

## Introduction of integrator

The combination of Rogowski coil and integrator can realize 90° phase-shift compensation and frequency equalization, so that the output of Rogowski coil has the same phase with the primary current and is frequency independent, which is suitable for more application scenarios. TRV series integrators are instantaneous voltages proportional to the primary current output and are commonly used with power dividers, oscilloscopes, ammeters, data loggers, data acquisition cards, and other devices.

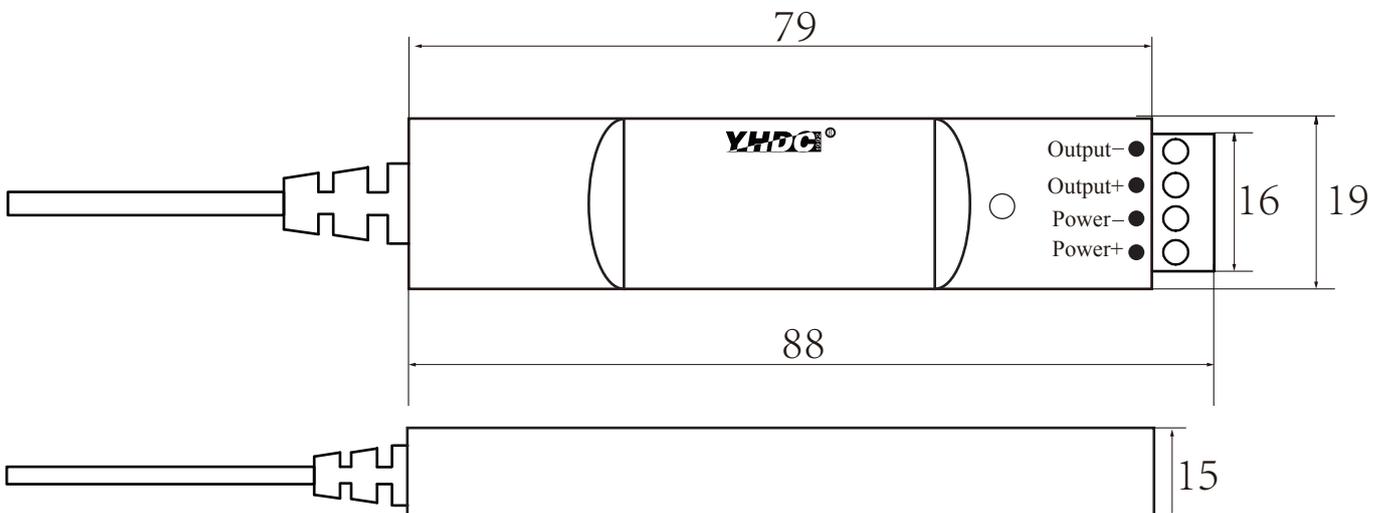
## Characteristic

- Accuracy 0.5%
- Low zero drift
- Low power consumption
- Small size
- Can be used in combination with any size RFSY Roche coil
- It can be used in combination with any size RFSZ Roche coil

## Terminal definition

- Output- ●
- Output+ ●
- Power- ●
- Power+ ●

## Dimensions (in:mm±0.5)



Product picture printing is for reference only, subject to the actual product



## Application

- Measuring instrument, laboratory instrument
- Power monitoring system
- DC ripple measurement
- Harmonic and transient monitoring
- Power meter
- Power analyzer sensor

## Electrical parameters: (The following parameters are

typical values and actual values will be subject to product testing)

Model	TRV01-333AC-1	TRV01-001AC-1	TRV01-033AC-1
Rated input	100~6KA		
Rated output	0.333V AC	0-1V AC	3.3V AC
Maximum output	3.3V AC	3.3V AC	3.3V AC
Accuracy	0.5%		
Frequency range	10Hz~10KHz		
Linearity	±0.2%		
Phase shift	≤0.5°		
Response time	≤1uS		
Ripple coefficient	1%		
Supply voltage	12V DC	12V DC	12V DC
Installation	Suspension		
Working temperature	-20°C~+60°C		
Storage temperature	-40°C~+60°C		
Protection grade	IP20		