

一、概述

KYNAU3-5X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

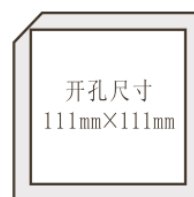
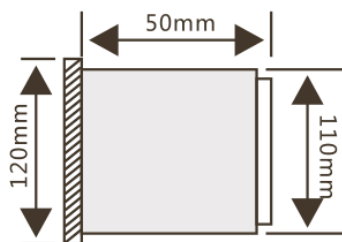
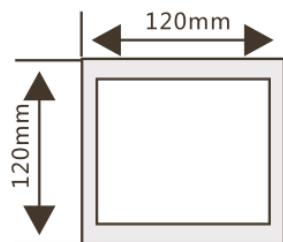
二、技术参数与选型

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

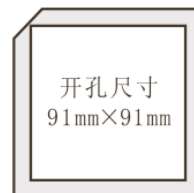
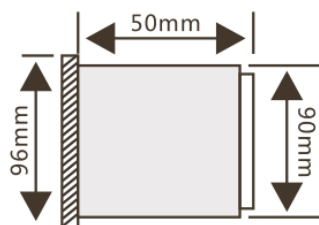
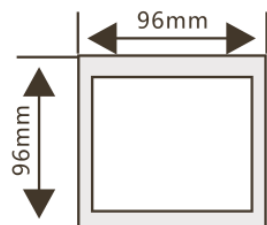
选型表

三、外形及安装尺寸

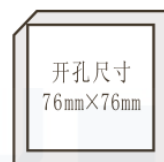
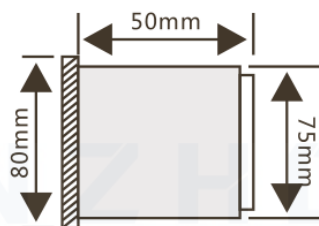
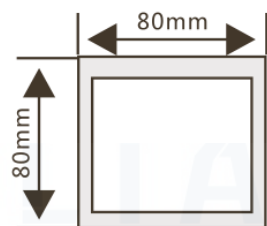
◆ 120mm×120mm



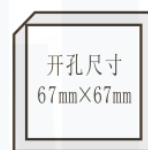
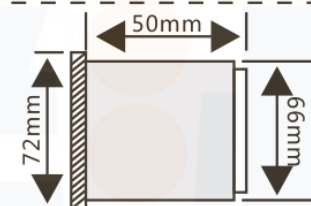
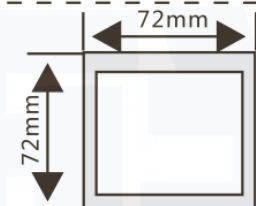
◆ 96mm×96mm



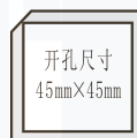
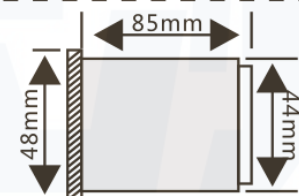
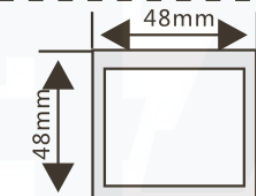
◆ 80mm×80mm



◆ 72mm×72mm

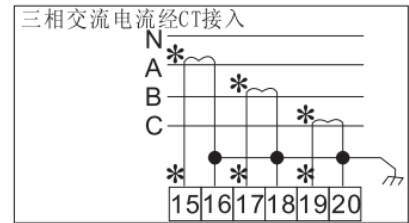
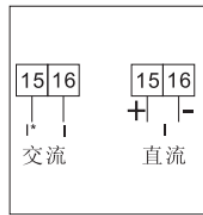
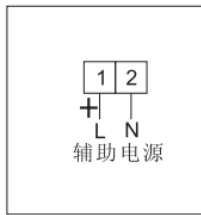


◆ 48mm×48mm

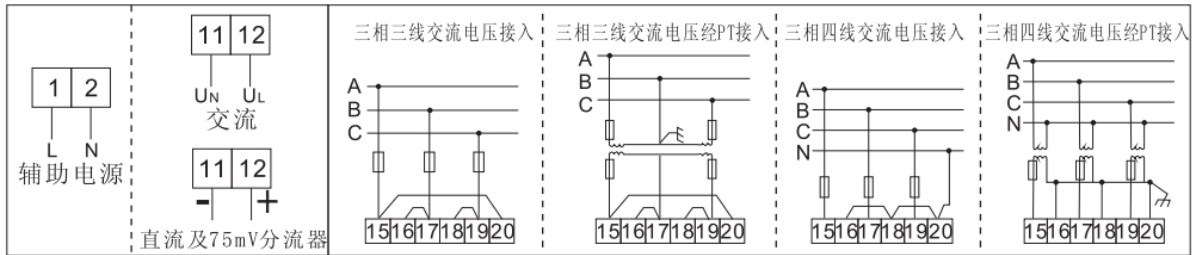


四、接线示意图

◆ 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: Setting menu flowchart. The diagram illustrates the navigation and settings for the device's configuration menu, organized into four levels (第一级 to 第四级).

- Level 1 (第一级):**
 - (设置) (Setting):** Code (9999), Code (0001), SER (0000), SER (0001), SER (0002). (电量显示方式: 0-10)
 - (输入) (Input):** InPr, nEr (734, 733), UScL (100, 400), IScL (1, 5), f.U (0001, 0002), f.I (0001, 0002).
 - (通讯) (Communication):** Conn, Sn (0001, 0002), bAUd (4800, 9600), dAtA (n8.1, 28.1), Prof (Word, byte).
 - (开关量) (Switching quantity):** do-1 (0000, 0129, 0129, 0129, 1100).
 - (模拟量) (Analog quantity):** Ao-1 (0000, 0129, 0129, 0129, 1100).
 - (密码) (Password):** Code (0000), Code (SAVE), Code (YES), Code (Code), Code (old), Code (n-1), Code (n-2).
- Level 2 (第二级):** SER, InPr, UScL, IScL, f.U, f.I, Conn, Sn, bAUd, dAtA, Prof, do-1, Ao-1, Code.
- Level 3 (第三级):** dISP, bLEd, CLrE, nEr, UScL, IScL, f.U, f.I, Sn, bAUd, dAtA, Prof, do-1, Ao-1, Code.
- Level 4 (第四级):** 9999, 0001, 0000, 0001, 0002, 734, 733, 100, 400, 1, 5, 0001, 0002, 0001, 0002, 4800, 9600, n8.1, 28.1, Word, byte, 0000, 0129, 0129, 0129, 1100, 0000, 0129, 0129, 0129, 1100, 0000, SAVE, YES, Code, old, n-1, n-2.

Additional notes and values from the diagram:

- (按 电能清零)
- (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)
- (协议格式)
- (另三路类似)
- (另三路类似)
- (密码范围0~9999)