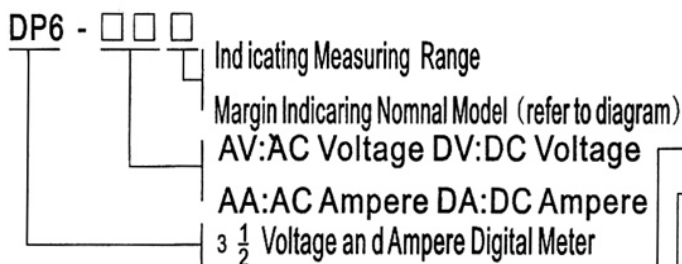


THREE AND ONE SECOND BIT OF DIGITAL VOLTMETER AND AMMETER DP6 MANUAL

I、Features:

- DIN Standard Board Dimension (36×72mm)
- Multiple Measuring Range Opaton and Easy to Operate
- 0.56 inch LED Digital Display,Bold Letter
- Dual Slope A/D Conversion,High Accuracy

II、Model and Code



1.Measuring Range of AC Voltmeter:

Direct Input:AC 600V,199.9V,19.99V,1.999V

(Inner range switching can be adjusted)

PT Input:(Made according to customer' s requirement)

2.Measuring Range of AC Ammeter.

AC CT In put:(X:5A)

10A,15A,20A,50A,100A,150A,
200A,500A,1000A,1500A,2000A

(Inner range switching can be adjusted)

Direct Input:5A(2.000A,200.0mA)

(Made according to customer' s requirement)

3.Measuring Range of DC Voltmeter

Direct Input:DC600V,199.9V,19.99V,1.999V

(Made according to customer' s requirement)

4.Measuring Range of DC Ammeter:

DC Divider Input: (X: 75mV)

5.0A,10A,15A,50A,50A,100A,150A,
200A,500A,1000A,1500A,2000A

(Inner range switching can be adjusted)

Direct Input:(Made according to customer' s requirement)

DP6-AA The Option of Measuring Range of AC Ammeter					
FACTORY SET 5.00A			1 2 3 4 5 6 7		
Model:AA (UNIT:A)			ON OFF		
ON	OFF	MEAS URIGIN RANGE	ON	OFF	MEAS URIGIN RANGE
1. 7	2. 3. 4. 5. 6	0-5.00	3. 5	1. 2. 4. 6. 7	0-150.00
1. 6	2. 3. 4. 5. 7	0-10.00	3. 4	1. 2. 5. 6. 7	0-200.0
1. 5	2. 3. 4. 6. 7	0-15.00	7	1. 2. 3. 4. 5. 6	0-50.0
1. 4	2. 3. 5. 6. 7	0-20.00	6	1. 2. 3. 4. 5. 7	0-1000
3. 7	1. 2. 4. 5. 6	0-50.0	5	1. 2. 3. 4. 6. 7	0-1500
3. 6	1. 2. 4. 5. 7	0-100.0	4	1. 2. 3. 5. 6. 7	0-2000

(Input AC CT:X:5A)

DP6-AV The Option of Measuring Range of AC Voltmeter		
FACTORY SET 600V		
(UNIT: V)		
1 2 3 4 5 6 7		
ON OFF		
ON	OFF	MEAS URIGIN RANGE
2. 7	1. 3. 4. 5. 6	0~1.999
1. 6	2. 3. 4. 5. 7	0~19.99
3. 5	1. 2. 4. 6. 7	0~199.9
4	1. 2. 3. 5. 6. 7	0~600

DP6-DA The Option of Measuring Range of AC Ammeter					
FACTORY SET 2000A			1 2 3 4 5 6 7		
Model:DA (UNIT:A)			ON OFF		
ON	OFF	MEAS URIGIN RANGE	ON	OFF	MEAS URIGIN RANGE
1. 7	2. 3. 4. 5. 6	0-5.00	3. 5	1. 2. 4. 6. 7	0-150.00
1. 6	2. 3. 4. 5. 7	0-10.00	3. 4	1. 2. 5. 6. 7	0-200.0
1. 5	2. 3. 4. 6. 7	0-15.00	7	1. 2. 3. 4. 5. 6	0-50.0
1. 4	2. 3. 5. 6. 7	0-20.00	6	1. 2. 3. 4. 5. 7	0-1000
3. 7	1. 2. 4. 5. 6	0-50.0	5	1. 2. 3. 4. 6. 7	0-1500
3. 6	1. 2. 4. 5. 7	0-100.0	4	1. 2. 3. 5. 6. 7	0-2000

(Ali dvider is X : 75mV)

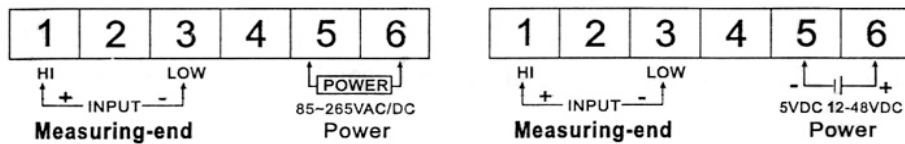
Rang in diagra mas 2000A means the divider used is 2000A: 75mV,follo wing same as it

*The range is set by factory and can be changed by switching according to requiemnt

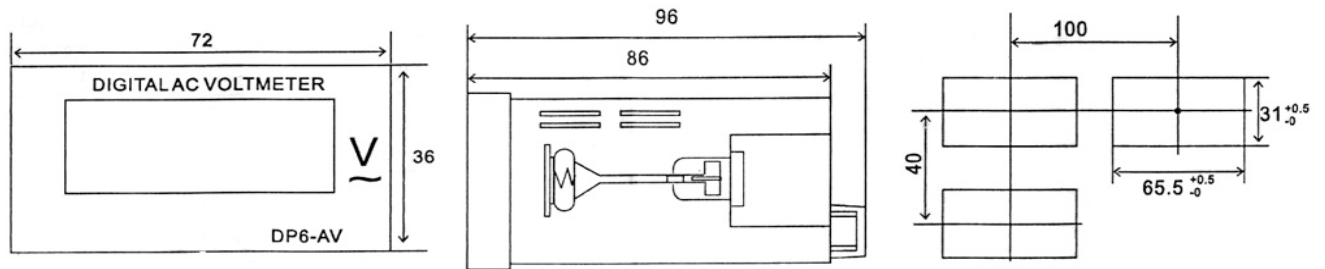
III、 Technical Parameter

Max Display	1999 (AC Display Available Digit)
Input Mode	Single-end Input(input less than 700V in case of AC Voltmeter)
A/D Conversion	Dual Slope
Sampling time	2.5 Times/Sec.
Frequency Range	40-200Hz(Only AC)
Over Input Indication	"1" or "-1"
Polarity Display	Only Display "-" (Only DC)
Display	Red LED
Power Supply	85V~265VAC/DC
Power Consumption	≤4.5VA
Accuracy	0.5%FS±1
Dielectricity Strength	AC1500V 1Min(Between Power-end and Outside-end)

IV、 Connection Diagram



V、 Appearance and Dimension



VI、 Cautions

1. Avoid vibration and impulsion, use in an area not surrounded by dust, chemical material
2. Take dual-core shielded cable as input signal cable, connect shielded layer with lower-end. If input signal companied with disturbance, you should add the filter in the cable.
3. Use in ambient that the temperature between 0~50°C and humitidy less than 85% to avoid passive phenomenon.