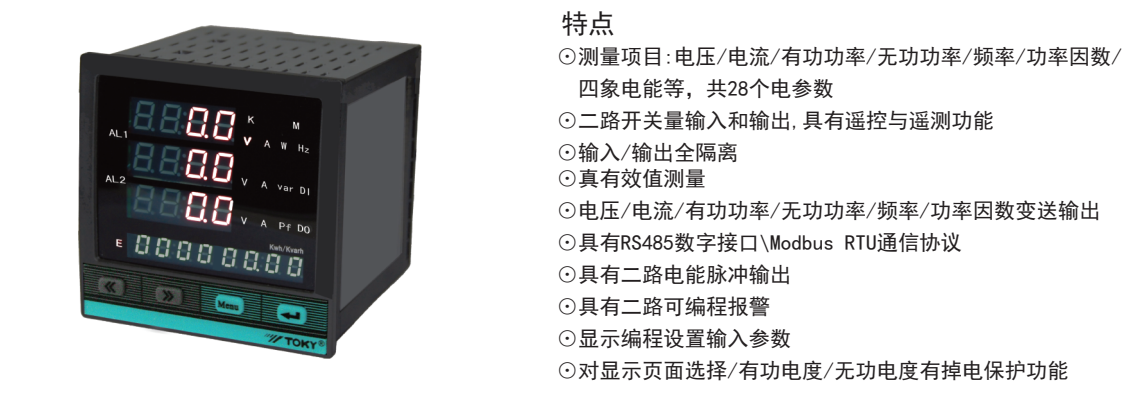
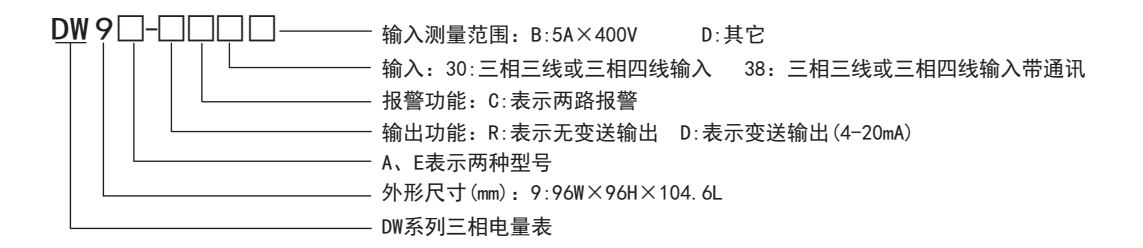


DW9A/E系列三相电量仪表操作说明书



该系列仪表可广泛应用于控制系统、SCADA系统和能源管理系统中...

一、仪表型号



二、型号说明

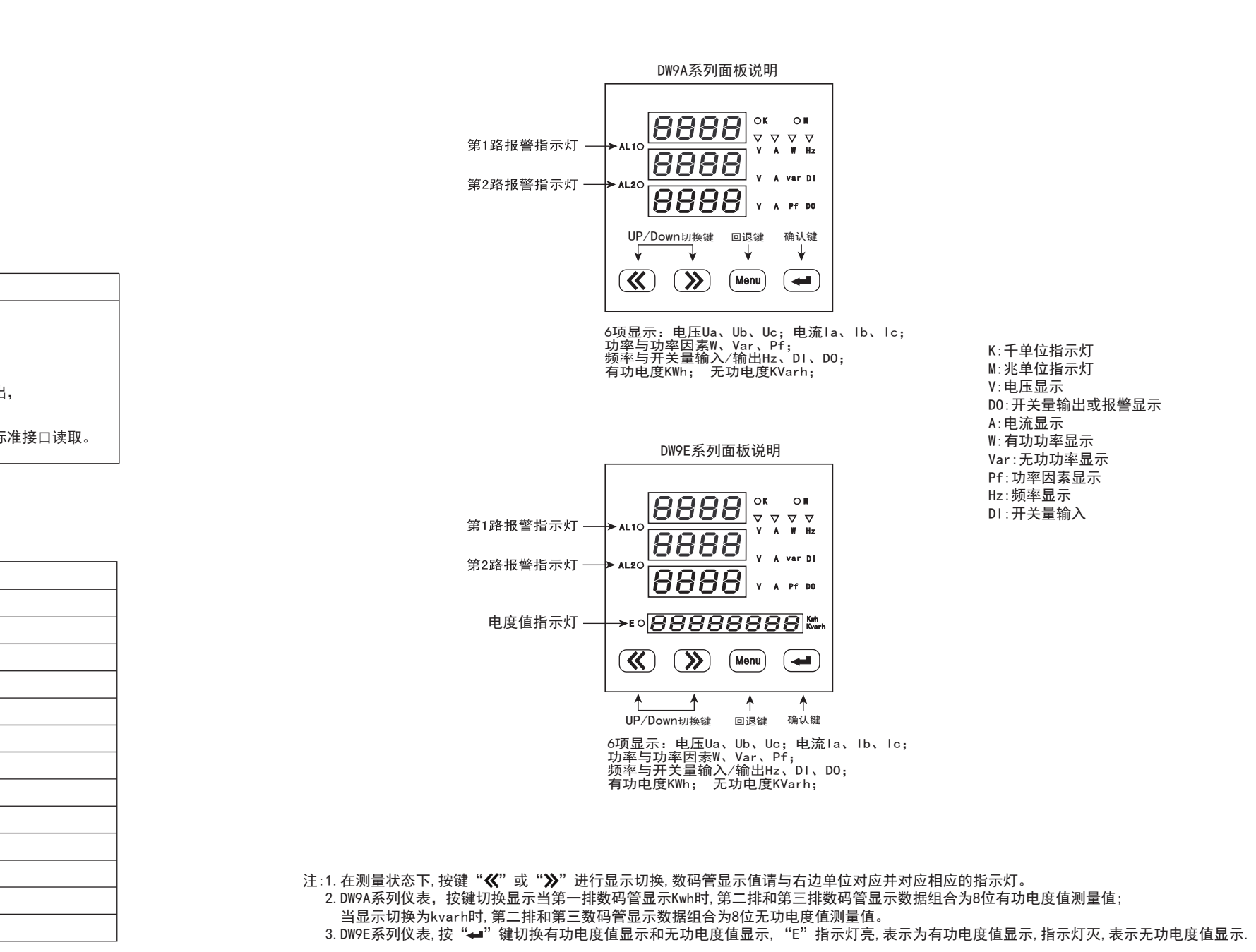
Table with columns: 型号 (Model), 区别 (Difference), 相同点 (Similarities). Rows include DW9A-DC38B and DW9E-DC38B.

三、主要技术参数

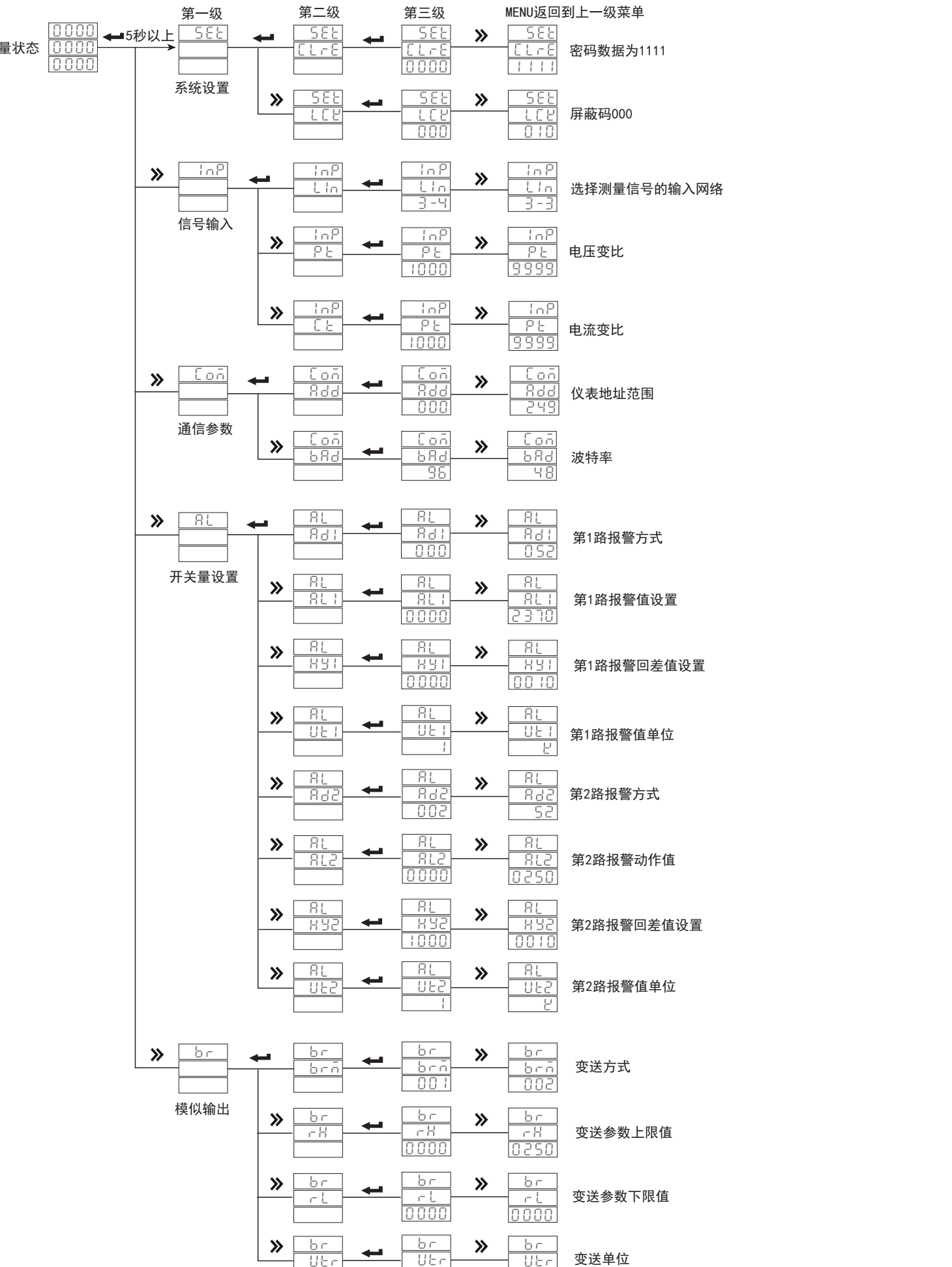
Table of technical parameters including: 网络 (Network), 电压额定值 (Voltage rated value), 电压过负荷 (Voltage overload), etc.

Table with columns: 显示 (Display), 可编程设置、切换、循环扫描LED显示 (Programmable settings, switching, scanning LED display).

四、面板名称



五、操作流程



六、操作说明

- 测量状态下: 1. 按“UP”或“DOWN”键, 切换显示组别. 2. 按确认键“<=>”, 使电压显示值在相电压与线电压之间切换...

Table with columns: 序号 (Serial number), 第1层 (Layer 1), 显示方式 (Display mode), 第2层 (Layer 2), 第3层 (Layer 3), 描述 (Description).

七、输出功能

- DW9A/E提供象限的电能计量, 2路电能脉冲输出功能和RS485的接口来完成电能数据的显示和远传.

八、通信协议

DW9A/E系列表使用Modbus RTU通信协议. 进行RS485半双工通信. 读功能码0x03, 写功能码0x06.

Table for host request (主机请求) with columns: 表地址 (Table address), 功能号 (Function number), 起始地址 (Start address), etc.

Table for response from host (从机正常应答) with columns: 表地址 (Table address), 功能号 (Function number), 字节数 (Byte count), etc.

Table for response from host (从机异常应答) with columns: 表地址 (Table address), 功能号 (Function number), 错误码 (Error code), etc.

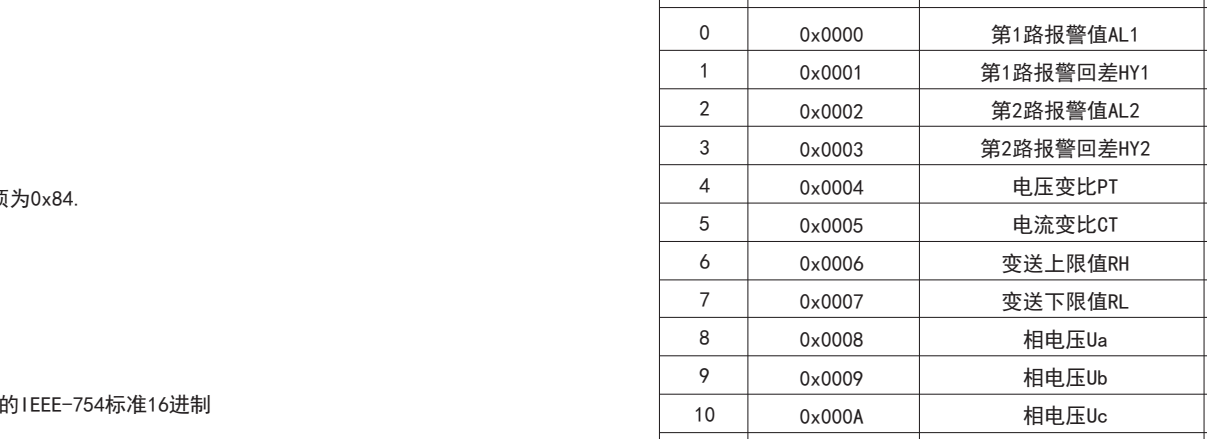
Table for host request (主机请求) with columns: 表地址 (Table address), 功能号 (Function number), 起始地址 (Start address), etc.

Table for response from host (从机正常应答) with columns: 表地址 (Table address), 功能号 (Function number), 起始地址 (Start address), etc.

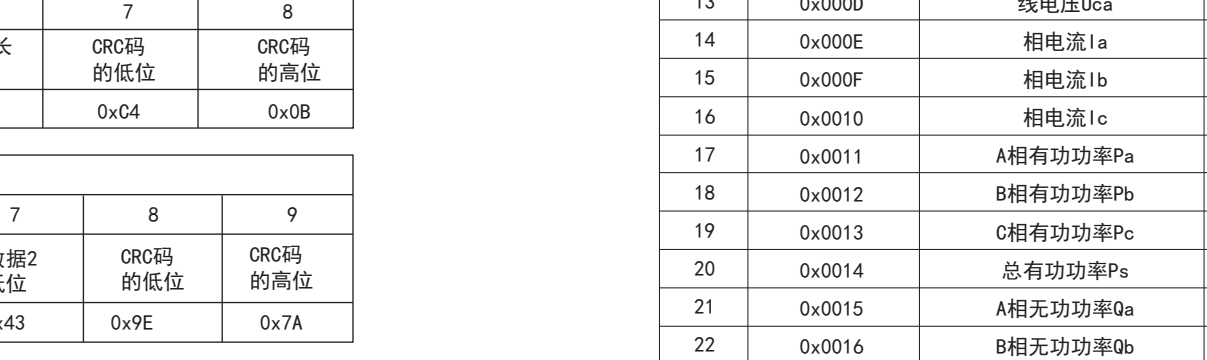
Table for response from host (从机异常应答) with columns: 表地址 (Table address), 功能号 (Function number), 错误码 (Error code), etc.

DW9A/E相关参数地址映射表. 注: 地址号相当变量数据的索引.

九、外形及安装开孔尺寸



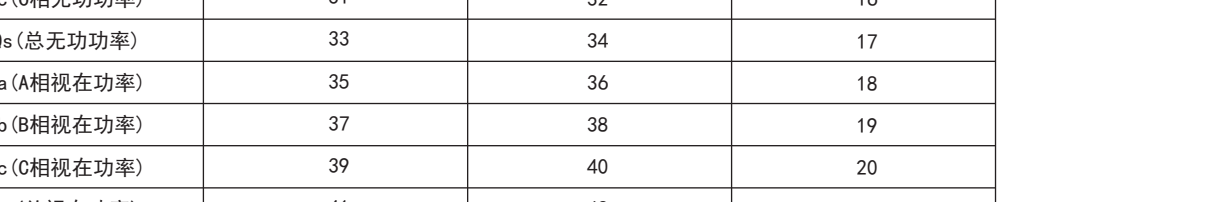
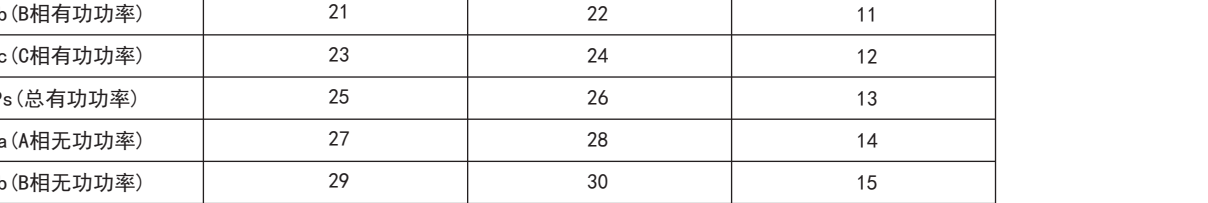
十、接线图



Main parameter address mapping table with columns: 序号 (Serial number), 地址映像 (Address mapping), 变量名称 (Variable name), 默认值 (Default value), 字长 (Word length), 取值范围 (Value range), 读/写权限 (Read/Write permission), 备注 (Remarks).

附录1: 报警输出与变送输出电量参数对照表

Table mapping alarm and output parameters to their respective codes and ranges.



```
unsigned int wCrc=0xFFFF;
for(i=0;i<num;i++)
wCrc^=(unsigned int)(pBuf[i]);
if(wCrc & 0xFFFF >> 16; wCrc=0xA001;
else wCrc >> 1;
return wCrc;
}
```

```
float BytesToFloat(unsigned char*pch)
{
float result;
unsigned char *p;
p=(unsigned char*)&result;
*p="pch";*(p+1)="pch+1";*(p+2)="pch+2";*(p+3)="pch+3";
return result;
}
```

```
void FloatToChar(float fValue,unsigned char*pch)
{
unsigned char*p;
p=(unsigned char*)&fValue;
*pch="p";*(pch+1)="p+1";*(pch+2)="p+2";*(pch+3)="p+3";
return result;
}
```

注意事项: 1. 电压输入: 输入电压不应高于产品的额定输入电压. 2. 电流输入: 标准额定输入电流为5A, 大于5A的情况应使用外部CT.

注: 地址号相当变量数据的索引. 注: 地址号相当变量数据的索引.