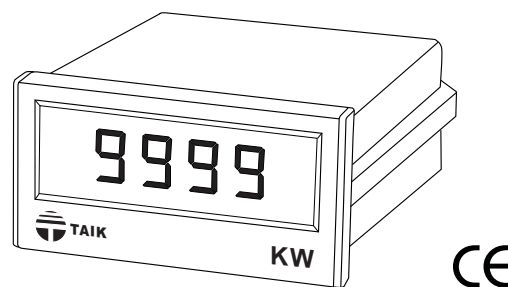


- 4 digits display: ± 9999
- Accuracy: $\pm 0.25\%$
- Programmable process rate monitor
- Precision measurement even for unbalance system
- Input/Output/Power/Case is isolated
- Outside dimension is DIN standard (96x48mm)



- Input

Circuit	AC Input		Basic Watt/VAR
	Voltage	Ampere	
Single Phase	110V	5A	0.5KW/±0.5KVAR
	220V		1KW/±1KVAR
3-Phase, 3-Wire	110V		1KW/±1KVAR
	220V		2KW/±2KVAR
3-Phase, 4-Wire	$3\sqrt{110V/110V}$		1.5KW/±1.5KVAR
	$3\sqrt{220V/220V}$		3KW/±3KVAR

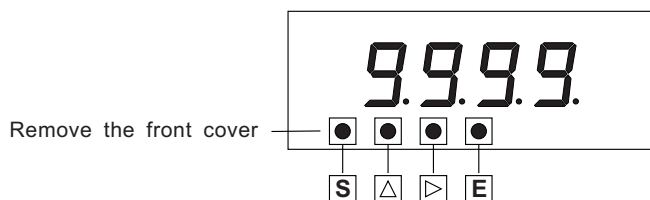
DC Output Range	Load Resistance	Output Resistance	Output Ripple	Response Time					
0 ~ 1V	$\geq 1\text{K}\Omega$	$\leq 0.05\Omega$	$\leq 0.5\%$ RO. (Peak)	$\leq 400\text{mS}$ 0 ~ 99%					
0 ~ 5V									
1 ~ 5V									
0 ~ 10V									
0 ~ 1mA	0 ~ 10K Ω	$\geq 20\text{M}\Omega$							
0 ~ 10mA	0 ~ 1K Ω	$\geq 5\text{M}\Omega$							
0 ~ 20mA	0 ~ 500 Ω								
4 ~ 20mA									

Interface	RS 485
Protocol	MODBUS, RTU framing
Baud rate	1200 ~ 38400
Address range	1 ~ 255
Data format	N82, O81, E81, N81

Display	14.2mm (0.56") H, red LED
Max. input over capability	Amp. 2 x rated continuous 10 x rated 30 seconds Volt. 1.5 x rated continuous
Accuracy	± 0.25% F.S. ± 3 digits, PF ≥ 0.5, indicator ± 0.25% RO., PF ≥ 0.5, output
Input burden	Volt, input ≤ 0.5VA/Phase Amp. Input ≤ 0.1VA/Phase
Input frequency range	45 ~ 70Hz
Sampling time	Abt. 0.8 sec.
Aux. power source	AC/DC 85 ~ 265V

Power consumption.....	≤ AC 6.5VA, ≤DC 5W
Power effect.....	≤0.1%
Waveform effect.....	≤0.2%, at distortion factor 15%
Output load effect.....	≤0.05% RO.
Magnetic field strength.....	≤0.2%, 400A/M.
Operating temperature range.....	0 ~ 60°C
Storage temperature range.....	- 10 ~ 70°C
Temperature coefficient.....	≤150PPM/°C
Max. relative humidity.....	95%
Dielectric strength (IEC 688).....	AC 2KV/1 minute
	Input/output/power terminals
	AC 3KV/1 minute
	All terminals to case
Connection diagram.....	See page 23, Figure G.
Dimensions	See page 23, Figure 01.

- **Display (Programmable process)**

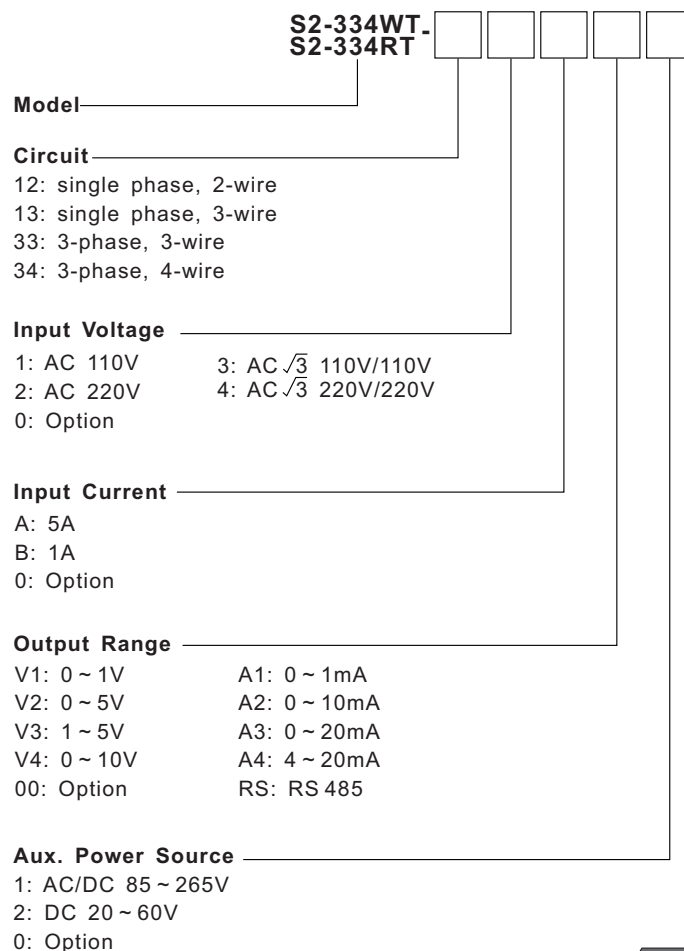


[S]: Press [S] to enter the setting process
[Δ]: Press [Δ] to change the value as required
[▶]: Press [▶] to move on the LED digit as required
[E]: Press [E] to confirm the setting value and function

* All details on operation must refer to the instruction manual

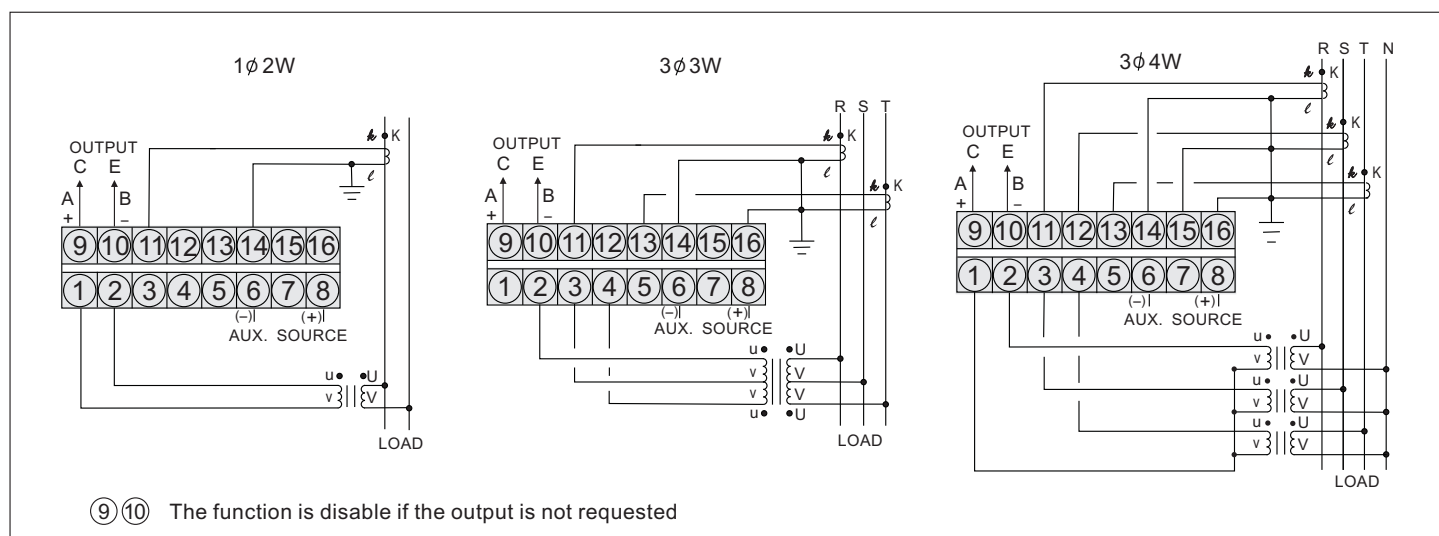
Electrostatic discharge	IEC 61000-4-2
Electromagnetic fields immunity	IEC 61000-4-3
Electrical transient in burst	IEC 61000-4-4
Withstanding impulse voltage	IEC 61000-4-5
Immunity to voltage dips	IEC 61000-4-11

■ ORDERING INFORMATION



CONNECTION DIAGRAMS

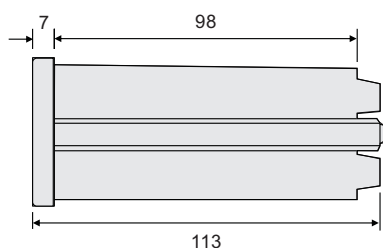
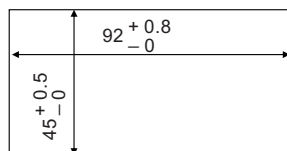
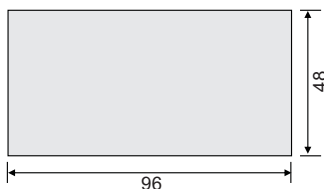
Figure G.



OUTSIDE DIMENSION (UNIT:mm)

Figure 01.

• PANEL CUT-OUT



TAIK ELECTRIC CO., LTD.