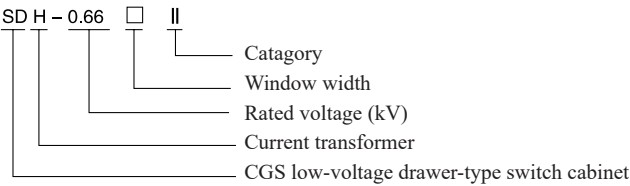


BH(SDH)-0.66 II Type Current Transformer

1 Overview

BH(SDH)-0.66II series current transformers are suitable for current and electric energy measurement or relay protection in AC lines with rated frequency of 50Hz and 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(SDH)-0.66 30

Current ratio	Rated secondary load (VA)					Number of core-through turns	Outline and installation diagram
	Grade 1.0	Grade 0.5	Grade 0.5S	Grade 0.2	Grade 0.2S		
50/5	5	2.5				1	
75/5	5	2.5	2.5	2.5	2.5	1	
100/5	5	5	2.5	2.5	2.5	1	
150/5	5	5	2.5	5	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	
75/1	2.5	1.5	1	1	1	1	
100/1	2.5	2.5	1	1	1	1	
150/1	5	5	1.5	1.5	1.5	1	
200/1	5	5	2.5	2.5	2.5	1	
250/1	5	5	2.5	2.5	2.5	1	
300/1	5	5	5	5	5	1	
400/1	5	5	5	5	5	1	

BH(SDH)-0.66 II Type Current Transformer



BH(SDH)–0.66 40



BH(SDH)–0.66 50

Current ratio	Rated secondary load (VA)					Number of core-through turns	Outline and installation diagram
	Grade 1.0	Grade 0.5	Grade 0.5S	Grade 0.2	Grade 0.2S		
150/5	5	2.5	2.5	2.5	2.5	1	BH(SDH)-0.66 40
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	
150/1	5	2.5	1	1	1	1	
200/1	5	5	2.5	2.5	2.5	1	
250/1	5	5	2.5	2.5	2.5	1	
300/1	5	5	2.5	2.5	2.5	1	
400/1	5	5	5	5	5	1	
500/1	10	5	5	5	5	1	
600/1	10	5	5	5	5	1	
200/5	5	5	2.5	2.5	2.5	1	BH(SDH)-0.66 50
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	5	5	2.5	2.5	2.5	1	
400/1	5	5	5	5	5	1	
500/1	10	5	5	5	5	1	
600/1	10	5	5	5	5	1	
750/1	10	10	10	10	10	1	
800/1	10	10	10	10	10	1	

BH(SDH)-0.66 II Type Current Transformer



BH(SDH)–0.66 60



BH(SDH)–0.66 80

Current ratio	Rated secondary load (VA)					Number of core-through turns	Outline and installation diagram
	Grade 1.0	Grade 0.5	Grade 0.5S	Grade 0.2	Grade 0.2S		
300/5	5	2.5	2.5	2.5	2.5	1	BH(SDH)-0.66 60
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	5	2.5	2.5	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	BH(SDH)-0.66 80
1200/1	10	10	10	10	10	1	
1500/1	10	10	10	10	10	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	
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(SDH)-0.66 II Type Current Transformer



BH(SDH)-0.66 100



BH(SDH)-0.66 120



BH(SDH)-0.66 130

Current ratio	Rated secondary load (VA)					Number of core-through turns	Outline and installation diagram
	Grade 1.0	Grade 0.5	Grade 0.5S	Grade 0.2	Grade 0.2S		
750/5	10	10	10	10	10	1	BH(SDH)-0.66 100
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	
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(SDH)-0.66 120
2500/1	20	20	20	20	20	1	
1000/5	10	10	10	10	10	1	
1200/5	10	10	10	10	10	1	
1500/5	20	20	20	20	20	1	
2000/5	20	20	20	20	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	BH(SDH)-0.66 130
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	
5000/1	30	30	30	30	30	1	
800/5	10	5				1	
1000/5	10	5	5	5	5	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	
3000/5	20	20	20	20	20	1	
4000/5	30	30	30	30	30	1	

BH(SDH)-0.66 II Type Current Transformer



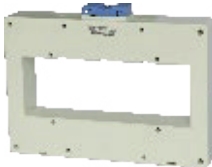
BH(SDH)-0.66 150



BH(SDH)-0.66 180



BH(SDH)-0.66 200



BH(SDH)-0.66 220



BH(SDH)-0.66 260

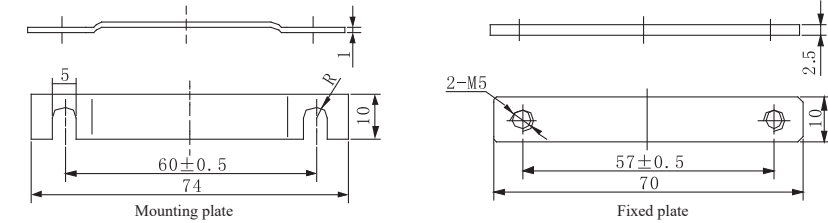
Current ratio	Rated secondary load (VA)					Number of core-hrough turns	Outline and installation diagram
	Grade 1.0	Grade 0.5	Grade 0.5S	Grade 0.2	Grade 0.2S		
1000/5	10	10	10	10	10	1	BH(SDH)-0.66 150
1200/5	10	10	10	10	10	1	
1500/5	10	10	10	10	10	1	
2500/5	20	20	20	20	20	1	
3000/5	20	20	20	20	20	1	
4000/5	30	30	30	30	30	1	
5000/5	30	30	30	30	30	1	BH(SDH)-0.66 180
1500/5	10	10	10	10	10	1	
2000/5	20	20	20	20	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	
5000/5	30	30	30	30	30	1	BH(SDH)-0.66 200
2000/5	20	20	20	20	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	
5000/5	30	30	30	30	30	1	
2000/5	20	20	20	20	20	1	BH(SDH)-0.66 220
2500/5	20	20	20	20	20	1	
3000/5	20	20	20	20	20	1	
4000/5	30	30	30	30	30	1	
5000/5	30	30	30	30	30	1	
2000/5	20	20	20	20	20	1	BH(SDH)-0.66 260
2500/5	20	20	20	20	20	1	
3000/5	20	20	20	20	20	1	
4000/5	30	30	30	30	30	1	
5000/5	30	30	30	30	30	1	

4 Operating Conditions

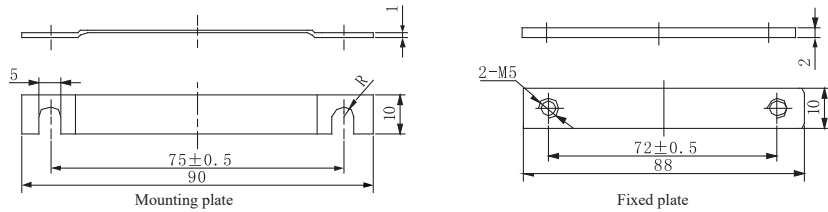
- 4.1 Installation site: indoors.
- 4.2 Ambient temperature: -5°C to +40°C; the mean daily temperature does not exceed +30°C.
- 4.3 Altitude: Not exceed 1,000 meters.
- 4.4 Atmosphere conditions: When the maximum temperature is +40°C, the relative humidity of air does not exceed 50%, and the allowable 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.

BH(SDH)-0.66 II Type Current Transformer

5 Outline and Installation Dimensions of Accessories

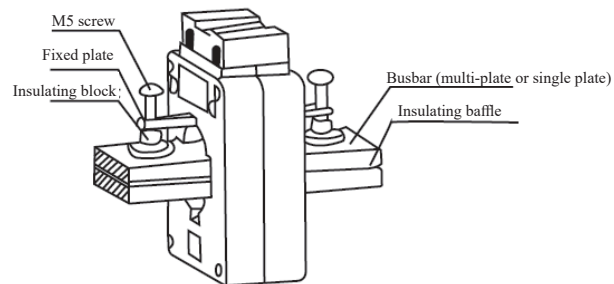


Outline and installation dimensions of accessories for BH-0.66, BH(SDH)-0.66 30-60 type

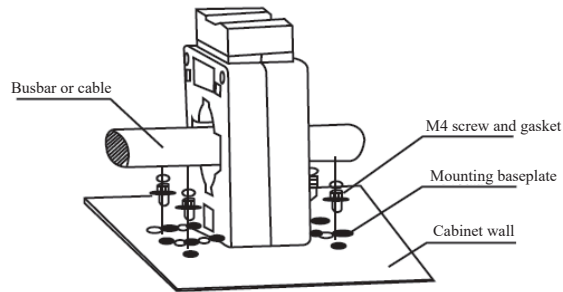


Outline and installation dimensions of accessories for BH-0.66, BH(SDH)-0.66 80 type

6 Current Transformer Installation Diagram



Busbar fixed type



Baseplate mounted type

7 Ordering Notice

- Please specify the product model, window width, current ratio, rated output and corresponding accuracy level when ordering.
For example: To order BH(SDH)-0.66 type transformer system with a window width of 40mm, a rated current ratio of 200/5A, a rated output of 5VA, and with an accuracy level 0.2, the ordering information is described as follows: BH(SDH)-0.66 40 200/5 Level 0.2.
- The load not marked in the system refers to the parameter in the table by default, and the grade not marked in the system is Grade 5 by default.
- Please specify other requirements in the contract if any.