

LS630E型 多功能电力仪表（液晶）

LS630E Digital multifunctional power meter with LCD display

■用途 Usage

LS630E型液晶多功能电力仪表是LS200E型的升级产品。本产品是针对电力系统，工矿企业，公共设施，智能建筑的电力监控需求而设计。可测量所以电量参数，三相电流，电压，有功，无功，电能，频率，功率因数。

可通过面板按键对电流互感器比值进行任意设定，对电能值清零。

LS630E Digital multifunctional power meter with LCD display is LS200E upgrade products, is a intelligent meter, designed for power monitoring of power systems, industrial and mining establishments, public utility, intelligent building. It integrate all the power parameters, such as three phase current, voltage, active power, reactive power, electric energy, frequency, power factor. The ratings are displayed one after the other or can be selected by pressing a button. Using the front-side buttons, the current transformer ratio can be set and the energy values can be reset.

■特点 Feature

测量:单相二线，三相三线，三相四线系统电量参数。

显示: LCD液晶切换显示

输出: RS485通讯,模拟信号,开关量输入输出,电能脉冲

运用领域: 能源管理系统, 变电站自动化, 小区电力监控, 工业自动化, 智能建筑, 配电盘, 开关柜。

Measure: System 1P2W, 3P3W, 3P4W power parameters.

Display: LCD display

Output: RS485, transmit analog signal, switching input, switching output, electric energy pulse

Application: Energy sources management system; Automation of substation; Monitor and control for power supply of residence; Industry automation; Intelligent building; Switch board.

■技术参数 Technical parameters

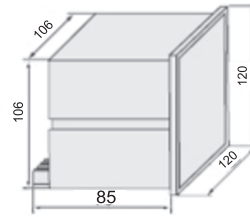
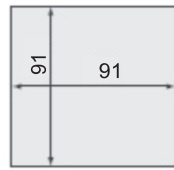
| | | |
|----------------------------|-----------------------------------|--|
| 输入 Input | 系统 System | 单相二线，三相三线，三相四线 Single phase, 3phase 3 wire, 3phase 4wire |
| | 电流 Current | 额定值Rating 1Aac, 5Aac 过负荷Over load 1.2倍持续，瞬间10倍/10秒 1.2times continuous, instantaneous 10times/10Sec. |
| | 电压 Voltage | 额定值Rating 100Vac, 400Vac 过负荷Over load 1.2倍持续，瞬间2倍/1秒 1.2times continuous, instantaneous 2times/1Sec. |
| 显示/精度 Display/Accuracy | | 电流电压0.2%R.O., 功率电能功率因数0.5%R.O., 频率0.05%R.O. Current voltage 0.2%, power /electric energy/power factor 0.5%, frequency 0.05% |
| 输出（可选） Output(optional) | 通讯 Communication | RS485/Modbus-RTU 波特率Baud rate 9600 4800 可设定setting |
| | 变送模拟信号 Transmit analog signal | 可选电流，电压，功率其一变送输出模拟信号4~20mA, 0~10V; Optional current voltage power transmitting analog signal 4~20mA, 0~10V; |
| | 开关量输入输出 Switching input output | 4路开关量输入, 4路开关量输出 4channels switching inputs, 4channels switching outputs |
| | 电能脉冲 Electric energy pulse | 两路脉冲输出 two channel pulse output |
| 电源 Aux. power | 范围 Range | AC85~265V, DC100~275V |
| | 功耗 Consumption | <1VA |
| 环境 Environment | 工作环境温湿度 Operating temp. hum. | — 10℃~55℃, <80%相对湿度（无冷凝状态） — 10℃~55℃, <80%Relative humidity(non-condensing) |
| | 储存环境温度湿度 Storage temp. hum. | — 20℃~70℃, <70%相对湿度（无冷凝状态） — 20℃~70℃, <70%Relative humidity(non-condensing) |
| | 海拔 Altitude | <2000M |
| 外壳材料 Case material | | ABS |
| 外型尺寸 Case dimension | | 96(长)×96(高)×75mm(深); 120(长)×120(高)×75mm(深) 96(L)×96(H)×75(D); 120(L)×120(H)×75(D) |
| 安装方式 Mounting | | 支架螺钉固定 panel flush mounting |
| 重量 Weight | | <400克 <400g |

外型尺寸 Dimension



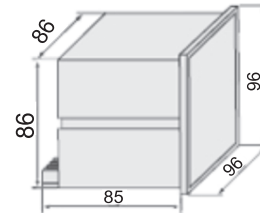
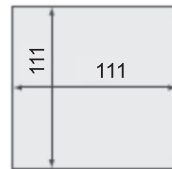
LS630E-9S

盘面开孔尺寸图
Panel cutout size diagram



LS630E-2S

盘面开孔尺寸图
Panel cutout size diagram



选型代码 Model Code

| 主型号代码 Mail type code | 测量/显示 Measure/Display | (可选)输出功能代码 Output function code (option) | | | |
|-------------------------|--|--|---|---|------------------------------|
| | | 模拟量输出代码 Analog signal code | 开关量模块代码 Switching code | 电能脉冲代码 Energy pulse code | 数字通讯代码 Communication code |
| | | M | S | P | R |
| LS630E-9SQ | U、I、KW、Kvar、KWh、Kvarh、Hz、cosØ | 两路 4~20mA(0~20mA)输出 Two channel 4~20mA(0~20mA) output | 4路开关量入 4路开关量出 4DI channel 4DOchannel | 两路电能脉冲 Two channel Electric energy pulse | RS485 Modbus-RTU |
| LS630E-2SQ | | | | | |
| LS630E-9SIU | U、I | | | | |
| LS630E-2SIU | | | | | |
| LS630E-9SIUPE | U、I、KW、KWh | | | | |
| LS630E-2SIUPE | | | | | |
| LS630E-9SIE | I、KWh | | | | |
| LS630E-2SIE | | | | | |
| LS630E-9SQ4EF | U、I、KW、Kvar、KWh、Kvarh、Hz、cos Ø 四象限电能、复费率电能 | | | | |
| LS630E-2SQ4EF | | | | | |

订货范例 Order example

型号 Model : LS630E-9SQPR
 输入 Input : 3P4W,5Aac,380Vac,50Hz
 显示 Display :U、I、KW、Kvar、KWh、Kvarh、Hz、cosØ
 输出1 Output1 : 两路脉冲 two channel electric energy pulse ;输出2 Output2 : RS485
 工作电源 Aux.power : AC/DC85~265V

接线图 Connection Diagram

