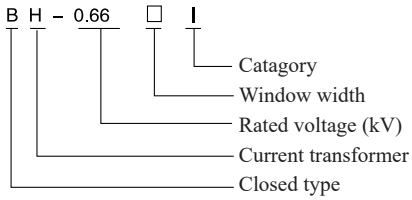
BH-0.66 I Type Current Transformer

1 Overview

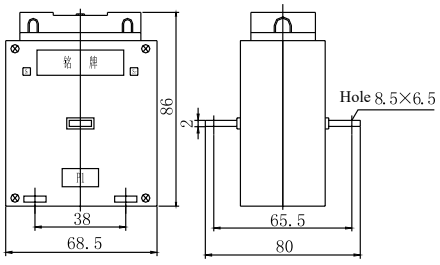
BH-0.66I series current transformers are suitable for current and electric energy measurement or relay protection in AC lines with a rated frequency of 50Hz and a rated voltage of 0.66kV and below.
The product is a moulded case current transformer that is widely used in complete cabinets. The installation method can adopt the busbar fixing and baseplate fixing installation method. The product can be installed in any direction, and the primary wire can be a busbar or cable.

2 Type Designation



3 Technical Parameters

BH-0.66 Solid

Current ratio	Rated secondary load (VA)					Number of coret-hrough turns	Outline and installation diagram
	Grade 1.0	Grade 0.5	Grade 0.5S	Grade 0.2	Grade 0.2S		
5/5	5	2.5					BH-0.66 Solid 
10/5	5	2.5					
15/5	5	2.5					
20/5	5	2.5					
25/5	5	2.5					
30/5	5	2.5					
40/5	5	2.5					
50/5	5	2.5					
75/5	5	2.5					
5/1	2.5	2.5					
10/1	2.5	2.5					
15/1	2.5	2.5					
20/1	2.5	2.5					
25/1	2.5	2.5					
30/1	2.5	2.5					
40/1	2.5	2.5					
50/1	2.5	2.5					
75/1	2.5	2.5					

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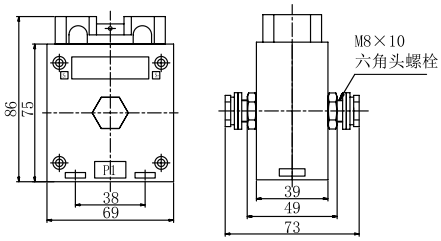
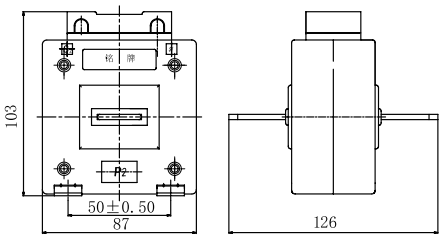
BH-0.66 Solid M8

BH-0.66 Big Solid

Current ratio	Rated secondary load (VA)					Number of coret-hrough turns	Outline and installation diagram
	Grade 1.0	Grade 0.5	Grade 0.5S	Grade 0.2	Grade 0.2S		
5/5	5	2.5					BH-0.66 Solid M8
10/5	5	2.5					
15/5	5	2.5					
20/5	5	2.5					
25/5	5	2.5					
30/5	5	2.5					
40/5	5	2.5					
50/5	5	2.5					
75/5	5	2.5					
5/1	2.5	2.5					
10/1	2.5	2.5					
15/1	2.5	2.5					
20/1	2.5	2.5					
25/1	2.5	2.5					
30/1	2.5	2.5					
40/1	2.5	2.5					
50/1	2.5	2.5					
75/1	2.5	2.5					
5/5	5	5	5	5	5		BH-0.66 Big Solid
10/5	5	5	5	5	5		
15/5	5	5	5	5	5		
20/5	5	5	5	5	5		
25/5	5	5	5	5	5		
30/5	5	5	5	5	5		
40/5	5	5	5	5	5		
50/5	5	5	5	5	5		
75/5	5	5	5	5	5		
5/1	5	5	5	5	5		
10/1	5	5	5	5	5		
15/1	5	5	5	5	5		
20/1	5	5	5	5	5		
25/1	5	5	5	5	5		
30/1	5	5	5	5	5		
40/1	5	5	5	5	5		
50/1	5	5	5	5	5		
75/1	5	5	5	5	5		





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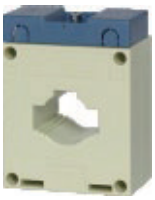

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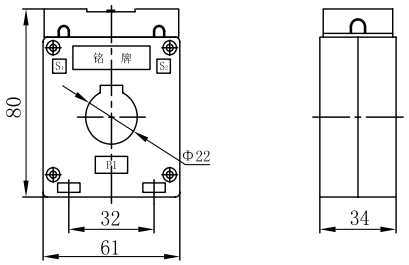
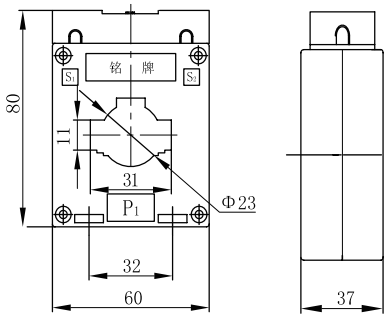
Current ratio	Rated secondary load (VA)					Number of coret-hrough turns	Outline and installation diagram
	Grade 1.0	Grade 0.5	Grade 0.5S	Grade 0.2	Grade 0.2S		
75/5	2.5					1	BH-0.66 20 
100/5	2.5	2.5				1	
150/5	2.5	2.5				1	
200/5	5	5				1	
250/5	5	5				1	
300/5	5	5				1	
75/1	1.5	1				1	
100/1	2.5	1				1	
150/1	5	2.5				1	
200/1	5	5				1	
250/1	5	5				1	
300/1	5	5				1	
30/5	2.5	2.5				5	BH-0.66 30 
40/5	2.5	2.5				5	
50/5	2.5	2.5				3	
75/5	2.5	2.5				2	
100/5	2.5	2.5				1	
150/5	2.5	2.5				1	
200/5	5	5				1	
250/5	5	5				1	
300/5	5	5				1	
400/5	5	5				1	
500/5	5	5				1	
600/5	5	5				1	
75/1	1.5	1				1	
100/1	2.5	1				1	
150/1	2.5	2.5				1	
200/1	5	5				1	
250/1	5	5				1	
300/1	5	5				1	
400/1	5	5				1	

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BH-0.66 40

BH-0.66 50

Current ratio	Rated secondary load (VA)					Number of coret-hrough turns	Outline and installation diagram
	Grade 1.0	Grade 0.5	Grade 0.5S	Grade 0.2	Grade 0.2S		
150/5	2.5	2.5	2.5	2.5	2.5	1	
200/5	5	5	5	5	5	1	
250/5	5	5	5	5	5	1	
300/5	5	5	5	5	5	1	
400/5	5	5	5	5	5	1	
500/5	5	5	5	5	5	1	
600/5	5	5	5	5	5	1	
750/5	5	5	5	5	5	1	
800/5	10	10	10	10	10	1	
100/1	1.5	1				1	
150/1	2.5	1.5	1.5	1.5	1.5	1	
200/1	2.5	2.5	2.5	2.5	2.5	1	
250/1	2.5	2.5	2.5	2.5	2.5	1	
300/1	5	5	5	5	5	1	
400/1	5	5	5	5	5	1	
500/1	5	5	5	5	5	1	
600/1	5	5	5	5	5	1	
750/1	5	5	5	5	5	1	
800/1	10	10	10	10	10	1	
200/5	5	5	2.5	2.5	2.5	1	
250/5	5	5	5	5	5	1	
300/5	5	5	5	5	5	1	
400/5	5	5	5	5	5	1	
500/5	5	5	5	5	5	1	
600/5	5	5	5	5	5	1	
750/5	10	10	10	10	10	1	
800/5	10	10	10	10	10	1	
200/1	2.5	2.5				1	
250/1	2.5	2.5	2.5	2.5	2.5	1	
300/1	2.5	2.5	2.5	2.5	2.5	1	
400/1	5	5	5	5	5	1	
500/1	10	10	10	10	10	1	
600/1	10	10	10	10	10	1	
750/1	10	10	10	10	10	1	
800/1	10	10	10	10	10	1	

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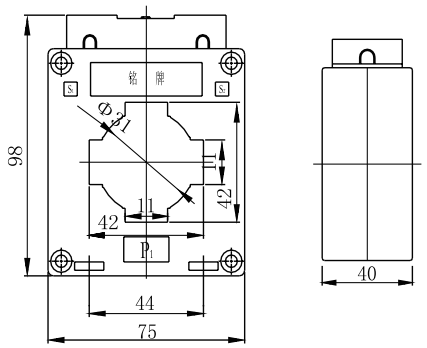

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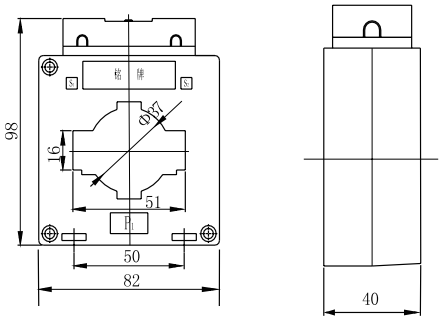

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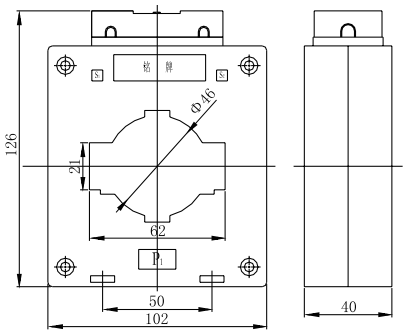
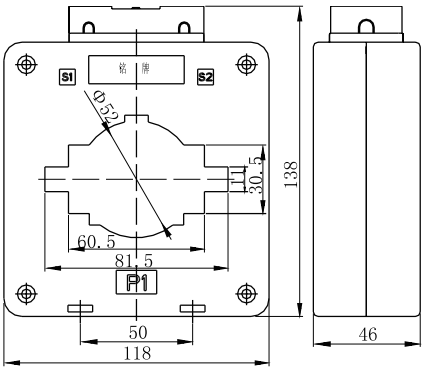
BH-0.66 60

BH-0.66 80

Current ratio	Rated secondary load (VA)					Number of coret-hrough turns	Outline and installation diagram
	Grade 1.0	Grade 0.5	Grade 0.5S	Grade 0.2	Grade 0.2S		
200/5	5	2.5				1	BH-0.66 60
250/5	5	5				1	
300/5	5	5	5	5	5	1	
400/5	5	5	5	5	5	1	
500/5	5	5	5	5	5	1	
600/5	5	5	5	5	5	1	
750/5	10	10	10	10	10	1	
800/5	10	10	10	10	10	1	
1000/5	10	10	10	10	10	1	
1200/5	10	10	10	10	10	1	
1500/5	10	10	10	10	10	1	
300/1	2.5	2.5				1	
400/1	5	5	5	5	5	1	
500/1	5	5	5	5	5	1	
600/1	5	5	5	5	5	1	
750/1	10	10	10	10	10	1	
800/1	10	10	10	10	10	1	
1000/1	10	10	10	10	10	1	
1200/1	10	10	10	10	10	1	
1500/1	10	10	10	10	10	1	
300/5	5	5				1	BH-0.66 80
400/5	5	5	5	5	5	1	
500/5	5	5	5	5	5	1	
600/5	5	5	5	5	5	1	
750/5	10	10	10	10	10	1	
800/5	10	10	10	10	10	1	
1000/5	10	10	10	10	10	1	
1200/5	10	10	10	10	10	1	
1500/5	10	10	10	10	10	1	
2000/5	20	20	20	20	20	1	
400/1	5	5				1	
500/1	5	5	5	5	5	1	
600/1	5	5	5	5	5	1	
750/1	10	10	10	10	10	1	
800/1	10	10	10	10	10	1	
1000/1	10	10	10	10	10	1	
1200/1	10	10	10	10	10	1	
1500/1	10	10	10	10	10	1	
2000/1	20	20	20	20	20	1	

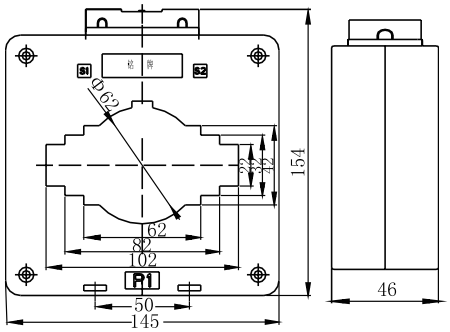
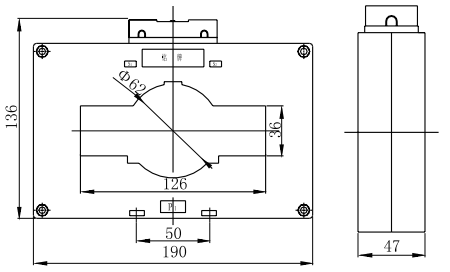




BH-0.66 I Type Current Transformer

BH-0.66 100

BH-0.66 120

Current ratio	Rated secondary load (VA)					Number of coret-hrough turns	Outline and installation diagram
	Grade 1.0	Grade 0.5	Grade 0.5S	Grade 0.2	Grade 0.2S		
600/5	5	5	5	5	5	1	BH-0.66 100 
750/5	10	10	10	10	10	1	
800/5	10	10	10	10	10	1	
1000/5	10	10	10	10	10	1	
1200/5	10	10	10	10	10	1	
1500/5	10	10	10	10	10	1	
2000/5	20	20	20	20	20	1	
2500/5	20	20	20	20	20	1	
600/1	5	5	5	5	5	1	
750/1	10	10	10	10	10	1	
800/1	10	10	10	10	10	1	
1000/1	10	10	10	10	10	1	
1200/1	10	10	10	10	10	1	
1500/1	10	10	10	10	10	1	
2000/1	20	20	20	20	20	1	
2500/1	20	20	20	20	20	1	
800/5	10	10				1	BH-0.66 120 
1000/5	10	10	10	10	10	1	
1200/5	10	10	10	10	10	1	
1500/5	10	10	10	10	10	1	
2000/5	10	10	10	10	20	1	
2500/5	20	20	20	20	20	1	
3000/5	20	20	20	20	20	1	
4000/5	30	30	30	30	30	1	
1000/1	10	10	10	10	10	1	
1200/1	10	10	10	10	10	1	
1500/1	10	10	10	10	10	1	
2000/1	20	20	20	20	20	1	
2500/1	20	20	20	20	20	1	
3000/1	20	20	20	20	20	1	
4000/1	30	30	30	30	30	1	

4 Operating Conditions

4.1 Installation site: indoors.
4.2 Ambient temperature: -5ºC to +40ºC; the mean daily temperature does not exceed +30ºC.
4.3 Altitude: Not exceed 1,000 meters.
4.4 Atmosphere conditions: When the maximum temperature is +40ºC, the relative humidity of air does not exceed 50%, and the allowable relative humidity at the lower temperature does not exceed 80%.
4.5 There is no serious dirt in atmosphere and no gas and conductive dust that may cause corrosion to metal and damage to the insulation in medium.
4.6 The installation site shall be free of severe vibration and bump.
4.7 The installation site is not directly under the sun radiation without rain and snow erosion and serious mold.