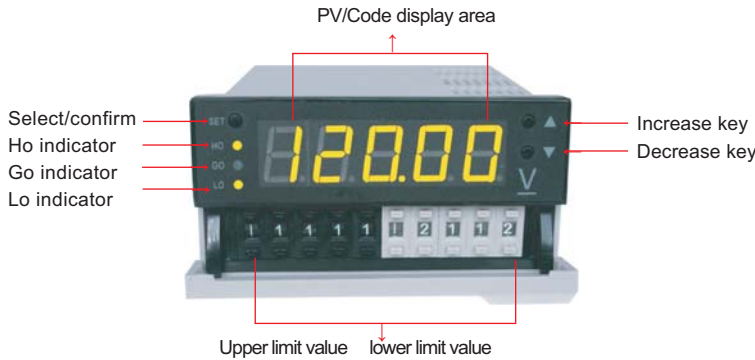


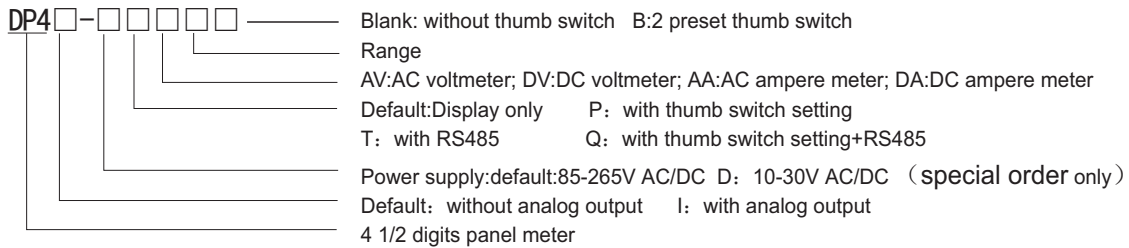
# DP4 SERIES DIGITAL VOLTAGE/AMPERE METER



## FEATURES

- ⊙ Range and current input ratio set freely
- ⊙ Optional Ho/Go/Lo relay alarm outputs
- ⊙ Data holding for power fail
- ⊙ Optional isolated analog output (DC 4~20mA)
- ⊙ Sampling rate 2.5 times/s
- ⊙ Optional RS485 interface

## CODE ILLUSTRATION



## ORDERING CODE

### ◆ AC voltmeter

Model	Range	Resolution	PT	Accuracy
DP4 (I) -□AV20(A/B)	20.000V	1mV	Direct input	±0.2%F.S±3 Digits
DP4 (I) -□AV200(A/B)	200.00V	10mV	Direct input	±0.2%F.S±3 Digits
DP4 (I) -□AV600(A/B)	600.0V	100mV	Direct input	±0.3%F.S±3 Digits
DP4 (I) -□AV3K(A/B)	3.000KV	1V	3KV/100V	±0.3%F.S±3 Digits
DP4 (I) -□AV10K(A/B)	10.000KV	1V	10KV/100V	±0.2%F.S±3 Digits

Note: (I) means the analog output is optional.Eg.DP4-AV20 is not available with analog output or RS485.

### ◆ AC ampere meter

Model	Range	Resolution	CT	Accuracy
DP4 (I) -□AA0.2(A/B)	200.00mA	10uA	Direct input	±0.2%F.S±3 Digits
DP4 (I) -□AA2(A/B)	2.0000A	100uA	Direct input	±0.2%F.S±3 Digits
DP4 (I) -□AA□(A/B)	Range 5A above can be set freely.	refer to the range	*:5A	±0.3%F.S±3 Digits

### ◆ DC voltmeter

Model	Range	Resolution	Accuracy
DP4 Ⓟ -□DV0.2(A/B)	200.00mV	10uV	±0.1%F.S±3 Digits
DP4 Ⓟ -□DV2(A/B)	2.0000V	100uV	±0.1%F.S±3 Digits
DP4 Ⓟ -□DV20(A/B)	20.000V	1mV	±0.1%F.S±3 Digits
DP4 Ⓟ -□DV200(A/B)	200.00V	10mV	±0.1%F.S±3 Digits
DP4 Ⓟ -□DV500(A/B)	500.0V	100mV	±0.3%F.S±3 Digits

### ◆ DC ampere meter

Model	Range	Resolution	Splitter	Accuracy
DP4 Ⓟ -□DA0.002(A/B)	2.0000mA	1uA	Direct input	±0.1%F.S±3 Digits
DP4 Ⓟ -□DA0.02(A/B)	20.000mA	10uA	Direct input	±0.1%F.S±3 Digits
DP4 Ⓟ -□DA0.2(A/B)	200.00mA	100uA	Direct input	±0.1%F.S±3 Digits
DP4 Ⓟ -□DA2(A/B)	2.0000A	1mA	Direct input	±0.1%F.S±3 Digits
DP4 Ⓟ -□DA20(A/B)	Range 2A above can be set freely	refer to range	:75mV	±0.3%F.S±3 Digits

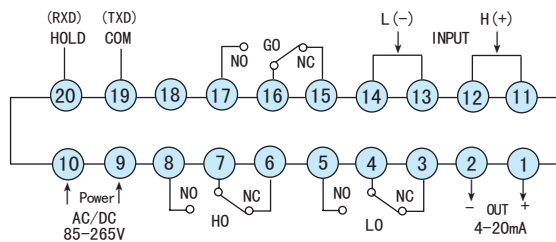
Note:

- (1) All accuracies above are obtained under 20±2°C,45-75%RH.
- (2) All CTs,PTs & splitters above are basic models,while units with other ranges can also be provided as specified.  
For example,CT with primary current 10A,15A,30A,75A,250A,1500A;DC splitter with primary current 10A,15A,75A,300A,1500A;PT with primary voltage 1KV,6KV,11KV,35KV,10KV.
- (3) CT with secondary current 5A,PT with secondary voltage 100V,DC splitter with secondary voltage 75mV are acceptable as default.  
Specail requirements to be specified in advance.

## TECHNICAL SPECIFICATION

Measurement		Alarm output	
Measurement mode	Dual A/D conversion		
Input	Single termianl input	Setting	Upper limit value;lower limit value<+19999~-19999>
Decimal point	Change as the range	Conditions	①Ho output:PV>upper limit value
Noise suppression	≥NMR 40dB(50Hz/60Hz)		②Go output:upper limit value>PV>lower limit value
Overflow indication	"0000"flash	Output	Relay output
Polarity	Display“-”for negative signals(DC meter only)	Relay load	AC 250V/3A
			DC 30V/3A
Ambient condition	0~50°C <85% RH	Signal frequency	50Hz/60Hz
Power supply	AC/DC 85-265V(50/60Hz)		
Energy consumption	about 3.5AV		
Weight	about 500g		
Insulation impedance	≥50MΩ		
Dielectrical strenth	AC 1500V/1min		
Dimension	48H*96W*100L (mm)		

## CONNECTION



Note:all connections are subject to the diagram on the meter for change if any.

## DIMENSION

