

0-5A AC Current Signal Isolated Transmitter

(one in one out,DIN rail-mounted)

Summary:

WAYJUN AC current signal isolated transmitter adopts the magnetic isolation technology advanced, capable of isolating inspection / monitoring of AC voltage signal, the product has the advantages of small volume, low power consumption, high precision. A single-phase, three-phase three wire and three-phase four wire multi. Between the input and output and auxiliary power supply can withstand 2500VDC isolation voltage, all output multiple products are isolated from each other, can be flexibly applied. Widely used in electric power, chemical, petroleum, industrial and automation fields.

Product List:

DINAC – 5AC - P□ - V/I□

Power Supply		Output Signal			
Power	code	current	code	voltage	code
24VDC	P1	0-20ma	A3	0~5V	V1
12VDC	P2	4-20ma	A4	0-10V	V2
5VDC	P3	User-defined	Az	1-5V	V6
15VDC	P4			User-defined	Vz
220VAC	P5				

Samples:

- 1: Input:0-5A Power supply:24V output:4-20ma Part No.:DINAC-5AC-P1-A4
- 2: Input:0-5A Power supply:220VAC output:4-20ma Part No.:DINAC-5AC-P5-A4

Product absolute maximum rating:

Continuous Isolation Voltage:3000VDC

Junction Temperature:+85℃

Storage Temperature:+150℃

Power voltage range: ±10% Vin

Note: if beyond the scope, the product may cause permanent damage.

Technical Parameter:

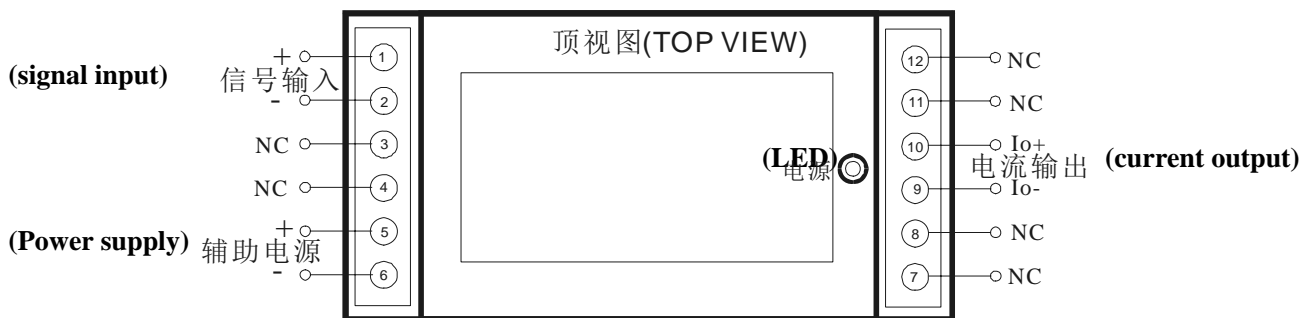
Parameter Name	Test Condition	Parameters	Unit	Note
Precision Grade		0.5		
Input Range		0~500mA~5AAC		Any Value
Isolation Voltage	0.5mA/60S	2500	VDC	
The linear range		0~120	%	
Load capacity	4~20mA output	<300	ohm	
	0~5V output	>2000	ohm	
overload capacity	terminal input	2(Max<50A)	times	5S
Frequency response		25~50~3000	Hz	
Working temperature		-10 ~ +70	℃	

Storage temperature		-20 ~ +80	°C	
Temperature drift		<100	ppm/°C	
Response time		<300	mS	

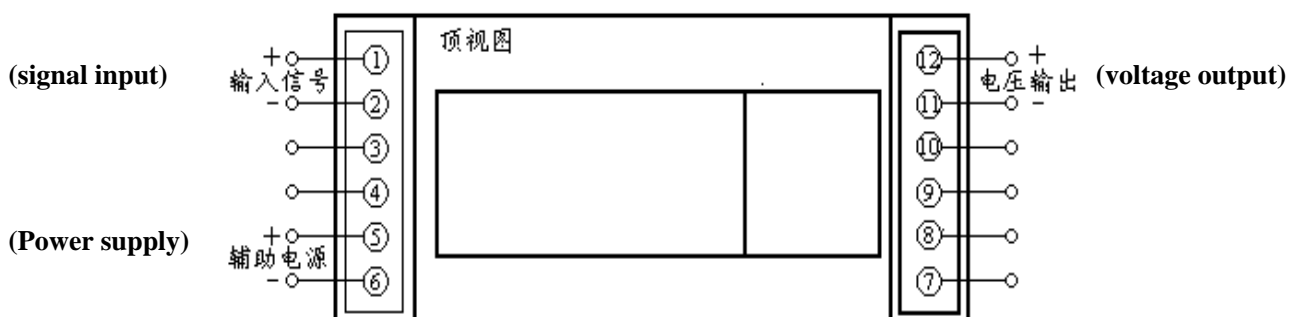
Pin Definitions:

Pin	function	
1	Vin+	Input signal +
2	Vin-	Input signal -
3	NC;	No PIN
4	NC;	No PIN
5	Vcc	Power supply +
6	GND	Power supply -
7	NC;	No PIN
8	NC;	No PIN
9	Io-	Current output -
10	Io+	Current output +
11	Vo-	Voltage output -
12	Vo+	Voltage output +

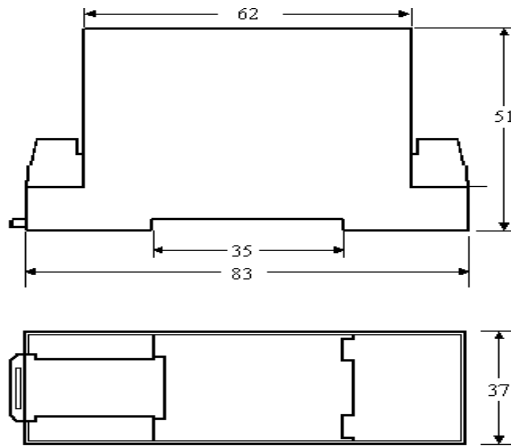
Current output(Top View)



Voltage output(Top View)



Size(mm):



Note:

1. Before using, according to packing lists, and product labels, check the quantity, models and specifications
2. When measure the signal directly, please set the terminal tighten
3. There are no damaged insulation, conductive dust and corrosive fumes of metal in the environment
4. Installation pitch $\geq 10\text{mm}$
5. We have adjusted well, do not adjust arbitrarily
6. Warranty: two years. But if clients damage products by themselves or tear off any labels on the product, we can not exchange
7. Products can not been used in strong magnetic field
8. Internal no anti-lightning circuit
9. Specifications subject to change without notice

Warranty

Two Years