BH(SDH)-0.66 II Type Current Transformer

1 Product 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 plastic 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.
Available standard: IEC 61869-1.

2 Type designation

SD H – 0.66 □ II

- II — Type
- □ — Window width
- 0.66 — Rated voltage (kV)
- H — Current transformer
- SD — CGS low-voltage drawer-type switch cabinet

3 Product parameters

BH(SDH)–0.66 30

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		
50/5	5	2.5				1	BH(SDH)-0.66 30
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	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	
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	
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	

BH(SDH)-0.66 II Type Current Transformer

BH(SDH)-0.66 60

BH(SDH)-0.66 80

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		
400/5	5	5	5	5	5	1	BH(SDH)-0.66 60
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	
600/5	5	5	5	5	5	1	BH(SDH)-0.66 80
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	
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	
1000/5	10	10	10	10	10	1	BH(SDH)-0.66 120
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	
800/5	10	5				1	BH(SDH)-0.66 130
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	
5000/5	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

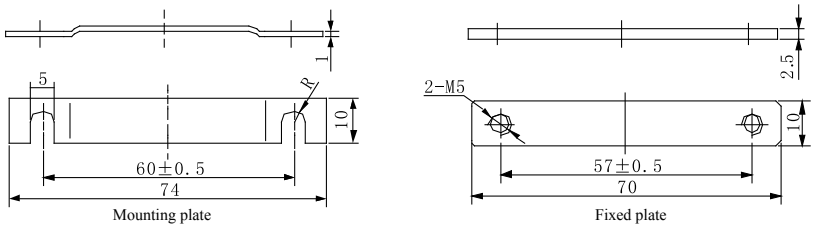
Current ratio	Rated secondary load (VA)					Number of core-through turns	Outline and installation diagram
	Grade 1.0	Grade 0.5	Grade 0.5s	Grade 0.2	Grade 0.2s		
1000/5	10	10	10	10	10	1	BH(SDH)-0.66 150
1200/5	10	10	10	10	10	1	
1500/5	10	10	10	10	10	1	
2500/5	20	20	20	20	20	1	
3000/5	20	20	20	20	20	1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

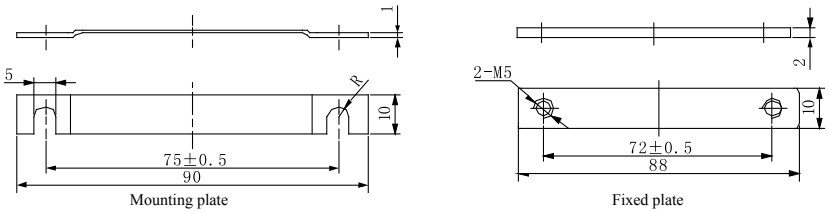
4.1 Installation site: indoors.
4.2 Ambient temperature: -5ºC to +40ºC; the mean daily temperature does not exceed +30ºC.
4.3 Altitude: Not exceed 1000m.
4.4 Atmosphere conditions: When the maximum temperature is +40ºC, the relative humidity of air does not exceed 50%, and the allowable relative humidity 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.

BH(SDH)-0.66 II Type Current Transformer

5 Size of shape and installation dimensions of accessories

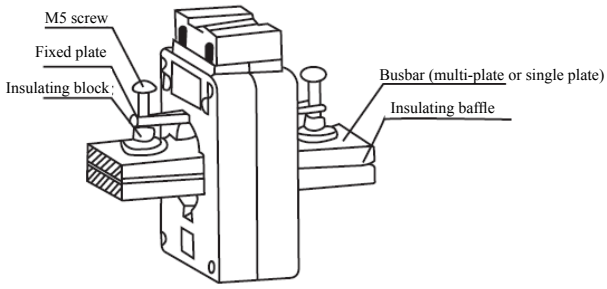


Size of shape and installation dimensions of accessories for BH-0.66, BH(SDH)-0.66 30-60 type

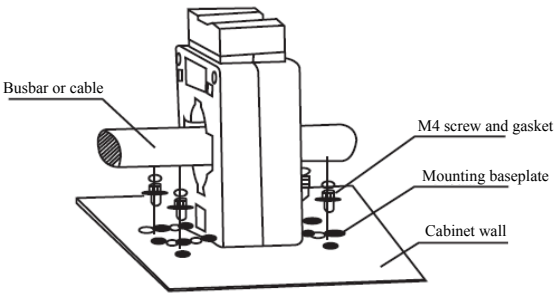


Size of shape and installation dimensions of accessories for BH-0.66, BH(SDH)-0.66 80 type

6 Current transformer installation diagram



Busbar fixed type



Baseplate mounted type

7 Order information

1. 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.
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.
3. Please specify other requirements in the contract if any.