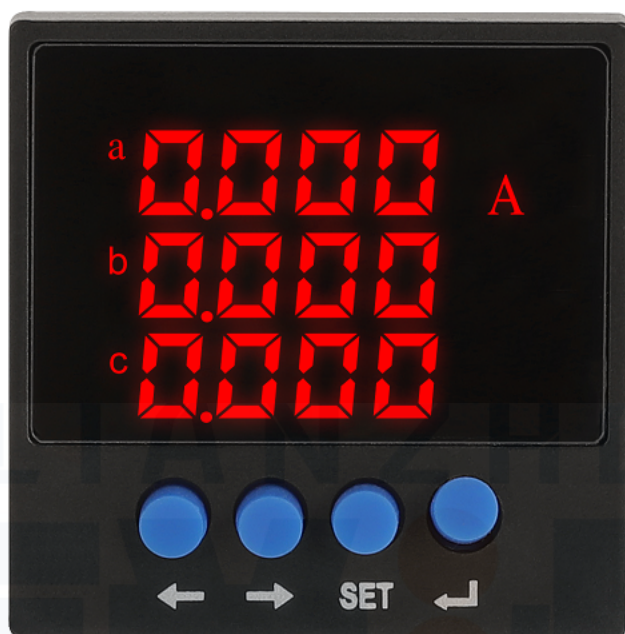


一、概述

AF80-AU3/R三相数显电压表是一种可编程智能仪表，采用大规模集成电路和亮度、长寿命更长的LED显示，应用数字采样技术，对三相电气线路中的相电压、线电压进行实时测量、显示和控制，并通过RS485接口或模拟量变送输出接口对被测量电压数据进行远传。



特点

- ◎真有效值测量、整四位LED/LCD显示
- ◎软件调校、内部无电位器(精度高、稳定性好、长期工作免调校)
- ◎可编程通过面板按键任意调节显示值1~9999

- ◎可选带通讯功能◎可选一路模拟量输出(DC4-20MA/0-20MA/0-5V)
 ◎可选带上下限报警控制功能◎可选两路开关量输入

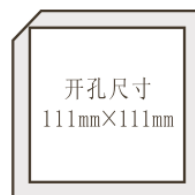
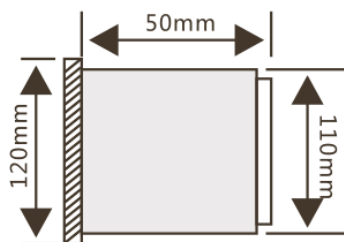
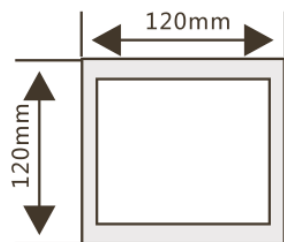
二、技术参数与选型

输入	输入	电压、电流:请根据实际仪表上面的标称值接入
	过载	持续1.2倍，瞬时:电压2倍/1S 电流10倍/5S
	扩展	配互感器或分流器扩展量程
	过量程显示	当前数据+N*9999
	频率	50Hz±10%
电源	电源	AC220V±10%(45~55Hz)(其它电源订货须说明)
	功耗	<2W
显示	LED	四位三排，显示数据更新时间: 1S
	显示	9999
精度等级		0.5%
隔离耐压		2KV/50Hz/1min
绝缘电阻		≥100MΩ
平均无故障工作时间		≥50000h
工作条件		环境温度: -25C 55C，相对湿度≤93%无腐蚀气体场所
海拔高度		≤2500m

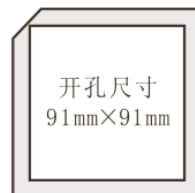
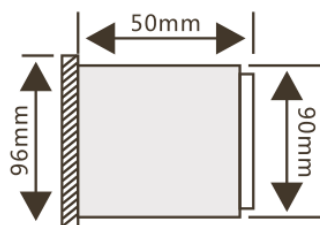
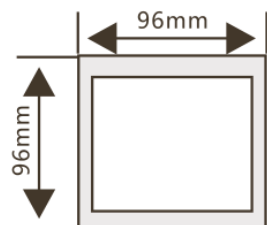
选型表

三、外形及安装尺寸

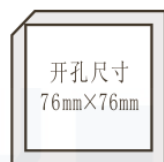
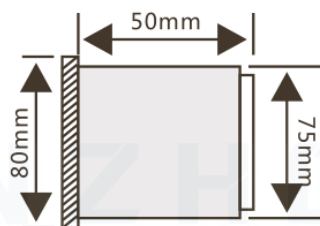
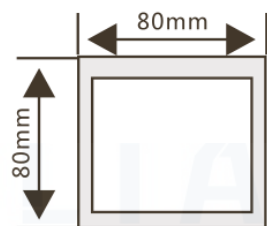
◆ 120mm×120mm



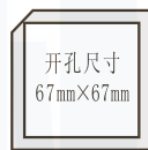
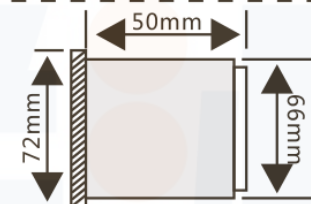
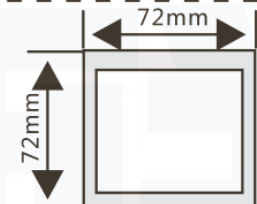
◆ 96mm×96mm



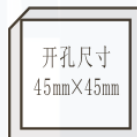
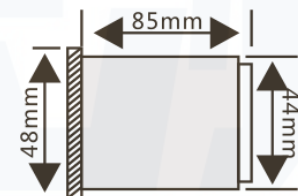
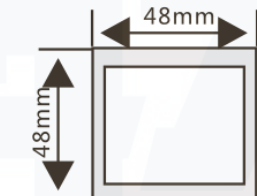
◆ 80mm×80mm



◆ 72mm×72mm

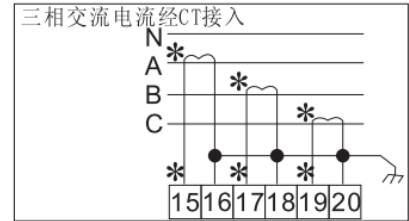
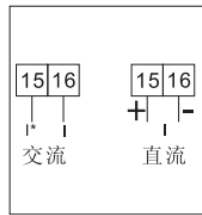
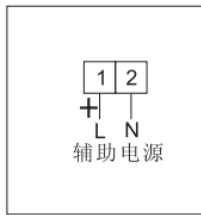


◆ 48mm×48mm

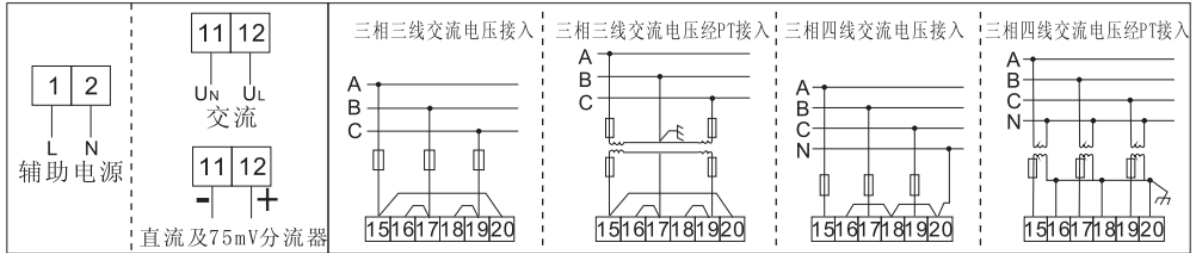


四、接线示意图

◆ 输入电流信号接线



◆ 输入电压信号接线



◆ 扩展功能接线.



五、参数设置流程示意图

Figure 1: Meter parameter setting menu flowchart. The diagram illustrates the sequence of menu options and their corresponding values across three levels (第一级, 第二级, 第三级).

Level 1 (First Level):

- Code (Menu)
- SER (Setting)
- InPr (Input)
- Conn (Communication)
- do-1 (Switching)
- Ao-1 (Analog)
- SAVE (Save)

Level 2 (Second Level):

- dISP (Display)
- bLEd (LED)
- CLrE (Clear)
- nEr (Error)
- UScL (Voltage Scale)
- IScL (Current Scale)
- F.U (Voltage Multiplier)
- F.I (Current Multiplier)
- Sn (Serial Number)
- bAUD (Baud Rate)
- dAtA (Data)
- Pr.oF (Protocol)
- Code (Menu)

Level 3 (Third Level):

- 0000, 0001, 0002 (Display)
- 0000, 0001, 0002 (LED)
- 0000, 0001, 0002 (Clear)
- 0000, 0001, 0002 (Error)
- 100, 400 (Voltage Scale)
- 1, 5 (Current Scale)
- 0001, 0002 (Voltage Multiplier)
- 0001, 0002 (Current Multiplier)
- 0001, 0002 (Serial Number)
- 4800, 9600 (Baud Rate)
- 08.1, 28.1, 08.1 (Data)
- Word, byte (Protocol)
- 0000, 0129, 0129, 0129 (Switching)
- 0000, 0129, 0129, 0129 (Analog)
- 0000, 0001, 0000, 0000 (Password)

Notes:

- (电量显示方式: 0-10)
- (此项无意义)
- (按 电能清零)
- (输入)
- (信号网络)
- (电压范围)
- (电流范围)
- (电压倍率范围: 1-9999)
- (电流倍率范围: 1-9999)
- (仪表通讯地址范围: 1-247)
- (波特率)
- (协议格式)
- (开关量)
- (模拟量)
- (密码)