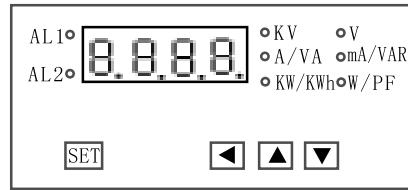


DW8 Series Single-phase Coulometer

1、Panel



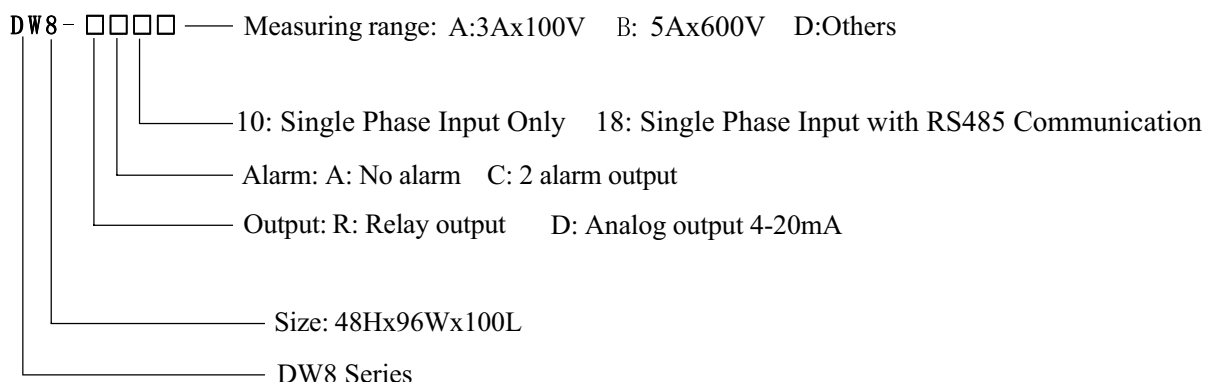
NO	Panel	Specifications
1	LED	Measuring value/parameter code display
2	AL1	Alarm 1# indicator lamp
3	AL2	Alarm 2# indicator lamp
4	KV/V	Voltage indicator lamp
5	A/VA	Current A indicator lamp (on) / apparent power (lamp flashes)
6	mA/VAR	Current mA indicator lamp (on) / reactive power (lamp flashes)
7	KW/KWh	Active power KW indicator lamp (on) / KWh (lamp flashes)
8	W/PF	Active power W indicator lamp (on) / power factor (lamp flashes)
9	SET	Parameter select/set key
10	◀	Shift key
11	▼	Decrease key
12	▲	Increase key

- Note: 1) When the measured power is bigger than 1000W, the unit is KW. Otherwise, the unit is W.
 2) When KW/KWh lamp or W/PF lamp is on, A/VA lamp flashes, the meter is measuring Apparent power.
 3) When KW/KWh lamp or W/PF lamp is on, mA/VAR lamp flashes, the meter is measuring Reactive power. Because the meter needs the KW/KWh lamp and W/PF lamp to show the unit is KW or W, for example, if KW/KWh lamp is on, mA/VAR lamp flashes, and the value displayed on the meter is 1.200, the meter is measuring reactive power and its value is 1.200 KVAR. If the value is the same, mA/VAR lamp flashes, but the W/PF lamp is on, the meter is also measuring reactive power but the value is 1.200 VAR.

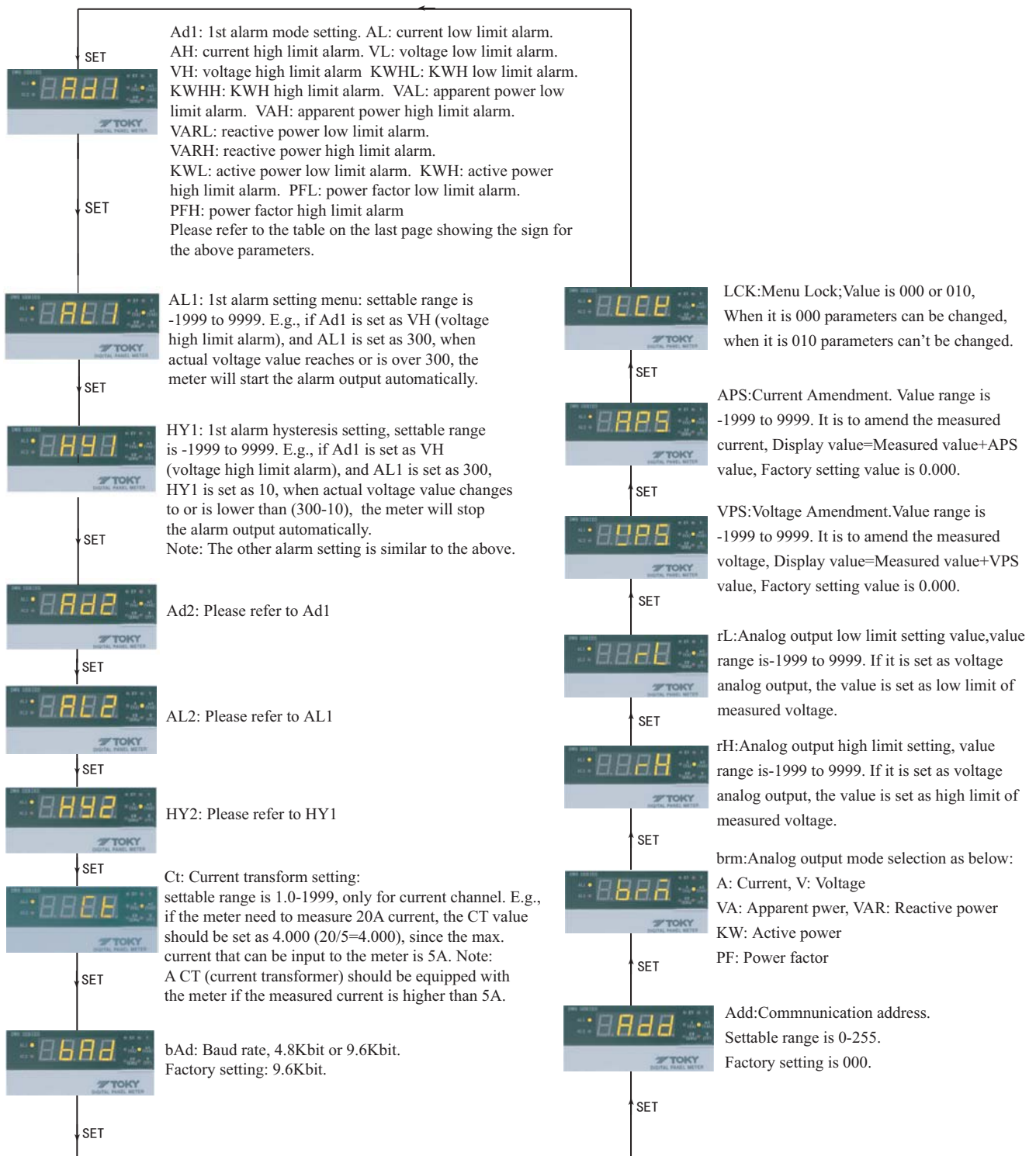
2、Parameters

- The instrument can measure voltage, current, power factor, active power, reactive power, apparent power and energy consumption.
- All parameters are true value (TRMS), input signal can be all kinds of wave. Frequency can reach 2.5KHz
- Sampling rate: 8KHz/S, refresh 2 times/S
- Accuracy: For Voltage/Current, +/-0.5%FS+/-2 digit
- 2 relay alarm output free setting, capacity AC 250V/3A or DC 30V/3A.
- DC 4-20mA analog output, accuracy: +/-0.5%FS.
- With RS485 communication (optional function).
- Power supply: 85-265V AC/DC, consumption less than 5VA

3、Ordering Code



4. Alarm Mode Setting

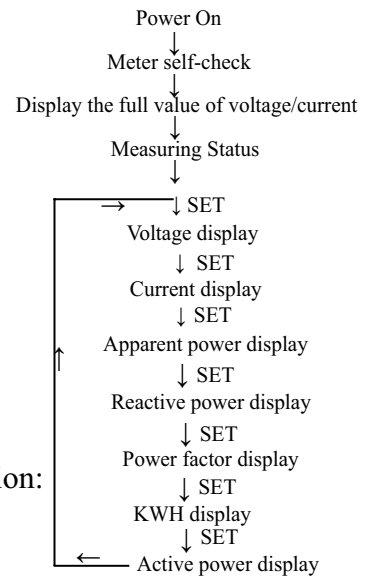


5. The instruction for the above menu operation and setting

1. Press SET key for 3 seconds, the meter will show the parameter setting menu.
2. Press SET key to show the next parameter, press ▲ key to show the value, and then press ◀ key to shift the digit, press ▼/▲ key to change the value and then press SET key to confirm. Hold ◀ key and press ▲ key to shift the decimal point. Press SET key to show the next parameter
3. In the setting status, press SET key more than 3 seconds, it returns to measuring status.
4. KWH value reset method: When the meter is in KWH measuring status, press SET key +▲ key at the same time more than 3 seconds to reset the KWH value.。

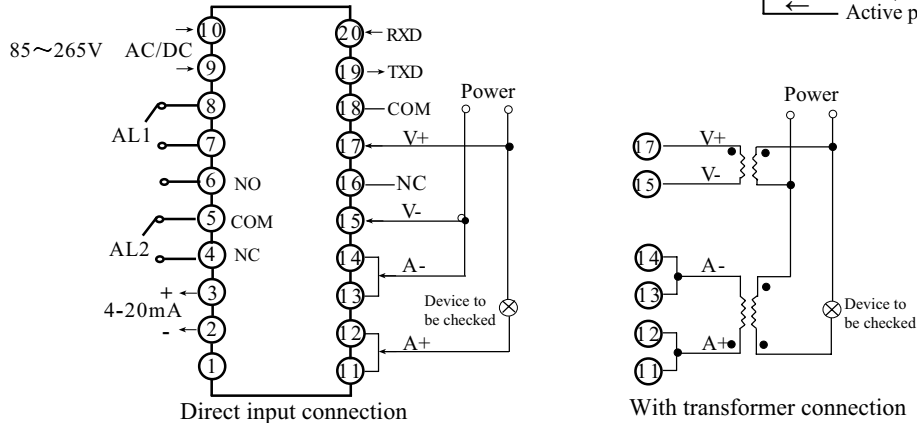
6. Main display parameters and the relative analogue output selection

NO	Display Parameters	Indication Lamp	High Alarm	Low Alarm
1	Current	A/mA On	AH	AL
2	Voltage	KV/V On	VH	VL
3	Power factor	W/PF Flash	PFH	PFAL
4	Reactive power	mA/VAR Flash, KW/WOn	VARH	VARL
5	Apparent power	A/VA Flash, KW/WOn	VAH	VAL
6	Active power	KW/W On	WH	WL
7	Energy consumption value	KW/KWh Flash	WHH	WHL



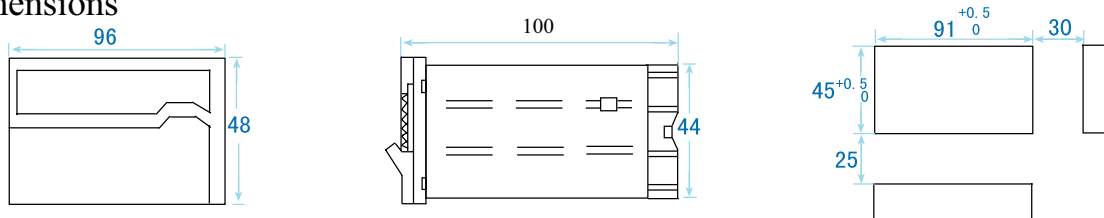
After power on, you can see the parameters as per the right instruction:

7. Connections



If any changes, please refer the connections shown on the products. There are 2 input current connectors, in case the current >3A, the 2 connectors should be both connected to share the current and avoid too hot caused.

8. Dimensions



9. Cautions:

- 1). The instrument should be power on for 15 minutes before using.
- 2). Temperature: 0-50C, humidity: <85%.
- 3). The alignment interval time is one year
- 4). Avoid using the instrument in an area surrounded by vibration or shock, dust, organic corrosive materials or gas.
- 5). Connect a filter to the wire in case of disturbance.
- 6). Input wire should not be too long. If measured signal and meter is long, please use a 2-core shielded cable, and connect its outersहितe to the LO side at a signal source.
- 7). If the instrument is not used for a long time, please connect power supply once every three months, each time not less than 4 hours.
- 8). Long time for storage, the instrument should be placed in shade with temperature between 0 to 50 C, and humidity less than 60%. Don't contact with organic solvents or gas.

10. Note:

If the instrument is with RS485, the communication protocol will be attached with the instrument.



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