

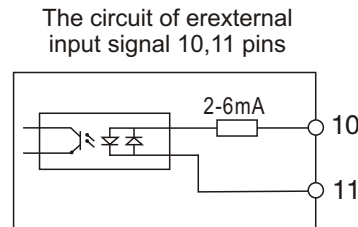


ICS-500 Intelligent Current Supply Product Manual

1 Introduction Of I/O interface

1	2	3	4	5	6	7	8	9	10	11	12	13	14
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|---------------------------------------|---------------------------|
| 1: Power GND(negative) | 8: Negative output signal |
| 2: N.C. | 9: Positive output signal |
| 3: N.C. | 10: Negative input signal |
| 4: Negative analog input voltage pole | 11: Positive input signal |
| 5: Positive analog input voltage pole | 12: Load negative |
| 6: PWM negative input pole | 13: Load positive |
| 7: PWM positive input pole | 14: Power +24V(positive) |



2 Instruction Of Dial Switch

You can choose control method and output current range through dial switch, but only one of the three control methods (S1,S2,S3&S4) can take effect while operating. For example, current status is in the mode of 0-5V or 0-10V analog input voltage control, another two methods (PWM, internal control) must be shut off except that S1 is in opened state.

- Analog input voltage control mode is chosen when S1 is shut off.
- PWM input control method is chosen when S2 is shut off.
- Internal control method is chosen when S3&S4 are shut off simultaneously. You can adjust output current through knob and save the set current value by short press.
- S5 (1) when it is in closed state, 0-5V input control method is selected. (external input voltage with range of 0-5V at the time); (2) when it is in opened state, 0-10V input control method is selected. (external input voltage with range of 0-10V at the time)
- S6 (1) when it is in closed state, 0-500mA output current range is selected. (when input is minimum of input range, output is 0mA; but input is maximum of input range, output is 500mA); (2) when it is in opened state, 0-250mA output current range is selected. (when input is minimum of input range, output is 0mA; but input is maximum of input range, output is 250mA).

3 Instruction Of Indicator Light

1. If the power supply is normal, indicator light "power" will stay lit.
2. If external control mode(analog voltage control or PWM control) is chosen, indicator light "SET1" and "SET2" will be off.
3. If internal control method is chosen, indicator light "SET1" will be on and "SET2" will be off acquiescently.
4. In the mode of internal control, when external signal input(means that 10,11 pins are on), system will switch to SET2 output current, indicator light "SET2" will be on and "SET1" will be off at the time.

4 Operating Instructions Of Knob

The product can set up parameter through the adjust knob. The major operating method mainly in the following three types:— quick press once; press the knob for 1 second(long press); left-right rotation.

- (1) If no external signal input in operation state, indicator light "SET1" will be on and "SET2" will be off, at this time rotating knob can adjust current of SET1; If external signal input in operation state, indicator light "SET1" will be off and "SET2" will be on, at this time rotating knob can adjust current of SET2 and quick press once can save set value.

✂ Please retain the warranty cards by cutting along the dotted line.

Welcome to buy the series of products of our company. Please checking and accepting the product after opening the package.

NO.	ITEMS	QUANTITY	REMARKS
1	ICS-500 Intelligent Current Supply Product Manual	1	Standard configuration
2	Product Manual	1	Standard configuration

Note: Check all parts. If you find any defective or missing parts contact your local dealer when you opening the package.

Username	<input type="text"/>	Telephone	<input type="text"/>
Address	<input type="text"/>		
Zip code	<input type="text"/>	Purchase date	<input type="text"/>
Purchase address	<input type="text"/>		
Retail price	<input type="text"/>	Sales NO.	<input type="text"/>
Product type	<input type="text"/>	Product's P/N	<input type="text"/>
Dealer signature	<input type="text"/>	User signature	<input type="text"/>

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(2) Enter or withdraw from the set of parameters

The system is in operation after the product electricity, at when you can enter parameter setting mode by pressing the knob for 1 second (other operation is invalid). After entering parameter setting mode, LED screen appears "P01", and then you can enter submenu by quickly press or exit menu by long press, turning the knob left or right can switch one item to another (P01-P05). Next step enter any item by quickly press, turn the knob left or right can increase or decrease the parameter value, press again quickly can save the value, and press it for 1 second can get back to top-level menu.

(3) Instruction of P01-P05

- P01→The setting of SET1 output current: adjusting range 0 ~ 255, 255 correspond to maximum current value;
- P02→The setting of SET2 output current: adjusting range 0 ~ 255, 255 correspond to maximum current value;
- P03→reserve;
- P04→reserve;
- P05→reserve.



This instruction was revised in September 2011, You will not be noted if any content changed.

Warranty Description:

- 1, Our company promises: Since the products sold on the date of one year free warranty but the situation are not included in the repair guarantees as follow.
 - Outward appearance natural attrition.
 - The quality problems caused by irresistible natural disasters.
 - The damage from abnormal use or wrong operation.
 - The damage from the use of ultra-range caused by using wrong type.
 - The damage from improper storage by user.
 - The damage from repairing by self-disassembly without allowed by our company.
- 2, When the product appears a quality problem please send it and the warranty card back to our company and you are responsible for the postage.

Maintenance Records

	Date	Description of fault	Parts replaced	Serviceman	User signature
1					
2					
3					
4					
5					