




# AC Voltage Transducer


Certificates 



## Model No.

**KTB-** 

-  How to order ) KTB-161A1S  
150V/4~20mA/1P2W  
/Average value/AC 110/220V
-  How to order ) KTB-263R1S  
300V/4~20mA/3P3W  
/RMS value/AC 110/220V
-  Customized product can be produced by order.

① AC Voltage input	② DC Output	③ Circuit
1 0 ~ 150V	6 4 ~ 20mA	1 1P2W(LTy)
2 0 ~ 300V	7 0 ~ 1mA	2 1P3W(LLTy)
0 Order-made	8 1 ~ 5V	3 3P3W(LLTy)
 Less than Three-phase	9 0 ~ 10V	4 3P4W(LLTy)
Single phase less than 420V	0 Order-made	5 1P2W(MTy)
④ Type	⑤ Aux. power	⑥ Number of outputs
A Average value	1 AC 110/220V (Except 2 Output)	S 1 Output(M,L ty) for Single phase 3 Output(LL ty) for 3 phase
R RMS value	2 AC 90~260V, DC110V, 220V (Except RMS)	T 2 Output for Single phase
	3 DC 24V (Except RMS, 2 Output)	
	1 AC 110/220V (Except 2 Output)	

## Specification

Class	Average value(0.2): Rms value(0.5)	Withstand voltage	AC 2kV /1 min
Aux. power	Refer to the table above	Surge impulse	Voltage(1.2μs/ 50μs, 5kV) Current(8μs/20μs)
Operating temperature	-10~50°C	Max allowable Voltage	V-150% 10sec, 120% continuous
Operating humidity	20 ~ 85%	Weight	200g(MTy), 500g(L Ty) 1140g(LL Ty)
Insulation resistance	More than 10MΩ		

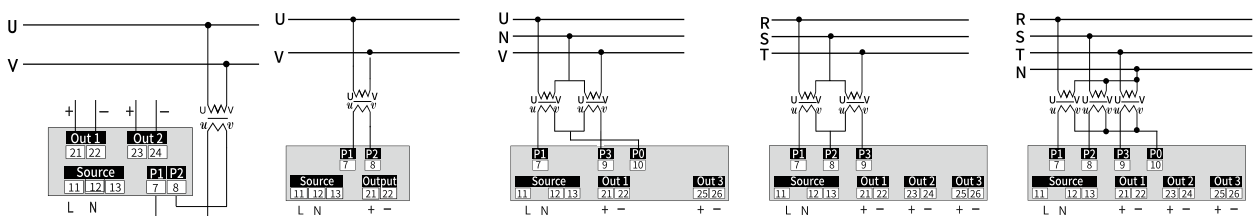
## Input

AC Voltage	0 ~ 150V(50/60Hz) 0 ~ 300V(50/60Hz)
------------	--

## Load resistance by output

DC	Load resistance
4~20mA	0~500Ω
0~1mA	0~10kΩ
1~5V	More than 200Ω
0~10V	More than 500Ω

## Connection diagram



| 1P2W(LTy)-2Output |
| 1P2W(L,MTy) |
| 1P3W(LLTy) |
| 3P3W(LLTy) |
| 3P4W(LLTy) |