

一、概述

NZ194I-DX4三相数显电流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

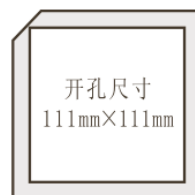
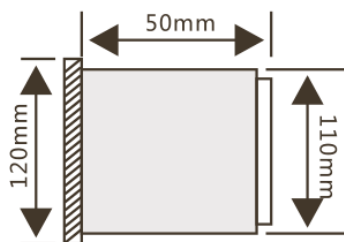
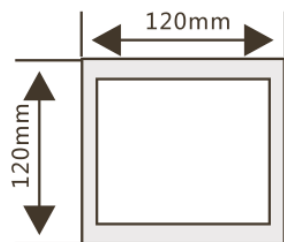
二、技术参数与选型

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

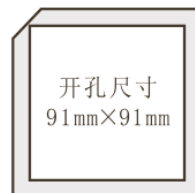
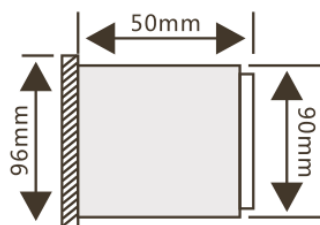
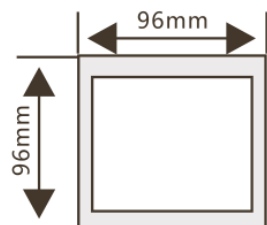
选型表

三、外形及安装尺寸

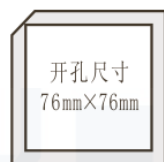
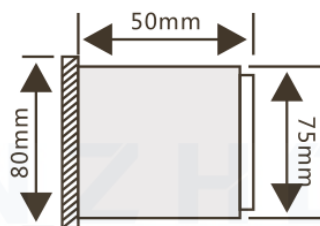
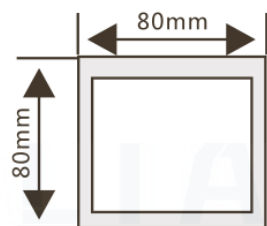
◆ 120mm×120mm



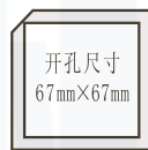
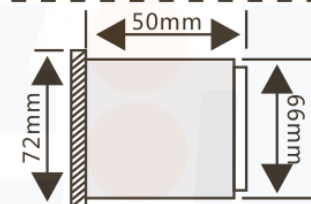
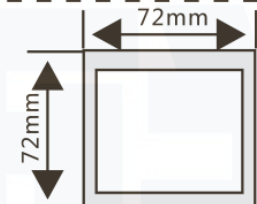
◆ 96mm×96mm



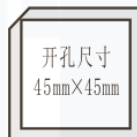
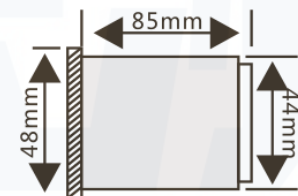
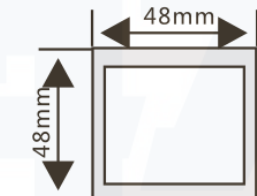
◆ 80mm×80mm



◆ 72mm×72mm

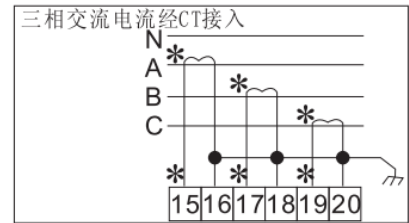
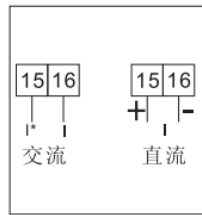
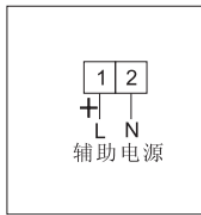


◆ 48mm×48mm

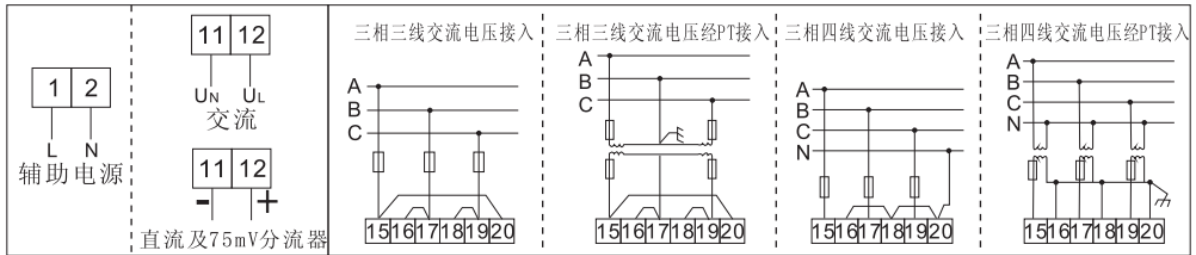


四、接线示意图

◆ 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 flowchart illustrates the navigation through various settings menus across four levels (第一级, 第二级, 第三级, 第四级).

Level 1 (第一级): Menu, Code, Set.

Level 2 (第二级): dISP, bLEd, CLrE, InPr, UScL, IScL, F.U, F.I, Conn, Sn, bAUD, dAtA, PrOf, do-1, Ro-1, Code.

Level 3 (第三级): dISP, bLEd, CLrE, InPr, UScL, IScL, F.U, F.I, Conn, Sn, bAUD, dAtA, PrOf, do-1, Ro-1, Code.

Level 4 (第四级): dISP, bLEd, CLrE, InPr, UScL, IScL, F.U, F.I, Conn, Sn, bAUD, dAtA, PrOf, do-1, Ro-1, Code.

Settings and Notes:

- (设置):** dISP (电量显示方式: 0-10), bLEd (此项无意义), CLrE (按 $\leftarrow$ 电能清零).
- (输入):** InPr (信号网络), UScL (电压范围), IScL (电流范围), F.U (电压倍率范围: 1-9999), F.I (电流倍率范围: 1-9999).
- (通讯):** Conn (仪表通讯地址范围: 1-247), Sn (波特率), bAUD (协议格式), dAtA (协议格式), PrOf (协议格式).
- (开关量):** do-1 (另三路类似).
- (模拟量):** Ro-1 (另三路类似).
- (密码):** Code (密码范围 0~9999).

Navigation: The flowchart uses arrows to indicate the sequence of menu selections and the exit path (Menu, SAVE, YES).