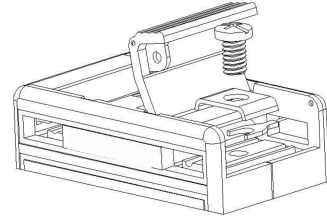


AKH-0.66/I current transformer

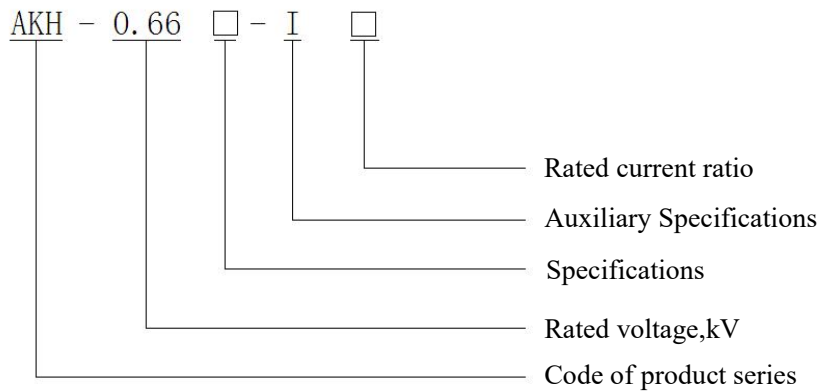
1. Product feature

The appearance is nice and the wiring is convenient. The transparent polycarbonate material is selected for the flip. We can clearly see the secondary lead wiring. It has a square-round hole for both cable and bus passing through. As an alternating current signal acquisition element, it is generally matched with measuring instruments and widely used in electrical sets.

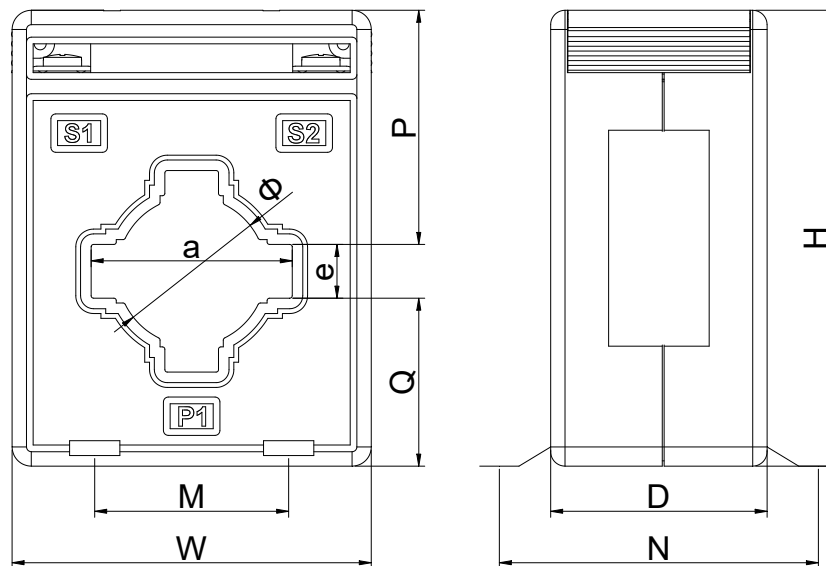


This product meets the requirements of GB20840.2-2014 (Equivalent IEC61869-2:2012, MOD), and has achieved CE certificate.

2. Explanation for type



3. Spec. and size



Type \ Size (mm)	Outline size			Through size			Mounting size		Tolerance (mm)
	W	H	D	a	e	Φ	M	N	
20I	48	67	36	/	/	20.5	/	/	±1
30I	60	78	36	31	11	22	34	57.5	
40I	75	95	45	40	11	31	40	57.5	
60I	102	130	45	61.5	21	45	42	57.5	
80I	118	140	45	82	11	52	60	57.5	

4. Cross-reference tables of spec. –parameter

Specificat ion	Rated current ratio (A)	Precision degree and corresponding rated load (VA/Ω)			Straight- through tums	Bus spec(mm) /number	Max. cable outer diameter (mm)	Install ation
		0.2	0.5	1				
20I	50/5 (1)	/	/	1.5	2	/	Φ 20	A
	75/5 (1)	/	2.5	/	2			
	100/5 (1)	/	/	1.5	1			
	150/5 (1)	/	2.5	/	1			
	200/5 (1)	/	2.5	/	1			
30I	15/5 (1)	/	/	1.5	5	/	Φ 22	A
	20/5 (1)	/	/	1.5	4			
	25-30/5 (1)	/	/	1.5	3			
	40-60/5 (1)	/	/	1.5	2			
	75-100/5 (1)	/	/	1.5	1	30×10/1		A、B
	150-200/5 (1)	/	2.5	/	1			
	250/5 (1)	/	3.75	/	1			
	300-450/5 (1)	/	5	/	1			
	500/5 (1)	/	10	/	1			
	600/5	/	10	/	1			
40I	10/5 (1)	/	/	1.5	10	/	Φ 30	A
	15/5 (1)	/	/	1.5	8			
	20/5 (1)	/	/	1.5	5			
	25-30/5 (1)	/	/	1.5	4			
	40/5 (1)	/	/	1.5	3			
	50-75/5 (1)	/	/	1.5	2			
	100/5 (1)	/	/	1.5	1	40×10/1		A、C
	150/5 (1)	/	/	2.5	1			
	200/5 (1)	/	2.5	/	1			
	250/5 (1)	/	3.75	/	1			
	300-450/5 (1)	/	5	/	1			





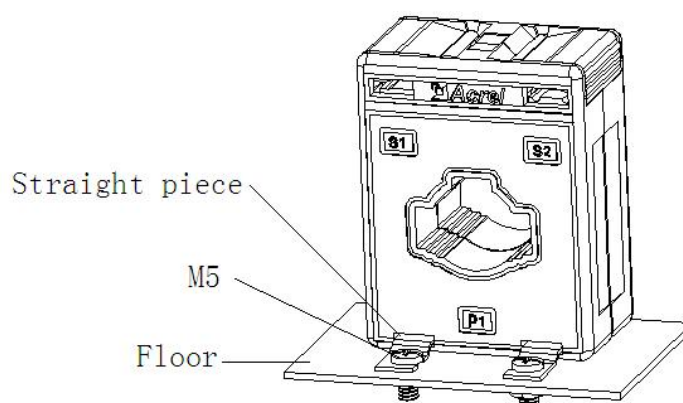
	500-800/5 (1)	/	10	/	1			
60I	150/5 (1)	/	/	2.5	1	60×10/1 60×6/ 1-2	Φ44	A、C
	200-250/5 (1)	/	2.5	/	1			
	300-450/5 (1)	/	5	/	1			
	500-800/5 (1)	/	10	/	1			
	1000-1250/5 (1)	10	/	/	1			
	1500-2000/5 (1)	20	/	/	1			
80I	150/5 (1)	/	/	2.5	1	80×10/1	Φ50	A、C
	200-250/5 (1)	/	2.5	/	1			
	300-400/5 (1)	/	5	/	1			
	500-800/5 (1)	/	10	/	1			
	1000-1250/5 (1)	10	/	/	1			
	1500-2000/5 (1)	20	/	/	1			
	2500/5 (1)	30	/	/	1			

5. Technical indicators

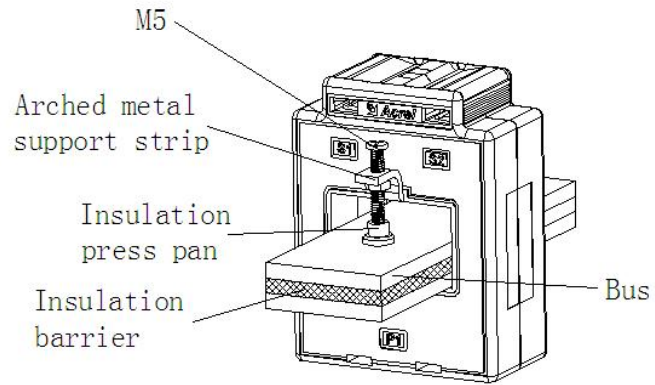
- Rated operation voltage AC 0.66kV(Equivalent AC 0.69kV,GB156-2017)
- Rated frequency 50-60Hz
- Ambient air temperature -30℃-70℃
- Height above sea level≤3000m
- Power frequency withstand voltage 3000v/1min 50Hz
- Used in place without direct rain and snow,without severe pollution and acute shock
- The rated current of the primary equipment or the maximum load current of the line should not be greater than 2 / 3 of the rated primary current of the current transformer

6. Installation

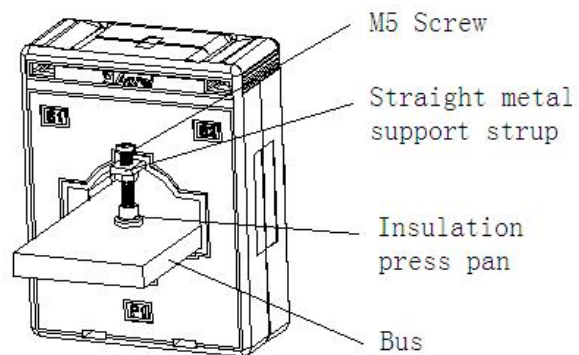
A: Fixed by straight piece



B:



C:



7.Design and test standards:

No.	Name	Testing condition	Measuring instrument	Product Verification Cycle	Product testing standards
1	Surface, Terminal mark	Temperature: 20-25°C Humidity: 50-65%	HLS-50G2 Standard Current Transformer、 HES-1 Digital Transformer Verification FY47 Current Transformer Load Gases FY49Current Transformer Load Gases LK2673 Withstand Voltage Tester ZC25-4 Insulation Resistance Shaking Instrument	2 Years	GB 20840.2-2014 《Current Transformer》 JJG313-2010 Verification Procedure
2	Power frequency Withstand voltage				
3	Insulation resistance				
4	Error testing				

Note: when the current transformer is used, the two time shall not open circuit, and the two outlet S2 needs to be grounded!