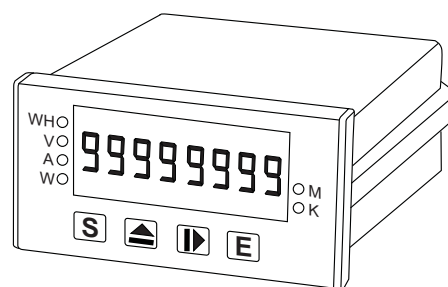


- Display: 99999999(WH)
- Display: 9999(V. A. W)
- Programmable process rate monitor
- Easy-to-wire, screw-type terminals
- Input/Output/Power/Case is isolated
- Outside dimension is DIN standard (96x48mm)



- **Input**

Circuit	AC Input		Display
	Voltage	Ampere	
Single Phase	110V	5A . 1A	99999999 (Auto-Cal. Decimal point)
	220V		
3-Phase, 3-Wire	110V		
	220V		
3-Phase, 4-Wire	$\sqrt{3}$ 110V/110V		
	$\sqrt{3}$ 220V/220V		

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

Display	9.1mm (0.36") H, red LED
Max. input over capability	Amp. 3 x rated continuous 10 x rated 30 seconds 50 x rated 1 second Volt. 750V continuous
Accuracy	$\pm 0.3\%$ F.S. ± 1 digit, PF ≥ 0.5 (Option: depending on actual measuring)
Input burden	Volt. input ≤ 0.5 VA/Phase Amp. Input ≤ 0.3 VA/Phase
Input frequency range	45 ~ 70Hz
Aux. power source	AC/DC 85 ~ 265V DC 20 ~ 60V
Power consumption	$\leq$ AC 6.5VA, $\leq$ DC 5W
Operating temperature range	0 ~ 60°C
Storage temperature range	- 10 ~ 70°C
Temperature coefficient	≤ 150 PPM/ °C
Max. relative humidity	95%
Memory backup	FRAM
Memory times	≥ 10 years
Dielectric strength (IEC 60688)	AC 2KV/1 minute Input/output/power terminates AC 3KV/1 minute All terminals to case
Connection diagram	See page 23, Figure G.
Dimensions	See page 23, Figure 01.

- **Electromagnetic compatibility**

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

S2-800MT –

Circuit

12: single phase, 2-wire

13: single phase, 3-wire

33: 3-phase, 3-wire

34: 3-phase, 4-wire

Input Voltage

1: AC 110V

2: AC 220V

3: AC $\sqrt{3}$ 110V/110V

4: AC $\sqrt{3}$ 220V/220V

0: Option

Input Current

A: 5A

B: 1A

0: Option

RS 485 Output

Y: Yes

N: None

Aux. Power Source

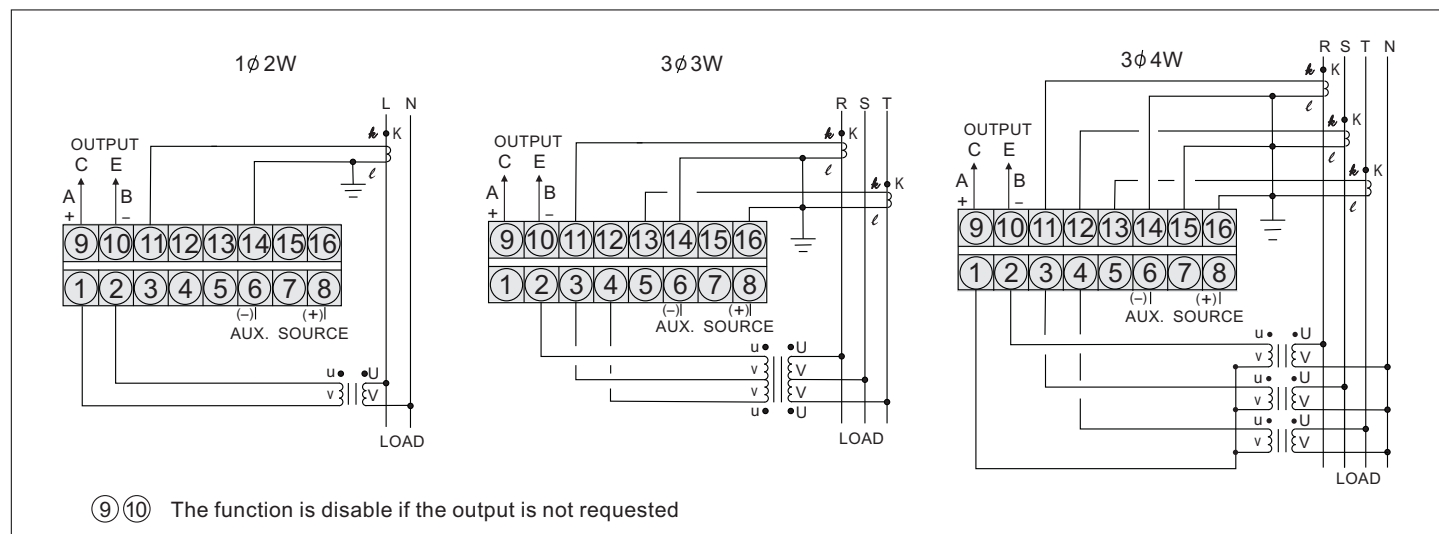
1: AC/DC 85 ~ 265V

2: DC 20 ~ 60V

0: Option

CONNECTION DIAGRAMS

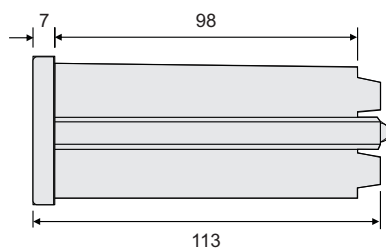
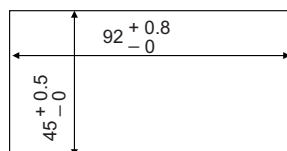
Figure G.



OUTSIDE DIMENSION (UNIT:mm)

Figure 01.

• PANEL CUT-OUT



TAIK ELECTRIC CO., LTD.



FM 40649