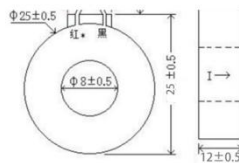
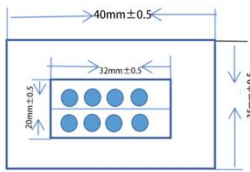
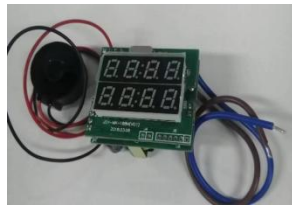
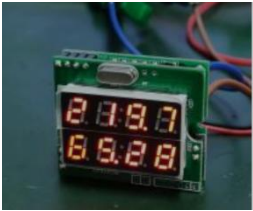


JSY-MK-188 Single mutual induction metering module

1. Product introduction

JSY-MK-188 : (Metering type digital display PDU meter) is a product that can complete current and voltage collection , and can accurately measure voltage and current parameters in single-phase AC circuits in real time . This product is widely used in computer room monitoring in various industries and is used by most system integrators, automation companies and research institutes. It is a highly cost-effective, stable and reliable product.

2. Product appearance diagram



(meter module)

(transformer)

3. Product Description

Metering function:

1. Collect single-channel AC parameters, including single-phase voltage and current parameters.
2. Buzzer alarm function. (customer-defined setting threshold, optional specifications)
3. 4-digit 8-segment digital tube displays voltage and current parameters .
4. Wide voltage working AC 85 ~ 265V.
5. be selected, changed and customized according to customer requirements .

Main Specifications :

1. Single-phase AC input
 - 1) Voltage range: 85-265V, etc. optional.
 - 2) Current range: 0.01-65A , etc. are optional; external open current transformer models are optional.

3) Signal processing: Using special metering chip, 24-bit AD sampling .

4) Overload capability: 1.2 times the range is sustainable; instantaneous (<20ms) current is 5 times, voltage is 1.2 times the range without damage.

5) Input impedance: voltage channel>1KΩ /V.

2. Measurement accuracy

Voltage, current: ±1.0%;

3. Power supply

1) Power supply: range AC85~265

2)Typical power consumption: ≤1W.

4. Working environment

1) Working temperature: -20~+70℃; Storage temperature: -40~+85℃.

2) Relative humidity: 5~95%, no condensation (at 40℃).

3) Altitude: 0~3000 meters.

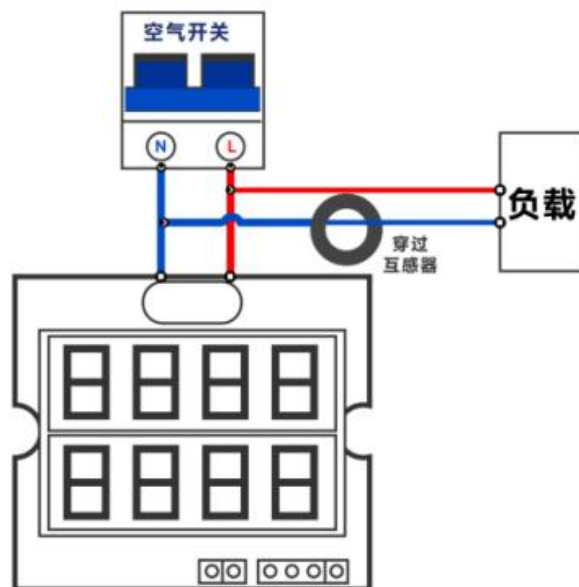
4) Environment: No explosive, corrosive gases and conductive dust, no significant shaking, vibration and impact.

5. Temperature drift : ≤100ppm/℃

4. Display function :

Page number	Display content
1	Voltage: 2 20.0 V (With one decimal point) Current: 5.00 A (With two decimal points)

5. Wiring diagram



6. Precautions

- 1) Pay attention to the auxiliary power information on the product label. Do not connect the wrong auxiliary power level and polarity of the product, otherwise the product may be damaged;
- 2) Please wire correctly according to the product specifications and models and refer to the diagram. Make sure to disconnect all signal sources and power before wiring to avoid danger and damage to the equipment. After checking and confirming that the wiring is correct, turn on the power and test again;
- 3) The voltage circuit or the secondary circuit of the PT cannot be short-circuited;
- 4) When the CT is measuring current for the first time, it is strictly forbidden to open the secondary circuit of the CT; it is strictly forbidden to make live connections or unplug terminals;
- 5) When using the product in an environment with strong magnetic interference, please pay attention to the shielding of the input and output signal lines;
- 6) When installed in a centralized manner, the minimum installation interval should not be less than 10mm;
- 7) Please do not modify or modify the product's label or logo, and do not disassemble or modify the product, otherwise our company will no longer provide "three guarantees" (guaranteed replacement, guaranteed return, and guaranteed repair) services for the product.

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