

# AC Current Transducer

Certificates 



## Model No.

**KTA-** 

How to order) KTA-163A1S

1A/4~20mA/3P3W  
/Average/AC 110/220V

How to order) KTA-283A1S

5A/1~5V/3P3W/Average  
/AC 110/220V

Customized product can be  
produced by order.

<b>① AC Current Input</b>	<b>② DC Output</b>	<b>③ Circuit</b>
1 0 ~ 1A	6 4 ~ 20mA	1 1P2W(LTy)
2 0 ~ 5A	7 0 ~ 1mA	2 1P3W(LLTy)
	8 1 ~ 5V	3 3P3W(LLTy)
	9 0 ~ 10V	4 3P4W(LLTy)
	0 Order-made	5 1P2W(MTy)
<b>④ Type</b>	<b>⑤ Aux. power</b>	<b>⑥ Number of outputs</b>
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, DC 110V, 220V (Except RMS)	T 2 Output for Single phase
	3 DC 24V (Except RMS, 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 current	A-200% 10sec, 120% Continuous
Operating humidity	20 ~ 85%	Weight	200g(MTy), 500g(L Ty) 1140g(LL Ty)
Insulation resistance	More than 10MΩ		

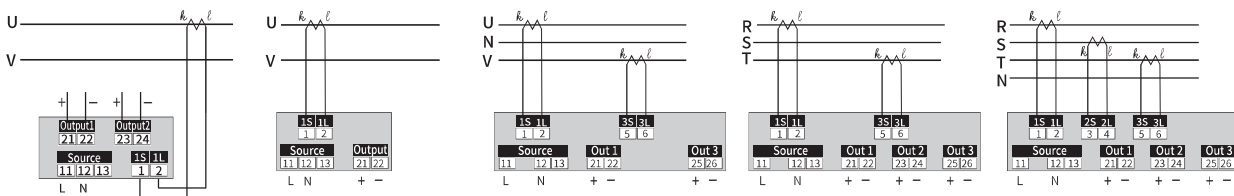
## Input

AC Current	0 ~ 1A(50/60Hz)
	0 ~ 5A(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)-1Output | 1P3W(LLTy) | 3P3W(LLTy) | 3P4W(LLTy)