

LS730E型 多功能电力仪表

LS730E Digital multifunctional power meter with LED display

■用途 Usage

LS730E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。

LS730E Digital multifunctional power meter with LED 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: LED切换显示

输出: RS485通讯, 开关量输入输出, 电能脉冲

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

Display: LED display

Output: RS485, switching input, switching output, electric energy pulse

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。

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
	开关量输入输出 Switching input output	4路开关量输入, 2路开关量输出 4channels switching inputs, 2channels 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		9S: 96(长) × 96(高) × 85mm(深); 2S: 120(长) × 120(高) × 85mm(深) 8S: 80(长) × 80(高) × 85mm(深); 7S: 72(长) × 72(高) × 85mm(深)
安装方式 Mounting		支架螺钉固定 panel flush mounting
重量 Weight		<400克 <400g

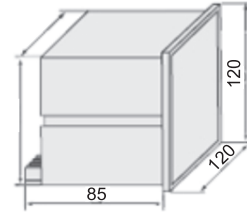
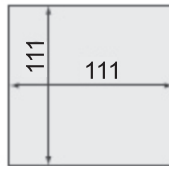
多功能表
Multifunctional meter

■ 外型尺寸 Dimension



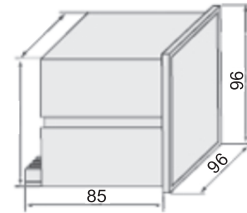
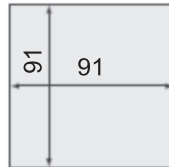
LS730E-2S

盘面开孔尺寸图
Panel cutout size diagram



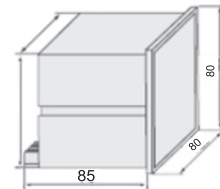
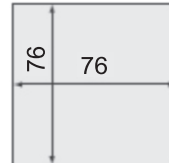
LS730E-9S

盘面开孔尺寸图
Panel cutout size diagram



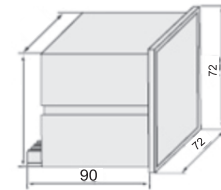
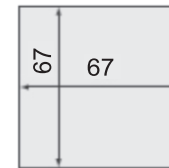
LS730E-8S

盘面开孔尺寸图
Panel cutout size diagram



LS730E-7S

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	面框尺寸 Front view size	测量/显示 Measure/Display	(可选)输出功能代码 Output function (option)								
			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						
			S	P	R						
LS730E-9SQ	96×96mm	U、I、KW、Kvar、KWh、Kvarh、Hz、cosφ	4路开关量入 2路开关量出 4DI channel 2DOchannel	两路电能脉冲 Two channel Electric energy pulse	RS485 Modbus-RTU						
LS730E-2SQ	120×120mm										
LS730E-8SQ	80×80mm										
LS730E-7SQ	72×72mm										
LS730E-9SIU	96×96mm	U、I				4路开关量入 2路开关量出 4DI channel 2DOchannel	两路电能脉冲 Two channel Electric energy pulse	RS485 Modbus-RTU			
LS730E-2SIU	120×120mm										
LS730E-8SIU	80×80mm										
LS730E-7SIU	72×72mm										
LS730E-9SIUPE	96×96mm	U、I、KW、KWh							4路开关量入 2路开关量出 4DI channel 2DOchannel	两路电能脉冲 Two channel Electric energy pulse	RS485 Modbus-RTU
LS730E-2SIUPE	120×120mm										
LS730E-8SIUPE	80×80mm										
LS730E-7SIUPE	72×72mm										
LS730E-9SIE	96×96mm	I、KWh	4路开关量入 2路开关量出 4DI channel 2DOchannel	两路电能脉冲 Two channel Electric energy pulse	RS485 Modbus-RTU						
LS730E-2SIE	120×120mm										
LS730E-8SIE	80×80mm										
LS730E-7SIE	72×72mm										

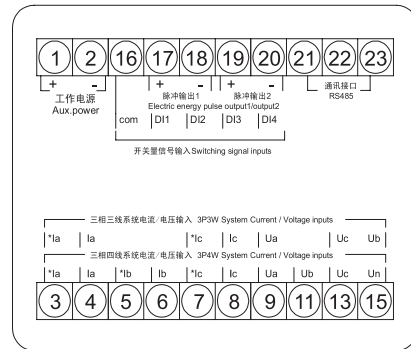
订货范例 Order example

型号 Model : LS730E-8SQPR
 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

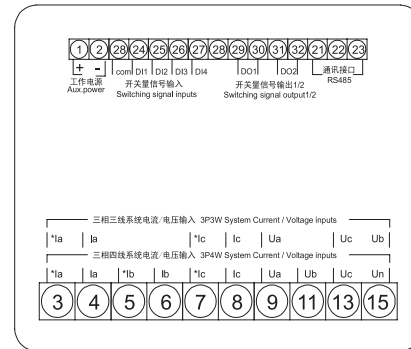
接线图 Connection Diagram

**96方形 (96×96mm)、42方形 (120×120mm)、80方形 (80×80mm) 接线图:
 96 square (96×96mm)、42 square (120×120mm)、80 square (80×80mm) connection diagram:**

三相三线/三相四线多功能表 3P3W/3P4W multifnctional power meters
LS730E-9SQ、LS730E-9SIU、LS730E-9SIUPE、LS730E-9SIE
 三相三线/三相四线多功能表 3P3W/3P4W multifnctional power meters
LS730E-2SQ、LS730E-2SIU、LS730E-2SIUPE、LS730E-2SIE
 三相三线/三相四线多功能表 3P3W/3P4W multifnctional power meters
LS730E-8SQ、LS730E-8SIU、LS730E-8SIUPE、LS730E-8SIE



三相三线/三相四线多功能表 3P3W/3P4W multifnctional power meters
LS730E-9SQS、LS730E-9SIUS、LS730E-9SIUPES、LS730E-9SIES
 三相三线/三相四线多功能表 3P3W/3P4W multifnctional power meters
LS730E-2SQS、LS730E-2SIUS、LS730E-2SIUPES、LS730E-2SIES



**72方形 (72×72mm) 接线图:
 72 Square (72×72mm) connection diagram:**

三相三线/三相四线多功能表 3P3W/3P4W multifnctional power meters
LS730E-7SQR、LS730E-7SIUR、LS730E-7SIUPER、LS730E-7SIER

