1			10 20	10 20	10 20	10 20
800/1			10 20	10 20	10 20	10 20
1000/1				10 20	10 20	10 20
1250/1				10 20	10 20	10 20
1500/1				20 40	20 40	20 40
2000/1					20 40	20 40
2500/1					20 40	20 40
3000/1						20 40
3200/1						20 40