

# BH-K Series Split-core Current Transformer

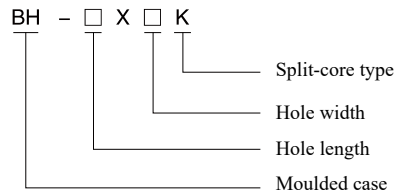


## 1 Overview

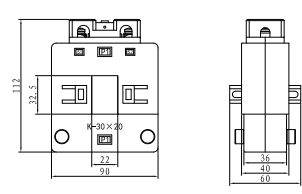
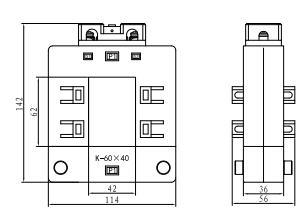
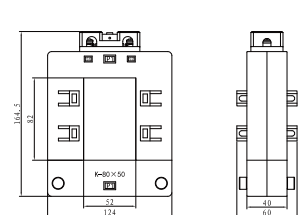
BH-K series transformer is specially designed for convenient installation in the circuit system or power grid transformation system. It can be installed without disconnecting cable or busbar.

This product is suitable for AC line with rated frequency 50Hz and rated working voltage 0.66kV and below for current and electric energy measurement.

## 2 Type Designation

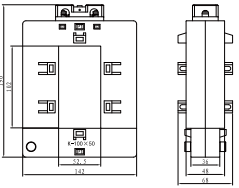
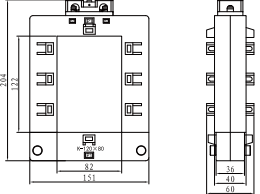
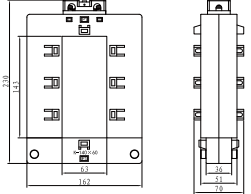
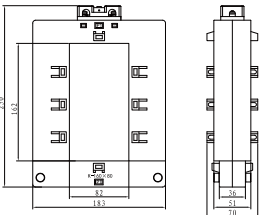


## 3 Technical Parameters

Product model	Current ratio	Rated secondary load (VA)				Number of turns	Outline drawing
		Grade 3.0	Grade 1.0	Grade 0.5	Grade 5S		
BH-30*20K	100/5	1.5				1	
	150/5		1.5			1	
	200/5		2.5	1.5		1	
	250/5		2.5	2.5		1	
	300/5		5	5	2.5	1	
	400/5		5	5	2.5	1	
BH-60*40K	300/5	2.5	1.5			1	
	400/5	2.5	2.5	1.5		1	
	500/5	5	2.5	2.5		1	
	600/5	5	5	2.5		1	
	750/5	5	5	2.5		1	
	800/5	10	5	5		1	
	1000/5	10	10	5		1	
	1200/5	10	10	5		1	
BH-80*50K	600/5	2.5	2.5			1	
	750/5	5	2.5	2.5		1	
	800/5	10	5	2.5		1	
	1000/5	10	10	5		1	
	1200/5	10	10	5		1	
	1500/5	10	10	5		1	
	2000/5	15	10	10		1	
2500/5	15	10	10		1		

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Continued table

Product model	Current ratio	Rated secondary load (VA)				Number of turns	Outline drawing
		Grade 3.0	Grade 1.0	Grade 0.5	Grade 5S		
BH-100*50K	1000/5		10	5	5	1	
	1200/5		10	5	5	1	
	1500/5		10	10	5	1	
	2000/5		15	10	10	1	
	2500/5		15	10	10	1	
	3000/5		20	10	10	1	
BH-120*80K	1500/5		10	5	5	1	
	2000/5		15	10	5	1	
	2500/5		15	10	10	1	
	3000/5		20	10	10	1	
	4000/5		20	10	10	1	
BH-140*60K	1500/5		10	5	5	1	
	2000/5		15	10	10	1	
	2500/5		15	10	10	1	
	3000/5		20	15	10	1	
	4000/5		20	15	15	1	
	5000/5		30	20	20	1	
BH-160*80K	2000/5		15	10	10	1	
	2500/5		15	10	10	1	
	3000/5		20	15	10	1	
	4000/5		20	15	15	1	
	5000/5		30	20	20	1	

### 4 Operating Conditions

- 4.1 Installation site: Indoors.
- 4.2 Ambient humidity: -5°C+40°C; daily mean does not exceed +30°C.
- 4.3 Altitude: Not exceed 1,000 meters.
- 4.4 Atmospheric conditions: The relative air humidity at the maximum temperature +40°C does not exceed 50%, and the permissible relative humidity at a lower temperature do not exceed 80%.
- 4.5 There is no serious dirty in atmospheric air, and gas and there is no enough conductive dust to cause metal corrosion and insulation damage in medium.
- 4.6 There is no violent vibration and bumps at installation site.
- 4.7 There is no direct sunlight, rain and snow erosion or severe mildew at the installation site.