

## 一、概述

SD72-AI3Z/K三相数显电流电压表是新一代可编程智能仪表，采用大规模集成电路和高亮度长寿命的LED显示器，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

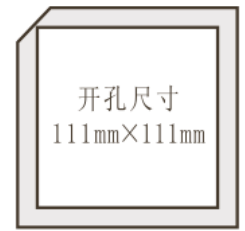
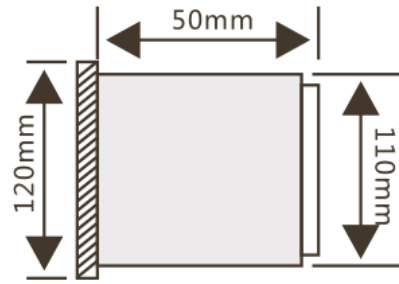
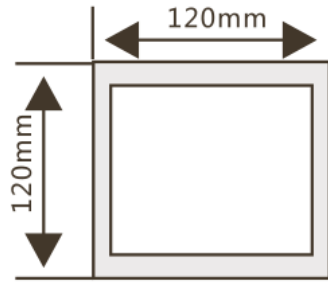
## 二、技术参数与选型

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

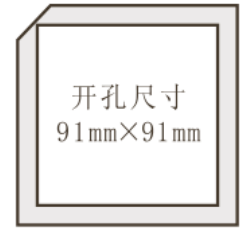
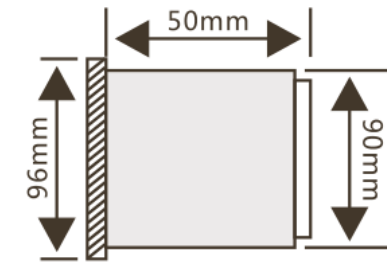
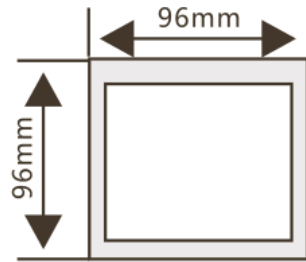
## 选型表

## 三、外形及安装尺寸

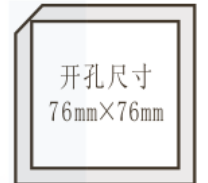
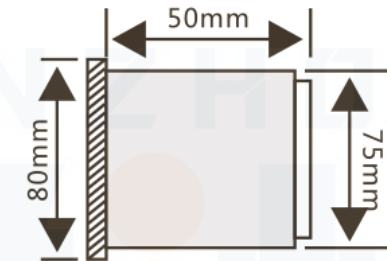
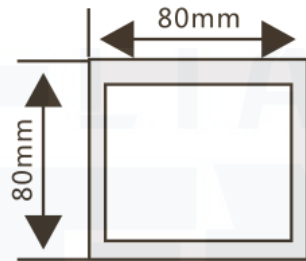
◆ 120mm×120mm



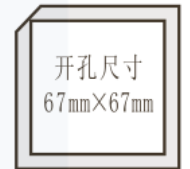
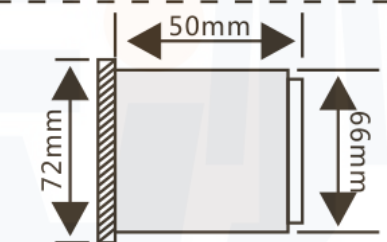
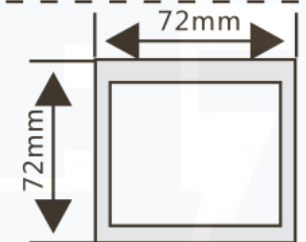
◆ 96mm×96mm



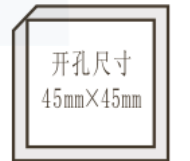
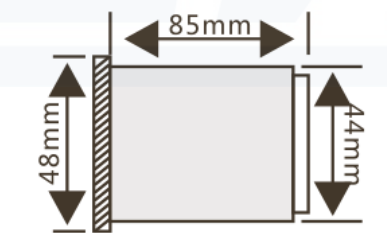
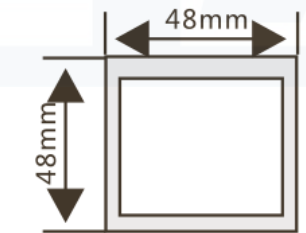
◆ 80mm×80mm



◆ 72mm×72mm

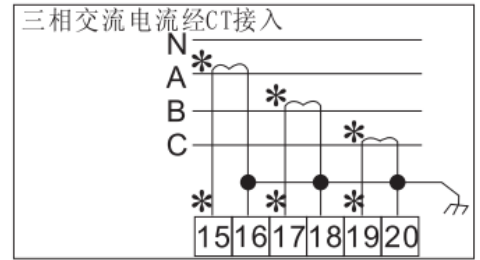
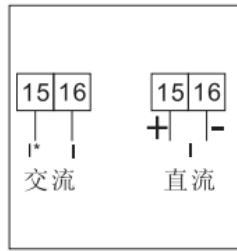


◆ 48mm×48mm

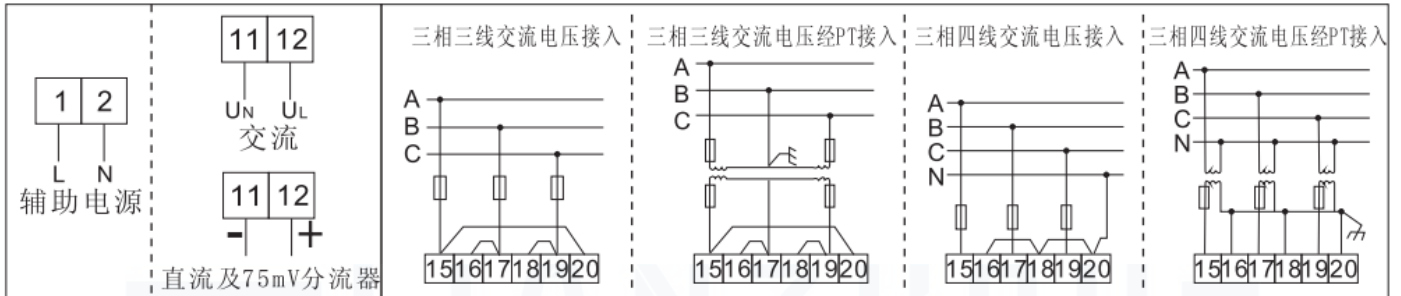


#### 四、接线示意图

◆ 输入电流信号接线



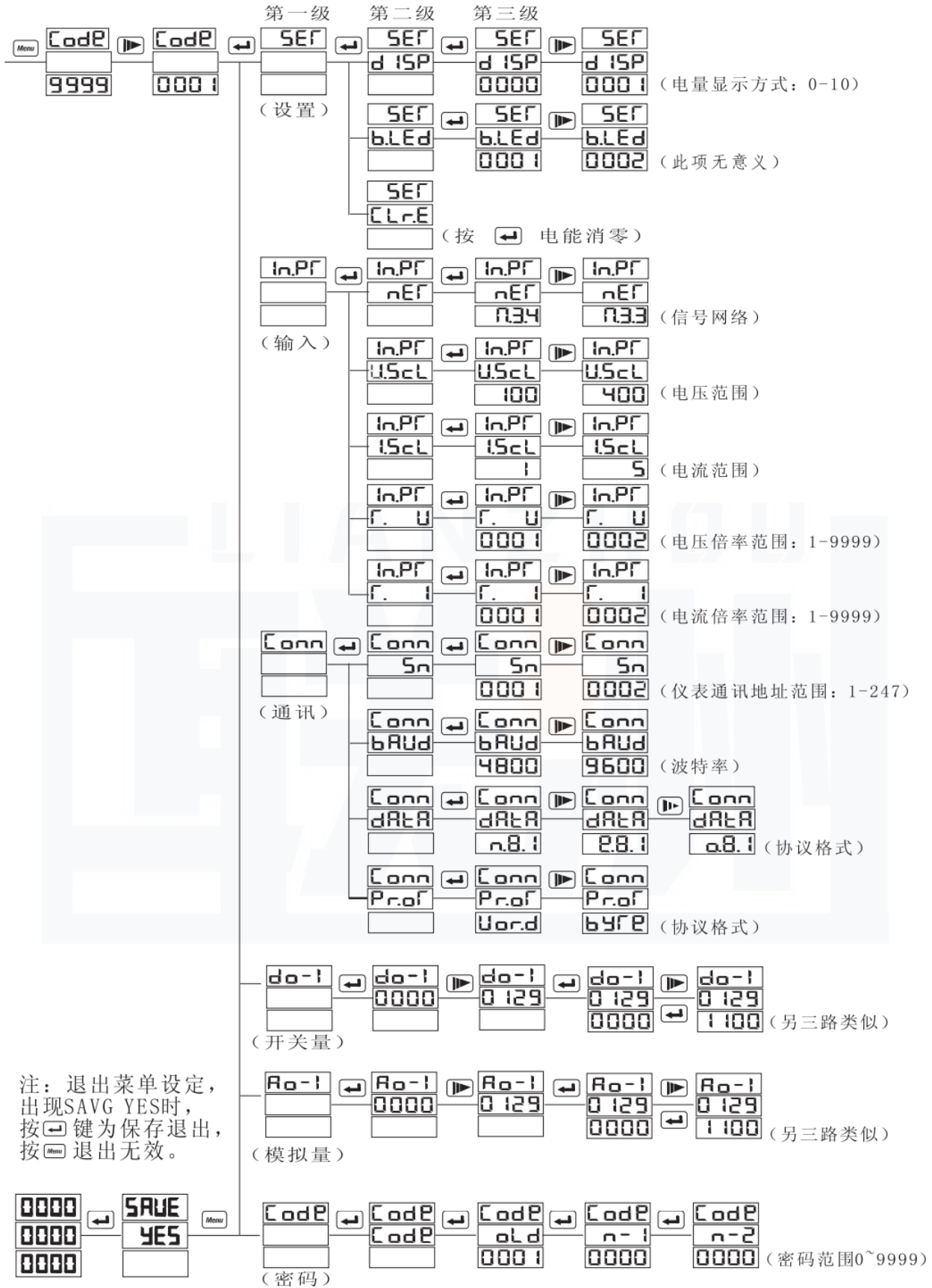
◆ 输入电压信号接线



◆ 扩展功能接线



五、参数设置流程示意图



注: 退出菜单设定, 出现SAVG YES时, 按 键为保存退出, 按 退出无效。