

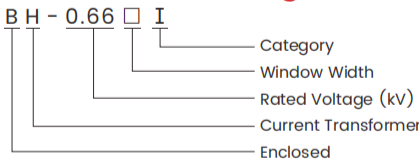
BH-0.66
Series Current Transformer



Application Scope

The BH-0.66 series current transformers are designed for indoor use and are suitable for current and energy measurement and relay protection in AC circuits with a rated voltage of 660V and a rated frequency of 50Hz. This product complies with GB 20840.1 and GB 20840.2.

Model and Meaning



Main Technical Parameters

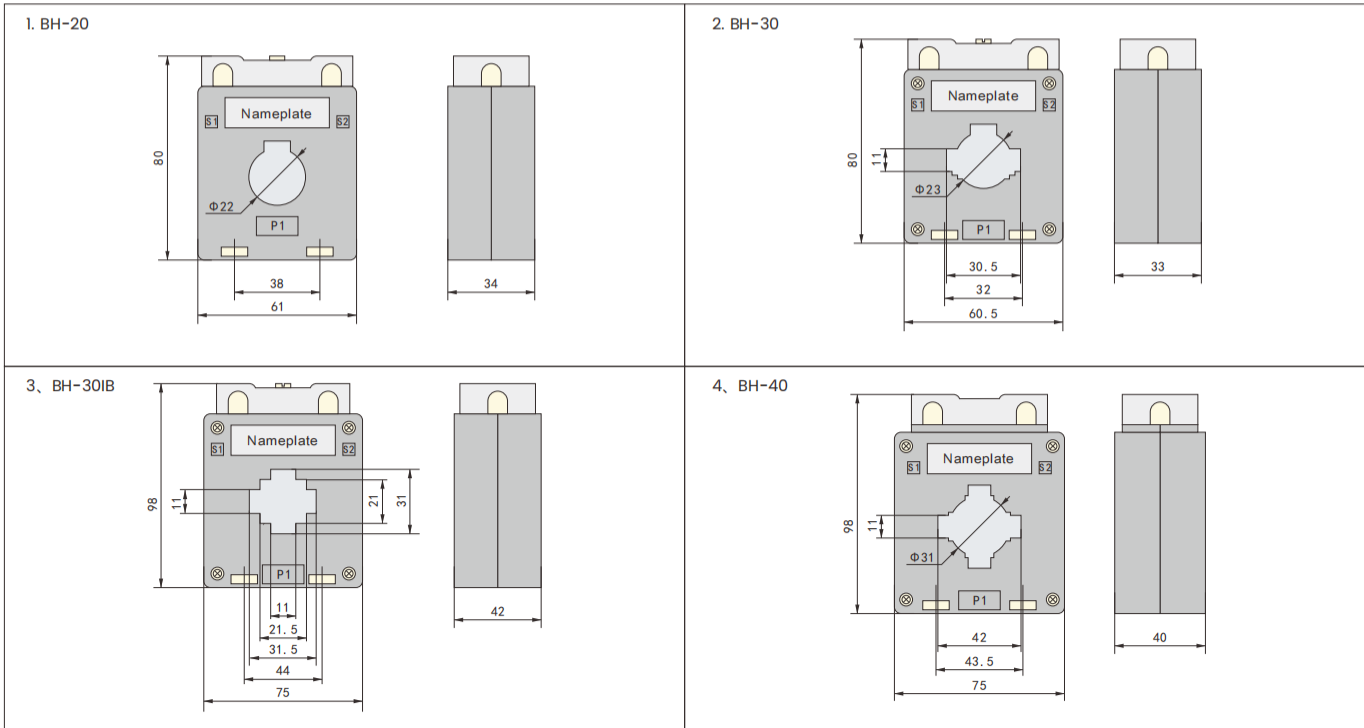
1. Insulation Requirements: Primary winding to secondary winding and ground, and secondary winding to ground, withstand power frequency voltage of 3kV for 1 minute. Insulation resistance ≥ 10MΩ.
2. Rated secondary current 5A. Rated primary current, rated capacity, and accuracy are shown in the table below.

Model	Rated Current Ratio (A)	Rated load (VA)	Accuracy grade	Rated voltage (kV)
BH-0.66 20 Φ	75/5	2.5	0.5 1.5S 0.2 0.2S	0.66
	100/5	2.5		
BH-0.66 30 Type I	100/5	2.5		
	150/5	2.5		
	200/5	5		
	250/5	5		
	300/5	5		
	400/5	5		
BH-0.66 30 Type IB	500/5	5		
	50/5	2.5		
	75/5	2.5		
	100/5	2.5		
	150/5	2.5		
	200/5	5		
BH-0.66 40 Type I	250/5	5		
	300/5	5		
	400/5	5		
	150/5	2.5		
	200/5	5		
	250/5	5		
	300/5	5		
	400/5	5		
	500/5	10		
	600/5	10		
BH-0.66 50 Type	750/5	10		
	800/5	10		
	1000/5	15		
	1200/5	20		
	1500/5	20		
	200/5	5		
	300/5	5		
	400/5	5		
	500/5	10		
	600/5	10		
	800/5	10		
	1000/5	15		
	1200/5	20		
	1500/5	20		

BH-0.66
Series Current Transformer

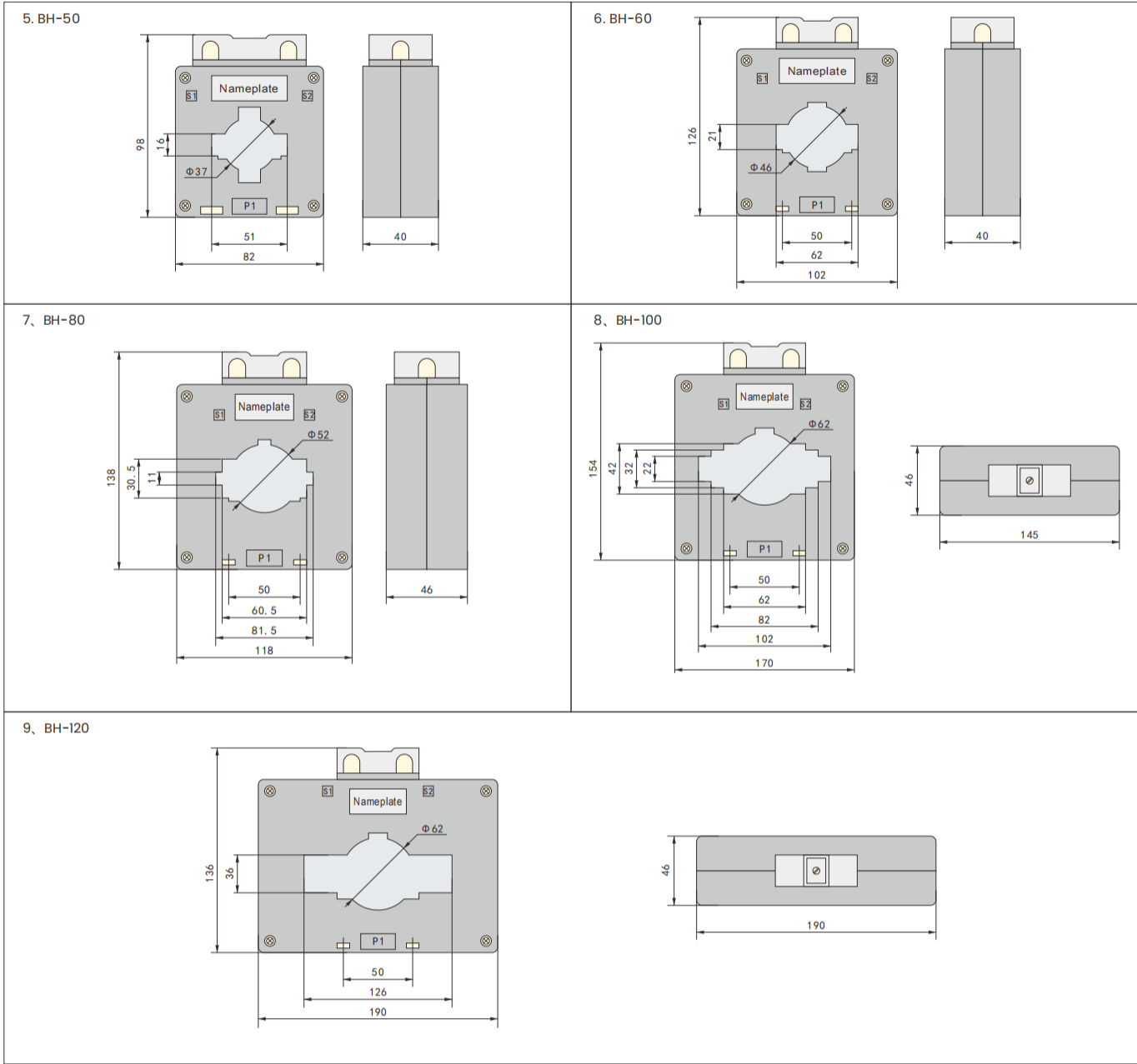
Model	Rated Current Ratio (A)	Rated load (VA)	Accuracy grade	Rated voltage (kV)
BH-0.66 60 Type I	300/5	5	0.2 0.2S 0.5 0.5S	0.66
	400/5	5		
	500/5	10		
	600/5	10		
	800/5	10		
	1000/5	15		
	1200/5	20		
	1500/5	20		
BH-0.66 80 Type I	2000/5	20		
	2500/5	20		
	600/5	10		
	800/5	10		
	1000/5	15		
	1200/5	20		
BH-0.66 100 Type I	1500/5	20		
	2000/5	20		
	2500/5	30		
	3000/5	40		
	4000/5	40		
	1000/5	15		
BH-0.66 120 Type I	1200/5	20		
	1500/5	20		
	2000/5	20		
	2500/5	30		
	3000/5	40		
	4000/5	40		
	5000/5	40		

Appearance and Installation Dimensions



BH-0.66
Series Current Transformer

Appearance and Installation Dimensions



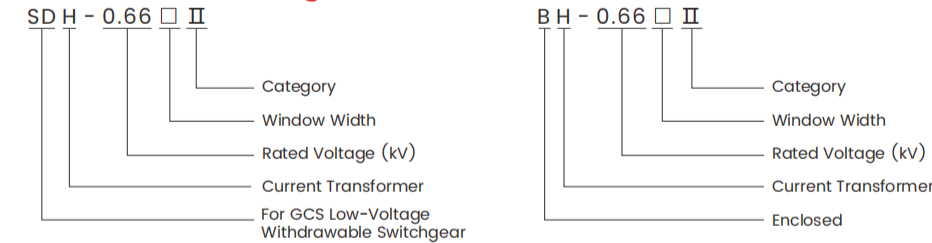
BH(SDH)-0.66 II
Series Current Transformer



Application Scope

BH (SDH) -0.66 series current transformers are used indoors and are suitable for current and energy measurement and relay protection in AC circuits with a rated voltage of 660V and below and a rated frequency of 50Hz. The product complies with: GB/T 20840.1 GB/T 20840.2

Model and Meaning



Main Technical Parameters

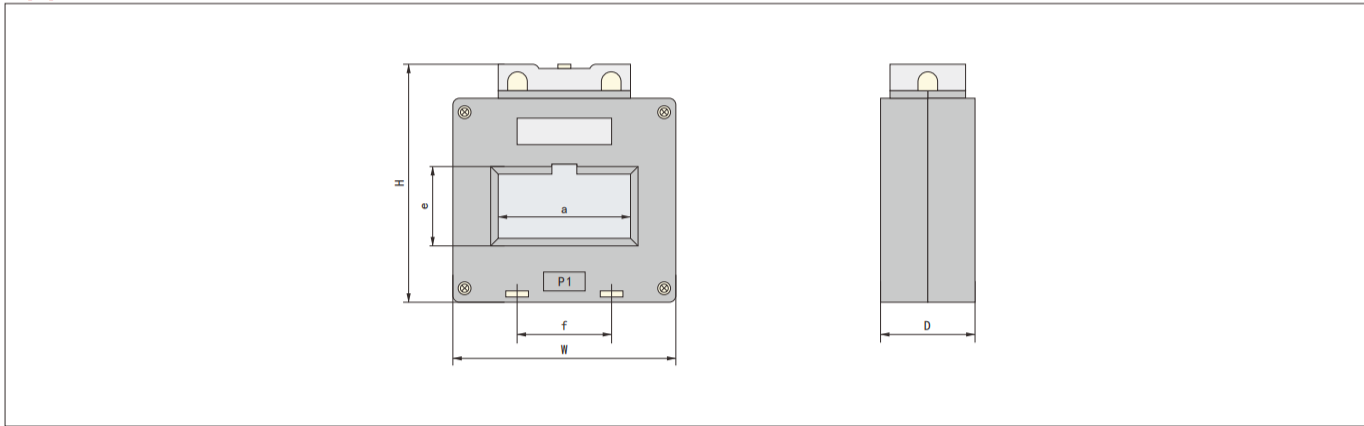
Model	Rated Current Ratio (A)	Rated load (VA)	Accuracy grade	Rated voltage (kV)
BH-0.66 30 Type II	150/5	2.5	0.5 1.5S 0.2 0.2S	0.66
	200/5	2.5		
	250/5	5		
	300/5	5		
	400/5	5		
500/5	5			
BH-0.66 40 Type II	150/5	2.5		
	200/5	5		
	250/5	5		
	300/5	5		
	400/5	5		
	500/5	10		
	600/5	10		
	750/5	10		
	800/5	10		
	1000/5	15		
1200/5	20			
1500/5	20			
BH-0.66 50 Type II (SDH-0.66 50 II)	200/5	5		
	300/5	5		
	400/5	5		
	500/5	10		
	600/5	10		
	800/5	10		
	1000/5	15		
	1200/5	20		
1500/5	20			
BH-0.66 60 Type II (SDH-0.66 60 II)	300/5	5		
	400/5	5		
	500/5	10		
	600/5	10		
	800/5	10		
	1000/5	15		
	1200/5	20		
	1500/5	20		
2000/5	20			
BH-0.66 80 Type II (SDH-0.66 80 II)	600/5	10		
	800/5	10		
	1000/5	15		
	1200/5	20		
	1500/5	20		
	2000/5	20		
	2500/5	20		

BH(SDH)-0.66 II

Series Current Transformer

Model	Rated Current Ratio (A)	Rated load (VA)	Accuracy grade	Rated voltage (kV)
BH-0.66 100 Type II (SDH-0. 66 100 II)	1000/5	15	0.2 0.2S 0.5 0.5S	0.66
	1200/5	20		
	1500/5	20		
	2000/5	20		
	2500/5	30		
	3000/5	40		
BH-0.66 120 Type II (SDH-0. 66 120 II)	4000/5	40		
	1500/5	20		
	2000/5	20		
	2500/5	30		
	3000/5	40		
BH-0.66 130 Type II (SDH-0. 66 130 II)	4000/5	40		
	5000/5	40		
	1000/5	5		
	1200/5	10		
	1500/5	10		
	2000/5	20		
	2500/5	20		
BH-0.66 150 Type II (SDH-0. 66 150 II)	3000/5	20		
	4000/5	20		
	5000/5	20		
	1500/5	20		
	2000/5	20		
	2500/5	20		
	3000/5	40		
	4000/5	40		
	5000/5	40		

Appearance and Installation Dimensions



Models	H	W	D	a	e	f
BH-0.66 30 II	98	65	44	33	31	32
BH-0.66 40 II	104	78.5	47	42	31	45
BH-0.66 50 II	106	87	47	52	31	54
BH-0.66 60 II	110	102	47	62	31.5	52.5
BH-0.66 80 II	118	122	47	83	32.5	60
BH-0.66 100 II	120	140	50	102	32	74
BH-0.66 120 II	154	169	50	122	52	54
BH-0.66 130 II	160	179	47	132	61.5	48.5
BH-0.66 150 II	160	200	50	153	55	65

BH-0.66III

Series Current Transformer



Application Scope

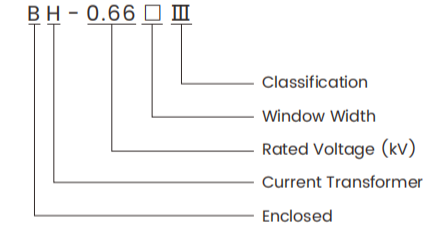
The BH-0.66III series current transformers are designed for indoor use and are suitable for current and energy measurement and relay protection in AC circuits with a rated voltage of 660V or less and a rated frequency of 50Hz or 60Hz.

This product complies with: GB20840.1 GB20840.2

Normal Operating Conditions

1. Installation Location: Indoors
2. Ambient Temperature: Minimum -5°C, Maximum +40°C
3. Ambient Humidity: Relative Humidity not exceeding 80%
4. Altitude: Not exceeding 1000m
5. Atmospheric Conditions: No contaminants, corrosive media, or explosive media that could seriously affect the transformer's insulation

Model and Meaning



Structural Characteristics

The transformer's core is annular or rectangular, with the secondary winding evenly distributed around the core's circumference. The transformer's insulation is made of flame-retardant plastic. A window is provided in the center of the transformer for the primary busbar to pass through. The product's output terminals are marked with P1 for the primary input and P2 for the output, and S1 and S2 for the secondary output terminals. When the primary current flows in through P1 and out through P2, the secondary current flows out through S1 and then flows through the external circuit into S2, resulting in reduced polarity. The core is formed from wound silicon steel sheets, eliminating air gaps and ensuring high magnetic properties. The secondary winding is evenly wound, minimizing magnetic flux leakage, resulting in stable performance, lightweight, and easy installation.

Main Technical Parameters

1. Basic technical parameters

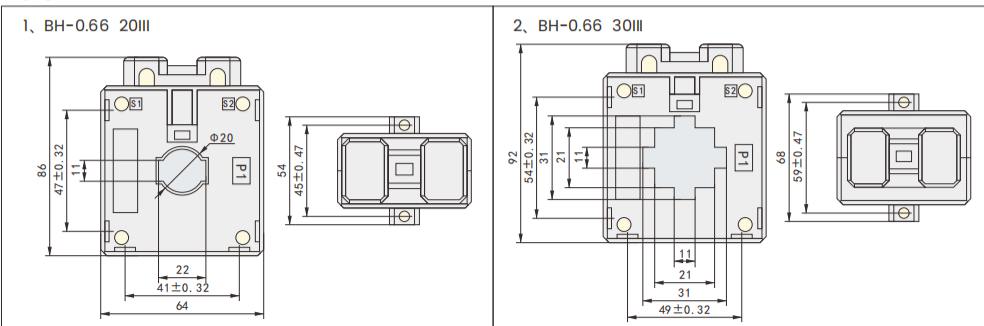
Rated voltage (V)	Rated frequency (Hz)	Rated primary current (A)	Rated secondary current (A)
660	50	150-5000	5

2. Insulation Level: Secondary winding insulation resistance to ground ≥ 10MΩ, short-term power frequency withstand voltage 3kV for 1 minute

3. Rated Load and Accuracy: cosΦ = 0.8 hysteresis

Rated primary current (A)	Rated load (VA)	Accuracy
150~250	5	0.5
300~400	10	
500~800	10	
1200~1500	20	0.5S
2000~5000	40	0.2

Appearance and Installation Dimensions

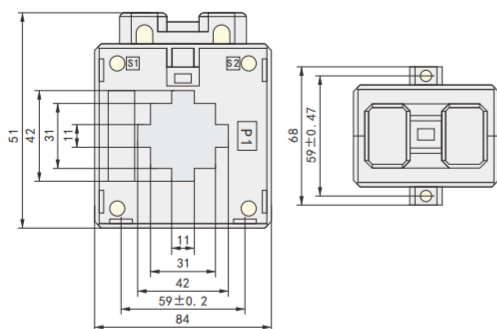


Power Management

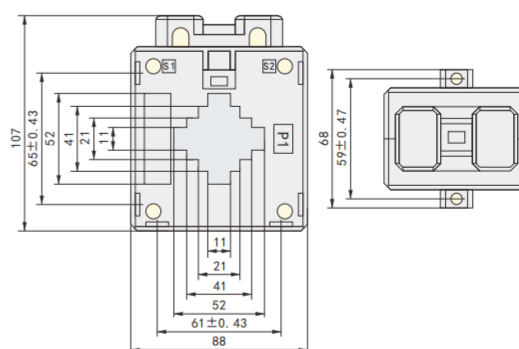
BH-0.66III

Series Current Transformer

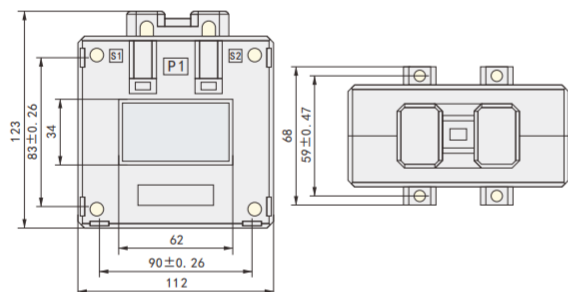
3、BH-0.66 40III



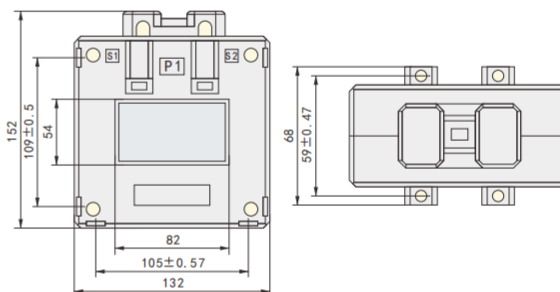
4、BH-0.66 50III



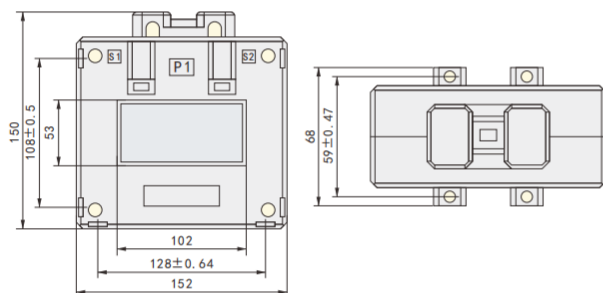
5、BH-0.66 60III



6、BH-0.66 80III



7、BH-0.66 100III



6、BH-0.66 120III

