

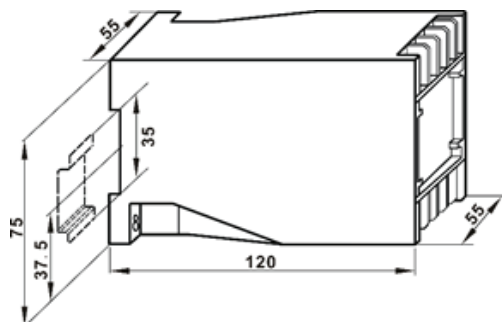
Features

- > Purpose: It is a device that transforms the current parameters in the power grid into linear DC analog signals through isolation.
- > Measurement: single-phase alternating current
- > Accuracy: 0.2%, 0.5%
- Output: 0~20mAdc, 4~20mAdc, 0~10Vdc, 0~5Vdc and other analog signals

technical parameter

AC input	0.1A, 1A, 5A, etc.
Input load	Current transformer CT: $\leq 0.2VA$
Allow overload	Current $\times 2$ times the nominal value continuous; current $\times 10$ times the nominal value 10s
Precision	0.2%, 0.5%
Response time	$\leq 400ms$
The output voltage	0~10Vdc, 0~5Vdc (load resistance = input voltage/10mAdc)
Output current	0~20mAdc, 4~20mAdc (load resistance = 10Vdc/output current)
Output ripple	$\leq 0.5\%$ RO peak-to-peak value
Working environment temperature and humidity	0~50°C/less than 80% relative humidity (non -condensing state)
Storage environment temperature and humidity	-20~70°C/less than 70% relative humidity (noncondensing state)
using electric	AC/DC 80V ~ 270V special specifications can be customized (DC12V, 24V, 48V)
isolation	Input/output/power supply/shell
Power consumption	DC about 3W, AC about 4VA
Shell material	ABS fireproof material
weight	About 300 grams
Compressive strength	AC2kVrms/min
Insulation resistance	More than 100M Ω at DC500V
Dimensions	120 (L) \times 55 (W) \times 75 (H) mm
Installation method	35mm standard rail or fixed on the cabinet

Size

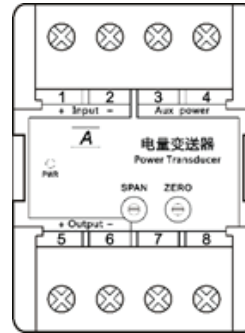


Correction fine-tuning

PWR: Power indicator

SPAN: Full scale potentiometer

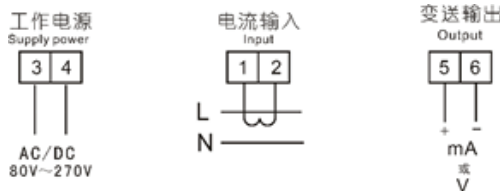
ZERO: Zero calibration potentiometer



!The calibration potentiometer is dedicated for meter calibration, non-professionals are forbidden to calibrate

- ① Zero calibration: When the signal input is zero, adjust the "ZERO" potentiometer on the front panel to make the output signal low scale (such as 0 or 4mA).
- ② Full scale calibration: After adding the nominal signal to the signal input terminal, adjust the "SPAN" potentiometer on the panel to make the output full scale (such as 20mA).
- ③ Sometimes it is necessary to repeat zero calibration and full scale calibration several times.

Wiring diagram



Installation method: fixedly installed on a 35mm standard rail

Installation matters needing attention

1. Confirm that the specifications indicated on the specification sticker are the same as the one ordered.
2. Whether the input current is within the specification range.
3. Pay attention to whether the working power supply is correct and connect the correct terminals; be sure to wire according to the transmitter wiring diagram.
4. The input of the transmitter is connected to the secondary output of CT.
5. If there is any discrepancy between the content in this manual and the website, samples, etc., the manual shall prevail.

Product Warranty Instructions

*This manual is not a general manual for such products, and the content is subject to change without notice. The instructions attached to the product are consistent with the product specifications.

*If customers use this product normally, the company will provide free warranty service within one year from the date of purchase.

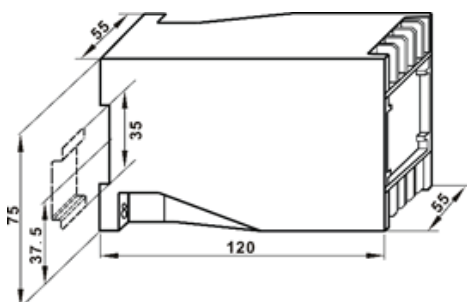
Features

- > Purpose: It is a device that transforms the voltage parameters in the power grid into linear DC analog signals through isolation.
 - > Measurement: single-phase alternating current
 - > Accuracy: 0.2%, 0.5%
- Output: 0~20mAdc, 4~20mAdc, 0~10Vdc, 0~5Vdc and other analog signals

technical parameter

AC input	100V, 400V, 600V, etc.
Allow overload	Voltage × 1.2 times thenominal value continuous
Precision	0.2%, 0.5%
Response time	≤400ms
The output voltage	0~10Vdc, 0~5Vdc (load resistance = input voltage/10mAdc)
Output current	0~20mAdc, 4~20mAdc (load resistance = 10Vdc/output current)
Output ripple	≤0.5% RO peak-to-peak value
Working environment temperature and humidity	0~50°C/less than 80% relative humidity (non - condensing state)
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Insulation resistance	More than 100MΩ at DC500V
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Dimensions

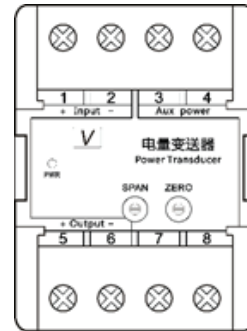


Voltage Transducer



Correction fine-tuning

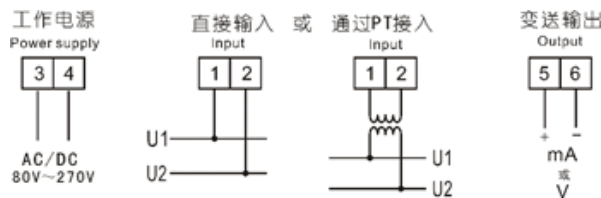
PWR: Power indicator
SPAN: Full scale potentiometer
ZERO: Zero calibration potentiometer



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Wiring diagram



1. ■ Installation method: fixedly installed on a 35mm standard rail
2. ■ Installation matters needing attention
3. 1. Confirm that the specifications indicated on the specification sticker are the same as the one ordered.
4. 2. Whether the input current is within the specification range.
5. 3. Pay attention to whether the working power supply is correct and connect the correct terminals; be sure to wire according to the transmitter wiring diagram.
6. 4. The input of the transmitter is connected to the secondary output of the PT.
7. 5. If there is any discrepancy between the content in this instruction and the website, sample, etc., please refer to this instruction.

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