



AKH-0.66/G High-Accuracy Measuring Current Transformer Series

Verified English product data for the Malaysian market



Application

- Industrial AC current measurement.
- Used with energy meters and electrical measuring instruments.

Basic Parameters

- Models: G-I / G-II / G-III series
- Rated operating voltage: AC 0.66 kV
- Primary current: 5-6000 A
- Secondary output: 5 A or 1 A
- Accuracy: Class 0.2 / 0.5S / 0.2S

Model Selection Parameters

Model	Ratio (A)	Accuracy / rated burden			Turns	Busbar mm/qty	Cable mm	Install
		0.2	0.5S	0.2S				
G-301	10A/5(1)	2.5	1.5	1.5	15	/ 30×10/1	Φ22	A、E
	15A/5(1)	2.5	1.5	1.5	10			
	20A/5(1)	2.5	1.5	1.5	8			
	25A/5(1)	2.5	1.5	1.5	6			
	30A/5(1)	2.5	1.5	1.5	5			
	40A/5(1)	2.5	1.5	1.5	4			
	50A/5(1)	2.5	1.5	1.5	3			
	60-75A/5(1)	2.5	1.5	1.5	2			
	100A/5(1)	1.5	1.5	1.5	1			
	150A/5(1)	2.5	1.5	1.5	1			
	200-300A/5(1)	2.5	2.5	2.5	1			
	400A/5(1)	5	2.5	2.5	1			
G-30×301	600A/5(1)	5	5	5	1	/ 30×10/1	Φ28	F E、F
	5/5(1)	2.5	2.5	2.5	16			
	10/5(1)	2.5	2.5	2.5	8			
	15/5(1)	2.5	2.5	2.5	6			
	20-25/5(1)	2.5	2.5	2.5	4			
	30/5(1)	2.5	2.5	2.5	3			
	40-75/5(1)	2.5	2.5	2.5	2			
	100-150/5(1)	2.5	2.5	2.5	1			
	200/5(1)	5	5	2.5	1			
G-401	250-400/5(1)	5	5	5	1	40×10/1	Φ30	A、C
	200-300/5(1)	2.5	2.5	2.5	1			
	350-450/5(1)	2.5	2.5	2.5	1			
	500-800/5(1)	5	5	5	1			

Technical Indicators

Electrical Ratings

- Rated operating voltage:
AC 0.66 kV
- Power-frequency withstand:
3000 V/1 min, 50 Hz
- Rated frequency: 50-60 Hz

Measurement Data

- Primary current: 5-6000 A
- Secondary output: 5 A or 1 A
- Accuracy classes:
Class 0.2 / 0.5S / 0.2S
- Primary turns: ratio-dependent

Environment

- Ambient temperature:
-30 C to +70 C
- Altitude: ≤3000 m
- Indoor locations without direct
rain/snow, severe pollution
or strong vibration

Installation Instruction

Installation Instruction

Actual product

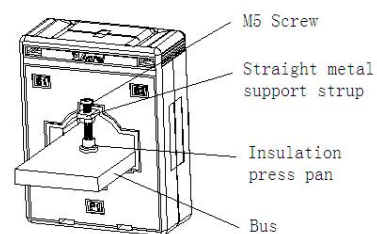
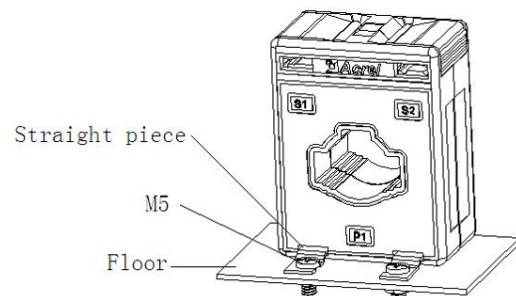
A - Straight-piece mounting



C - Single pressure-plate mounting

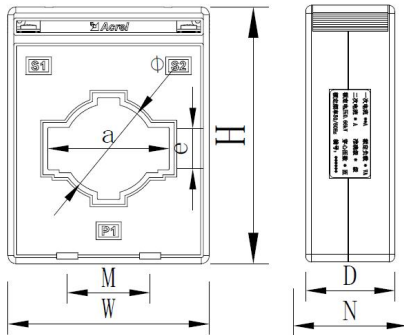


Official line drawing



Product Feature

G Series Outline and Dimensions



The AKH-0.66/G series uses a flip-cover design for convenient wiring. The transparent polycarbonate cover allows the secondary lead connections to be viewed. Designed for industrial AC current measurement, the series is used with energy meters and electrical measuring instruments. It covers G-I, G-II and G-III constructions, primary currents from 5 A to 6000 A, 5 A or 1 A secondary output, and Class 0.2, Class 0.5S or Class 0.2S accuracy depending on the selected model and ratio. The product conforms to GB/T 20840.2-2014, equivalent to IEC 61869-2:2012, MOD.

Model Range

- G-I: G-30I, G-30x30I, G-40I, G-60I and G-80I.
- G-II: G-40II through G-260x100II, depending on required busbar opening.
- G-III: G-60III, G-80III, G-100III and G-130III.
- Installation methods A, C, D, E and F are assigned by model.

Design and Test Standard

GB/T 20840.2-2014, equivalent to IEC 61869-2:2012, MOD.