

一、概述

GMR194I-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

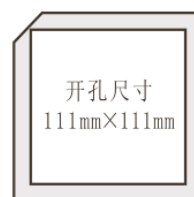
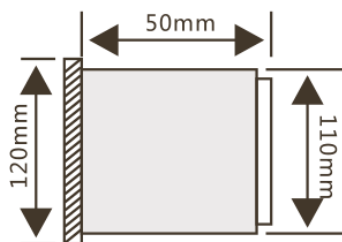
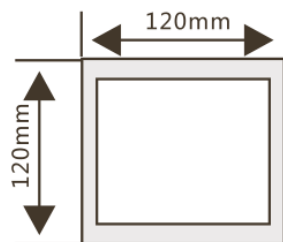
二、技术参数与选型

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

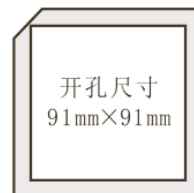
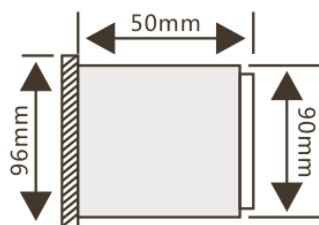
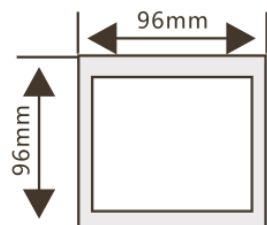
选型表

三、外形及安装尺寸

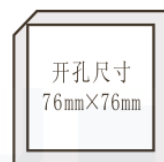
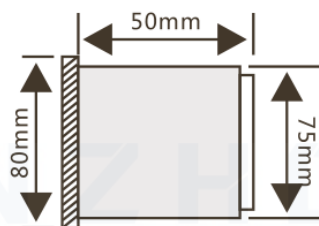
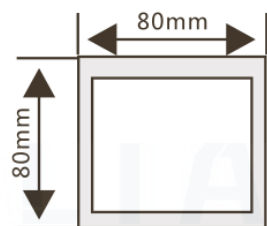
◆ 120mm×120mm



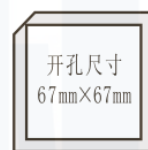
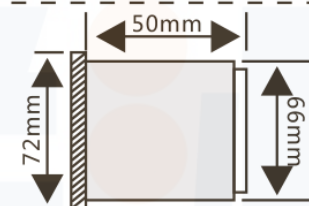
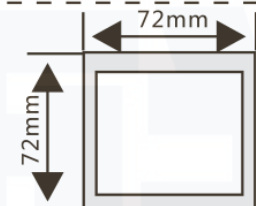
◆ 96mm×96mm



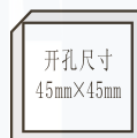
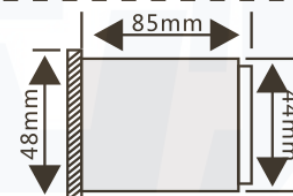
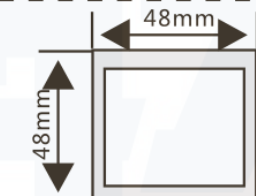
◆ 80mm×80mm



◆ 72mm×72mm

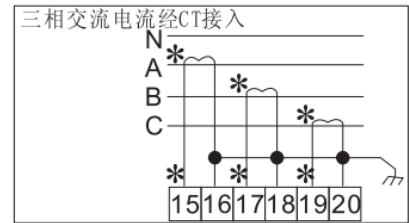
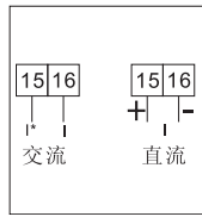
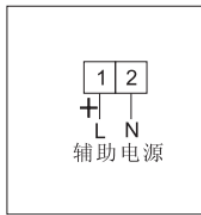


◆ 48mm×48mm

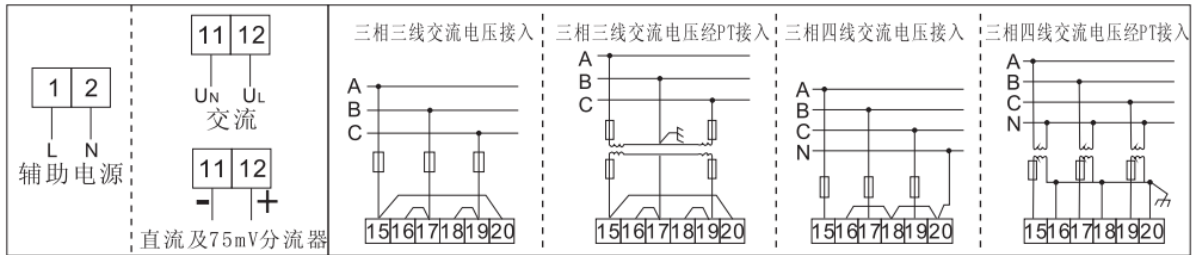


四、接线示意图

◆ 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 1-1 illustrates the setting menu flowchart, organized into levels and categories:

- Menu Flow:**
 - Menu → Code → 9999 (First Level)
 - Code → 0001 (Second Level)
 - 0001 → SER (Third Level)
- Settings Categories and Options:**
 - (设置) (Settings):**
 - SER → dISP → 0000 (电量显示方式: 0-10)
 - SER → bLEd → 0001 (此项无意义)
 - SER → CLrE → (按 电能清零)
 - (输入) (Input):**
 - InPr → nEr → 734 (信号网络)
 - InPr → UScL → 100 (电压范围)
 - InPr → IScL → 1 (电流范围)
 - InPr → r. U → 0001 (电压倍率范围: 1-9999)
 - InPr → r. I → 0001 (电流倍率范围: 1-9999)
 - (通讯) (Communication):**
 - Conn → Sn → 0001 (仪表通讯地址范围: 1-247)
 - Conn → bAUD → 4800 (波特率)
 - Conn → dAtA → 28.1 (协议格式)
 - Conn → Pr.of → Word (协议格式)
 - (开关量) (Digital Output):**
 - do-1 → 0000 → 0129 → 0129 (另三路类似)
 - (模拟量) (Analog Output):**
 - Ao-1 → 0000 → 0129 → 0129 (另三路类似)
 - (密码) (Password):**
 - Code → Code → Code → Code → Code → Code (密码范围 0~9999)

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