

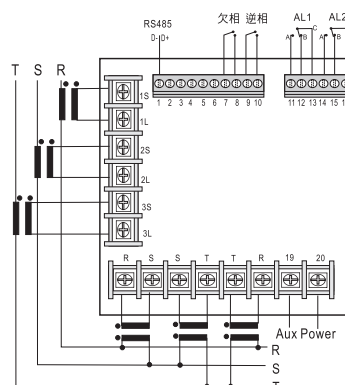
- Measuring 3 phase Volt, Current, Phase Sequence Status, Phase Failure Indicator
- Display range: -19999~99999; decimal point selectable
- Alarm functions for Over Voltage / Under Voltage / Over Current / Under Current
- 2 Alarms output / RS-485 communication optional (The above option can be exist together)
- Alarm Latch / Phase Sequence Detection / Phase Failure Detection function available
- DIN case: 96 x 96 mm
- High stability, non-flammable case (PC), high safety

SPECIFICATION

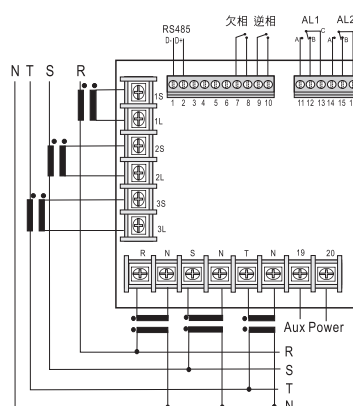
- ◆ Accuracy: $\pm 0.25\%$ for V
 $\pm 0.25\%$ for A
- ◆ Measuring Range: 3P3W, 3P4W systems
Voltage: 0~600Vac
Current: 0~5Aac
Frequency: 50/60 Hz
- ◆ Display Screen: High brightness LED; 14.22mm (0.56")
High brightness LED; 10.2mm (0.4")
- ◆ Sampling Time: 1 cycle / sec
- ◆ Display Range: -19999~99999
- ◆ Display Phase Sequence: "R S T" or "R T S"
- ◆ Parameters Setting: Push buttons
- ◆ Back Up Memory: EEPROM
- ◆ Alarm Action: " $\geq$ (Hi) on" or "< (Lo) on"
- ◆ Alarm Run Delay Time: 0~99 sec
- ◆ Relay Contact: AC 277V / 7A; DC 30V / 7A
- ◆ Communication: RS-485 Modbus RTU mode
- ◆ Baud Rate: 19200 / 9600 / 4800 / 2400 bps
- ◆ Temperature Coefficient: 100ppm / $^{\circ}\text{C}$ (0~60 $^{\circ}\text{C}$)
- ◆ Operating Temperature: 0~60 $^{\circ}\text{C}$
- ◆ Operating Humidity: 20~90% RH (non-condensing)
- ◆ Storage Temperature: -10~70 $^{\circ}\text{C}$
- ◆ Storage Humidity: 20~90% RH (non-condensing)
- ◆ Power Supply: AC/DC 100~240V; DC 22~60V
- ◆ Power Consumption: 10VA (all functions output)
- ◆ Surge Test: 1KVac / 1min (Input / Power)
3KVac / 1min (Terminals / Case)
- ◆ Insulation Resistance: >100M Ω with 500Vdc
- ◆ Input Impedence: Voltage: >2V for 20K Ω / V; $\leq$ 2V for >200M Ω
Current: $\geq$ 0.2A at 100mV; <0.2A at 1V
- ◆ Safety: IEC 61000-4-2

WIRING CONNECTION

- $3\phi 3W$:



- 3 ϕ 4W:



ORDER INFORMATION

GRVA- [Code1] [Code2] [Code3] - [Code4] - [Code5] [Code6] [Code7] [Code8]

Code 1	Connection	Code 2	Input Volt	Code 3	Input Amp	Code 4	Aux. Power	Code 5	Alarm Output	Code 6	Phase Sequence Output	Code 7	Phase Failure Output	Code 8	RS-485
1	3 ϕ Voltage	N	None	N	None	A	AC/DC 100~240V	N	None	N	None	N	None	N	None
2	3 ϕ Current	1	0~150V	1	0~5A	B	DC 22~60V	R1	1 Relay	Y	Yes	Y	Yes	Y	Yes
3	3 ϕ Voltage & Current	2	0~300V	0	Option			R2	2 Relays						
		3	0~600V												
		0	Option												