MYPIN

DK serie Voltage/Ampere Meter User Manual

Thanks a lot for selecting the product!

Before operating this instrument, please carefully read this manual and fully understand its contents. If have problems, please contact our sales or distributors whom you buy from. This manual is subject to change without prior notice.

■ Warning

Please do not turn on the power supply until all of the wiring is completed. Otherwise electrical shock, fire or malfunction may result.

Do not wire when the power is on. Do not turn on the power supply when cleaning this instrument. Do not disassemble, repair or modify the instrument. This may cause electrical shock, fire or malfunction

Use this instrument in the scope of its specifications. Otherwise fire or malfunction may result.

∧ Caution

This instrument should be installed in a domestic environment. Otherwise electrical shock, fire or malfunction may result. The operating temperature environment should between 0 (32F) to 50 (122F).

To avoid using this instrument in environment full of dust or caustic gas.

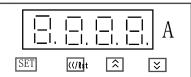
To avoid using this instrument in environment of strong shock or concussion.

To avoid using this instrument in environment of overflow water or explosive oil.

It takes 5s to start output when power on, please take care of it when for control.

Panel

Ampmeter



Voltmeter



SET Select/Confirm key

((/fit Shift/Clear /Reset key

↑ Up key

■ Down key

■ Model

DK8-DXA, Ampmeter,

Input:+/-75mV.

Votage: 80-260V AC/DC

Size: 96*48*80mm

Holing: 91+0.5 * 45+0.5

DK8-DV. Voltmeter.

Input:DC 0-500V,

Votage: 80-260V AC/DC

Size: 96*48*80mm

Holing: 91+0.5 * 45+0.5

■ Specification

| | Power supply | 80-260V AC/DC AC 50/60Hz |
|--|---------------|--|
| | Power comsup | . ≤ 5VA |
| | Accuracy | 0.3% F.S \pm 2digit |
| | Sampling | ≤ 4times/sec. |
| | Alarm | Relay: NO AC 250V/3A or DC 30V/3A cos =1 |
| | Input | Any within range of AC 0-5A,0-600V, |
| | | indicate when ordering |
| | Analog | 0-10V or 4-20mA, free set for control output range by software |
| | Communication | RS232 or RS485 Modbus RTU |

■ Parameter Setting

1:Alarm setting: In the displaying estate, press and hold **SET** key for more than 3 seconds, enter alarm mode parameters setting menu. Press <</RST key, LED flashes, press **UP / DOWN** key to modify, and then press **SET** key to confirm. Press **SET** key to read the following parameters one by one.

2:The display value = CT * USP.

If it's voltmeter, CT=1.000, USP=Max measurable voltage vaule. eg. 0-300V voltage range, USP=300.

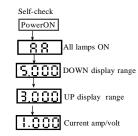
If it's ampmeter. USP is the shunt value.

eg.200A/75mV,USP=200.CT=1.000.

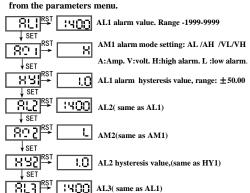
If the display is not correct, please adjust CT.

3: The instrument will return to the measuring estate without any operation for 25 seconds.

Operation Process



Press SET key for more than 3 seconds. can enter/quit from the parameters menu.



SET

RST

L AM3(same as AM1)

AL3hysteresis value,(same as HY1)

Offset value.

Displaying value = Measured value - PVF

Amp/Volt measurement setting.

A: ampmeter V:Voltmeter

Shunt/Volt DOWN display limit

Shunt/Volt UP display limit

SET

Decimal point setting: 0-3 stands for 0000,

Decimal point setting: 0
000.0, 00.00 and 0.000

Parameter lock password. LCK=000 means the parameter can be modified. LCK=010 is for read only. Press \wedge / \vee key for more than 3 seconds, can enter/quit from the second grade parameters setting

Bit rate setting. The factory setting is 9.6k bit/s.

| RST | QQQ | Communication address selection | RST | QQQ | RST | QQQ | 255

SET Range 1800-225

| Control | Cont

Yes=select

Yes=select

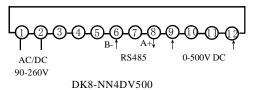
Yes=select

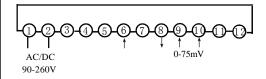
Yes=select

Yes=select

Password of calibration parameters for the factory or distributor only

■ Terminal Configurations





DA8-DXA