Eastron

Single Phase Intelligent Current Voltage Frequency Meter

User Manual



E-Y01

1. Main Techinical Parameters

1.1 4 digits display, Range: 0.000-9999;

1.2 Accuracy : 0.5, 0.2 Class;

1.3 Overload capability: Continuous: 1.2 times,Instantaneous:
2time/5s for current, 2times/1s for voltage

1.4 Rated Current: AC Current 1A, 5A;
AC Voltage 100V, 220V, 380V, 600V;
DC Current 75mV, 20mA, 4-20mA;
DC Voltage 2V, 20V, 200V, 1000V.

1.5 Power Supply: AC 220V; AC 85~265&DC100-300V; AC380V;
DC 48V; DC24V;DC12V.

1.6 Power Consumption: ≤2VA;

1.7 Dielectric strength: 2kV/1min;

2.Setting

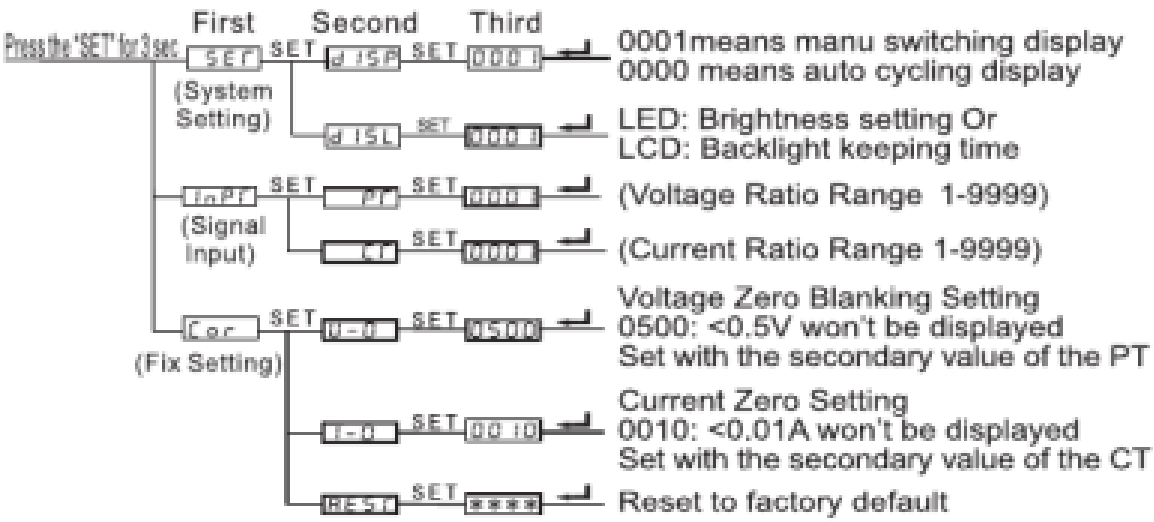
2.1 Keyboards:

" SET " : Programing or shift the bit to the right.

" ← " : Page UP or numeric increase

" → " : Page Down or numeric decrease

" ↵ " : Back to Last Menu interface and save the setting



Note: ● When typing the CT/PT value, "SET" button is used to shift the digit to the right.

AC Current CT Value:

CT=CT Primary Current/ Secondary Current

DC Current CT Value:

CT=Shunt Primary Current/5(Signal Input DC75mV)

CT=Displayed Value/1(Signal Input DC20mA/DC4-20mA)

AC Voltage PT Value:

PT=PT Primary Voltage/Secondary Voltage

DC Voltage PT Value: PT=Displayed Value/ Input Value

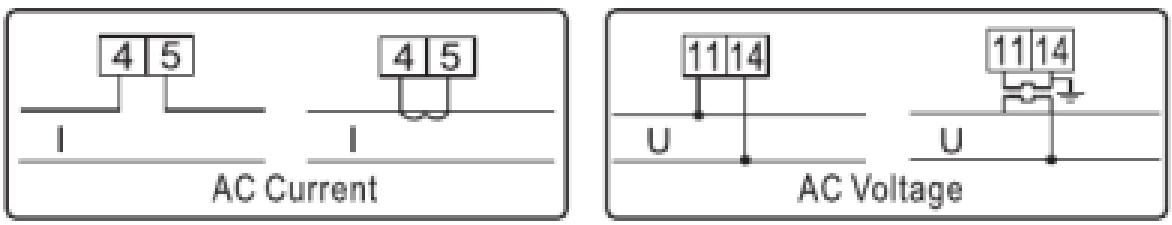
● Indicator:

"K" Kilo, the real value is 1000 times of the displayed value.

● Character Description

Character	Description	Parameter range and description
SET	Setting	
CT	Current Ratio	0001–9999
PT	Voltage Ratio	0001–9999

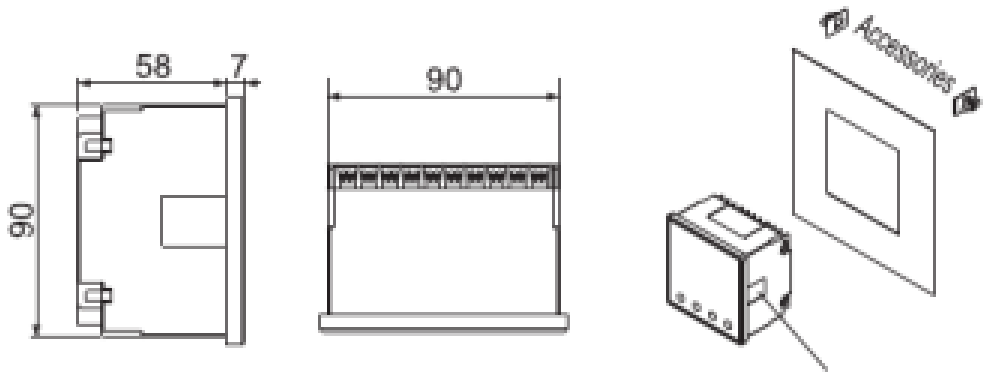
3. Wiring Diagram



Specific wiring mode and technical parameters should be based on actual product wiring diagram.

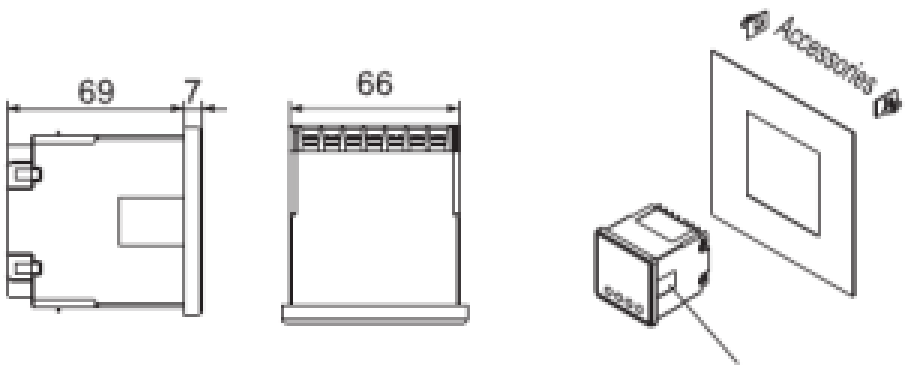
4. Outlook & Installation

4.1 Panel Size(mm): 96×96 Hole Size(mm): 91×91 Depth(mm): 58 (See Fig.1)



Accessories Location Fig.1

4.2 Panel Size(mm): 72×72 Hole Size(mm): 67×67 Depth(mm): 69 (See Fig.2)



Accessories Location Fig.2

5.Warning

5.1 Working temperature: -25~+55℃.

5.2 Please ensure the wiring is correct and the terminals are connected tightly before it's powered on.

5.3 Operated and calibrated with standard equipment by professionals only.

5.4 Please connect the cables to the terminal tightly to avoid any accident.

5.5 When the nominal current is higher than AC 5A, the device should work with extra CT(*/5A).