

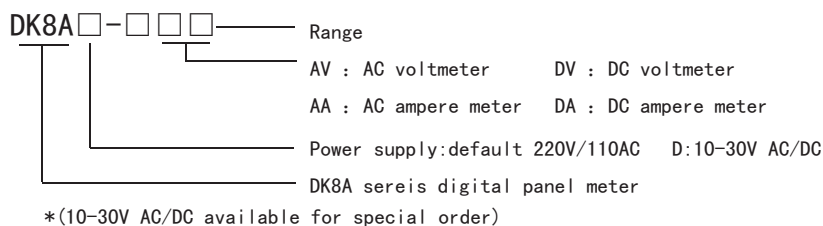
# DK8A DIGITAL PANLE METER



## FEATURES:

- ⊙ Sampling rate: 2.5 times/s
- ⊙ Dimension (mm): 48H\*96W\*50L
- ⊙ Display range: ±1999
- ⊙ With external zero point and span adjustor

## CODE ILLUSTRATION



## ORDERING CODE

### ◆ AC voltmeter

Model	Range	Resolution	Input	Accuracy
DK8A-AV0.2	199.9mV	100uV	Direct input	±0.5%F.S±2 Digits
DK8A-AV2	1.999V	1mV	Direct input	±0.5%F.S±2 Digits
DK8A-AV20	19.99V	10mV	Direct input	±0.5%F.S±2 Digits
DK8A-AV200	199.9V	100mV	Direct input	±0.5%F.S±2 Digits
DK8A-AV600	600V	1V	Direct input	±1%F.S±2 Digits

### ◆ AC ampere meter

Model	Range	Resolution	CT	Accuracy
DK8A-AA0.002	1.999mA	1uA	Direct input	±0.5%F.S±2 Digits
DK8A-AA0.02	19.99mA	10uA	Direct input	±0.5%F.S±2 Digits
DK8A-AA0.2	199.9mA	100uA	Direct input	±0.5%F.S±2 Digits
DK8A-AA2	1.999A	1mA	Direct input	±0.5%F.S±2 Digits
DK8A-AA5	5.00A	10mA	Direct input	±1.0%F.S±2 Digits
DK8A-AA20	19.99A	10mA	20A: 5A	±0.5%F.S±2 Digits
DK8A-AA30	30.0A	100mA	30A: 5A	±1.0%F.S±2 Digits
DK8A-AA50	50.0A	100mA	50A: 5A	±1.0%F.S±2 Digits
DK8A-AA100	100.0A	100mA	100A: 5A	±0.5%F.S±2 Digits
DK8A-AA150	150.0A	100mA	150A: 5A	±0.5%F.S±2 Digits
DK8A-AA200	199.9A	100mA	200A: 5A	±0.5%F.S±2 Digits
DK8A-AA300	300A	1A	300A: 5A	±1.0%F.S±2 Digits
DK8A-AA500	500A	1A	500A: 5A	±1.0%F.S±2 Digits
DK8A-AA1000	1000A	1A	1000A: 5A	±0.5%F.S±2 Digits
DK8A-AA1500	1500A	1A	1500A: 5A	±0.5%F.S±2 Digits
DK8A-AA2000	2000A	1A	2000A: 5A	±0.5%F.S±2 Digits

### ◆ DC voltmeter

Model	Range	Resolution	Accuracy
DK8A-DV0.2	199.9mV	100uV	±0.5%F.S±2 Digits
DK8A-DV2	1.999V	1mV	±0.5%F.S±2 Digits
DK8A-DV20	19.99V	10mV	±0.5%F.S±2 Digits
DK8A-DV200	199.9V	100mV	±0.5%F.S±2 Digits
DK8A-DV500	500V	1V	±1%F.S±2 Digits

◆DC ampere meter

Model	Range	Resolution	Splitter	Accuracy
DK8A-DA0.002	1.999mA	1uA	Direct input	$\pm 0.5\%F.S \pm 2Digit$
DK8A-DA0.02	19.99mA	10uA	Direct input	$\pm 0.5\%F.S \pm 2Digit$
DK8A-DA0.2	199.9mA	100uA	Direct input	$\pm 0.5\%F.S \pm 2Digit$
DK8A-DA2	1.999A	1mA	Direct input	$\pm 0.5\%F.S \pm 2Digit$
DK8A-DA20	19.99A	10mA	20A:75mV	$\pm 0.5\%F.S \pm 2Digit$
DK8A-DA30	30.0A	100mA	30A:75mV	$\pm 1.0\%F.S \pm 2Digit$
DK8A-DA50	50.0A	100mA	50A:75mV	$\pm 1.0\%F.S \pm 2Digit$
DK8A-DA100	100.0A	100mA	100A:75mV	$\pm 0.5\%F.S \pm 2Digit$
DK8A-DA150	150.0A	100mA	150A:75mV	$\pm 0.5\%F.S \pm 2Digit$
DK8A-DA200	199.9A	100mA	200A:75mV	$\pm 0.5\%F.S \pm 2Digit$
DK8A-DA300	300A	1A	300A:75mV	$\pm 1.0\%F.S \pm 2Digit$
DK8A-DA500	500A	1A	500A:75mV	$\pm 1.0\%F.S \pm 2Digit$
DK8A-DA1000	1000A	1A	1000A:75mV	$\pm 0.5\%F.S \pm 2Digit$
DK8A-DA1500	1500A	1A	1500A:75mV	$\pm 0.5\%F.S \pm 2Digit$
DK8A-DA2000	2000A	1A	2000A:75mV	$\pm 0.5\%F.S \pm 2Digit$

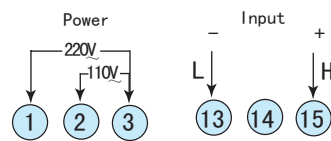
Note:

- (1) All accuracies above are obtained under  $20 \pm 2^{\circ}C$ , 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

Max. display	1999 (average value for AC signal)
Input	Single-terminal input
Measurement mode	Dual A/D conversion
Frequency range	40~200Hz (for AC only)
Overflow indication	"1" or "-1"
Polarity	Display "-" (for DC only)
Display	Red LED (14.2mmH)
Power supply	AC 110/220V $\pm 10\%$ , 50/60Hz
Energy consumption	$\leq 4.5VA$
Dielectrical strenth	AC 1500V/1min
Insulation impedance	DC 500V $\geq 100M\Omega$
Weight	500g

## CONNECTION



DK8A AC/DC voltmeter/ampere meter

## DIMENSION

