

技术指标 Technical index

测量精度

电压: 0.5级
 电流: 0.5级
 频率: $\pm 0.02\text{Hz}$

信号输入

- ◆接线方式: 单相、三相四线、三相三线
- ◆额定电压: AC 57.7V, AC 100V, AC 220V, AC450V
- ◆额定电流: AC 1A, AC 5A
- ◆过负载: 电压: 1.2倍(持续), 2倍/1秒(瞬时)
 电流: 1.2倍(持续), 10倍/5秒(瞬时)
- ◆功耗: 电压: <1VA/相, 电流: <0.4VA/相
- ◆阻抗: 电压: >300k Ω , 电流: <20m Ω
- ◆频率: 45~65Hz

辅助电源

- ◆工作范围: AC/DC 80V~270V, AC220V, AC450V, AC100V
- ◆功耗: <4VA

功能模块

- ◆通讯接口: 1路RS-485通讯, Modbus-RTU协议
 波特率: 1200~9600bps, 默认2400 bps
- ◆开关量输入: 支持4路干结点输入
- ◆开关量输出: 支持3路继电器输出, 容量: AC 250V/5A
 DC 30V/5A
- ◆变送输出: 支持1路模拟量输出: 0/4~20mA 或
 0~5/10V

环境

- ◆工作温度: $-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- ◆存储温度: $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- ◆相对湿度: < 93%, 无腐蚀性气体场所
- ◆海拔: < 2500m

安全

- ◆绝缘电阻: >100M Ω
- ◆交流耐压: AC 2KV

电磁兼容性能

- ◆静电放电: 4级
- ◆电快速瞬变脉冲群: 4级
- ◆浪涌(冲击): 4级

Accuracy of measurement

Voltage level 0.5
 Current level 0.5
 Frequency $\pm 0.02\text{Hz}$

Signal input

- ◆Connection mode of single-phase, three-phase four wire, three phase three line
- ◆Rated voltage AC 57.7V, AC 100V, AC 220V, AC450V
- ◆Rated current AC 1A, AC 5A
- ◆Overload voltage: 1.2 times(Continued), 2 times/second (instantaneous)
 current: 1.2 times(Continued), 10 times/5 second (instantaneous)
- ◆Power consumption voltage: <1VA, current: <0.4VA/phase
- ◆Impedance voltage: >300mK Ω , current: <20m Ω
- ◆The frequency 45~65Hz

Auxiliary power supply

- ◆Working range of AC/DC 80V~270V, AC220V, AC450V, AC100V
- ◆Power consumption <4VA

Function module

- ◆Communication interface 1 way RS-485 communication, Modbus-RTU protocol baud rate: 1200~9600bps, the default 2400bps
- ◆Switch input: support 4 stem node input
- ◆The switch output: support 3 relay output, capacity: AC 250V/5A, DC 30V/5A
- ◆Transmission output: support 3 analog output: 0/4~20mA or 0~5/10V

Environment

- ◆Working temperature: $-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- ◆Storage temperature: $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- ◆Relative humidity is less than 93%, no corrosive gas
- ◆Elevation $\leq 2500\text{m}$

Safety

- ◆Insulation resistance >100M Ω
- ◆AC withstand voltage AC 2KV

Electromagnetic compatibility

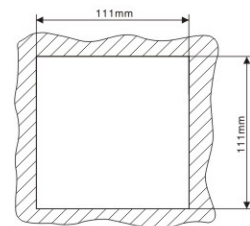
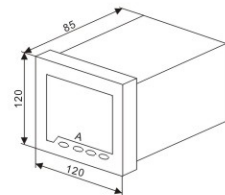
- ◆ESD level 4
- ◆Electrical fast transient burst level 4
- ◆Surge(impact) level 4

性能特点 Performance characteristics

- 1、高精度测量三相电压、三相电流、频率等电参量
- 2、提供数码管或液晶显示, 本地数据查询
- 3、电流、电压变比可编程设置
- 4、支持RS-485通讯, Modbus-RTU协议
- 5、支持开关量输入、开关量输出、模拟量变送输出
- 6、辅助电源: AC/DC 80V~270V, AC220V, AC450V, AC100V
- 7、多种外形选择, 满足不同柜体电气回路的要求

1. High precision measurement of three-phase voltage, three-phase current, frequency of electric parameters
2. To provide a digital tube or liquid crystal display, local data query
3. Current and voltage gain programmable settings
4. Support for RS-485 communication, Modbus-RTU protocol
5. Support for switching input, output, analog quantity transmitting output
6. Auxiliary power supply: AC/DC 80V~270V, AC220V, AC450V, AC100V
7. A variety of shapes, to meet the different requirements of the cabinet body electric circuit

外形尺寸 Outline dimensions



Code	Hole Size(mm)	Frame Size(mm)
1	120*120	111*111
2	96*96	92*92
3	96*48	92*45
4	80*80	76*76
5	72*72	68*68
6	48*48	45*45