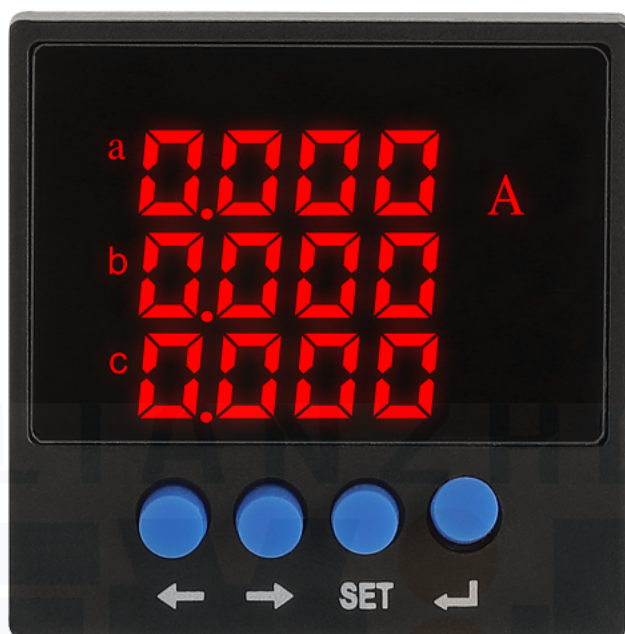


一、概述

AF72-AU3/M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

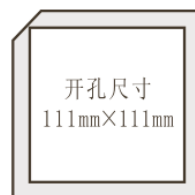
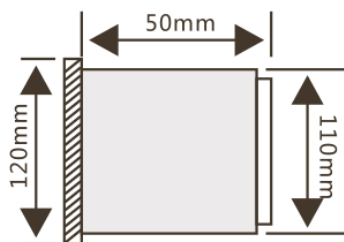
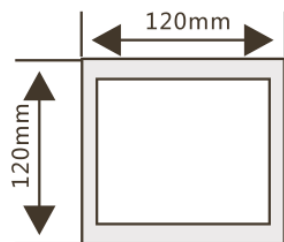
二、技术参数与选型

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

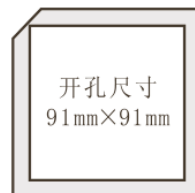
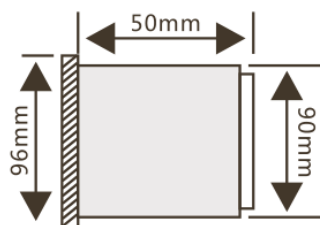
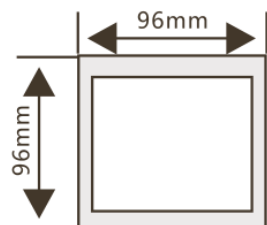
选型表

三、外形及安装尺寸

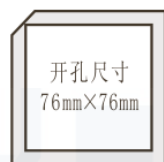
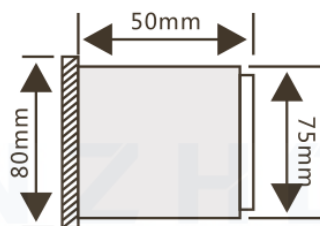
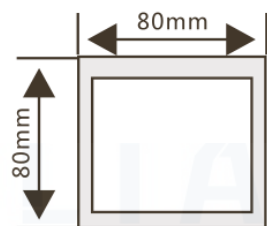
◆ 120mm×120mm



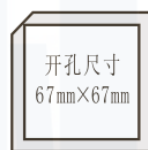
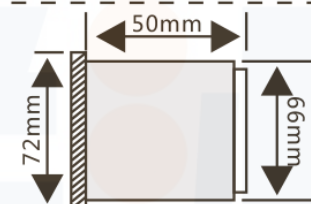
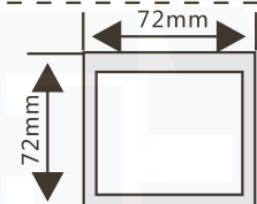
◆ 96mm×96mm



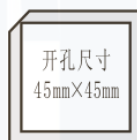
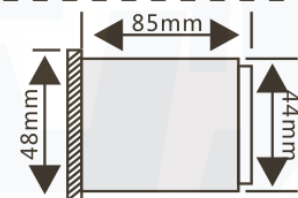
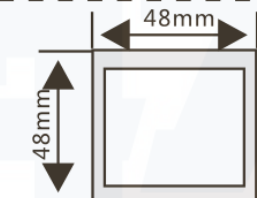
◆ 80mm×80mm



◆ 72mm×72mm

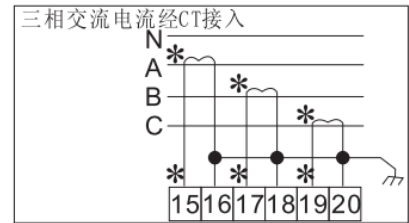
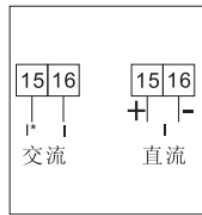
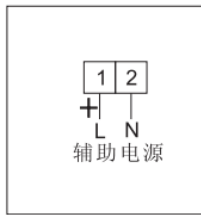


◆ 48mm×48mm

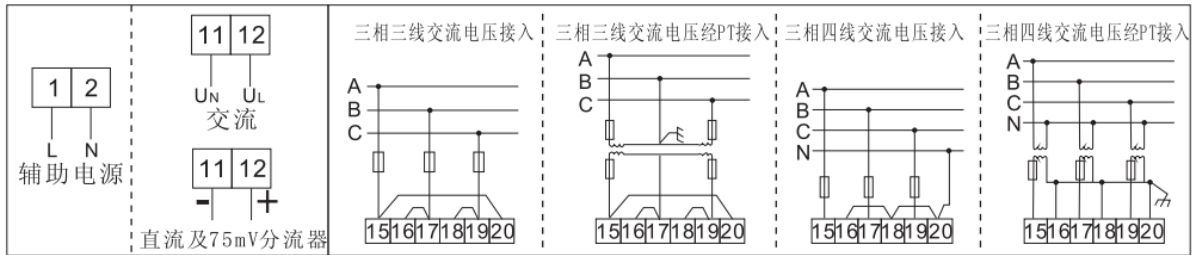


四、接线示意图

◆ 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 1-1 illustrates the setting menu flowchart, organized into levels (Menu, Code, Set, InPr, Conn, do-1, Ao-1) and corresponding settings.

Menu Flow:

- Menu** (Main Menu)
- Code** (Code Entry)
- Set** (Settings)
- InPr** (Input)
- Conn** (Communication)
- do-1** (Switch)
- Ao-1** (Analog)
- Code** (Code Entry)

Settings and Options:

- Set** (Settings):
 - dISP** (Display): 0000, 0001 (电量显示方式: 0-10)
 - bLEd** (Backlight): 0001, 0002 (此项无意义)
 - CLrE** (Clear): (按 $\leftarrow$ 电能清零)
- InPr** (Input):
 - nEr** (Network): 034, 033 (信号网络)
 - UScL** (Voltage Range): 100, 400 (电压范围)
 - IScL** (Current Range): 1, 5 (电流范围)
 - r. U** (Voltage Multiplier Range): 0001, 0002 (电压倍率范围: 1-9999)
 - r. I** (Current Multiplier Range): 0001, 0002 (电流倍率范围: 1-9999)
- Conn** (Communication):
 - Sn** (Address): 0001, 0002 (仪表通讯地址范围: 1-247)
 - bAUD** (Baud Rate): 4800, 9600 (波特率)
 - dAtA** (Data Format): 08.1, 28.1, 08.1 (协议格式)
 - Pr.oF** (Protocol): Word, byte (协议格式)
- do-1** (Switch): 0000, 0129, 0129, 0129 (另三路类似)
- Ao-1** (Analog): 0000, 0129, 0129, 0129 (另三路类似)
- Code** (Code Entry):
 - oLd** (Old): 0001
 - n-1** (New): 0000
 - n-2** (New): 0000 (密码范围0~9999)

Note: 退出菜单设定, 出现SAVG YES时, 按 $\rightarrow$ 键为保存退出, 按 $\leftarrow$ 退出无效。