

PDU系列

PDU Series

Electricity metering technology solution/component manufacturer
电能计量技术方案/组件提供商

INTELLIGENT PDU CORE COMPONENT SUPPLIER

智能PDU核心部件提供商



智能IP表头
iPDU meter

可通过TCP/IP实现远程监测的PDU
PDU that can be remotely monitored via TCP/IP



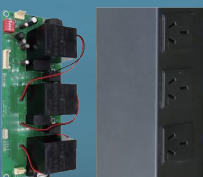
RS485表头
RS485 PDU meter

带RS485的计量型PDU
Metering PDU with RS485



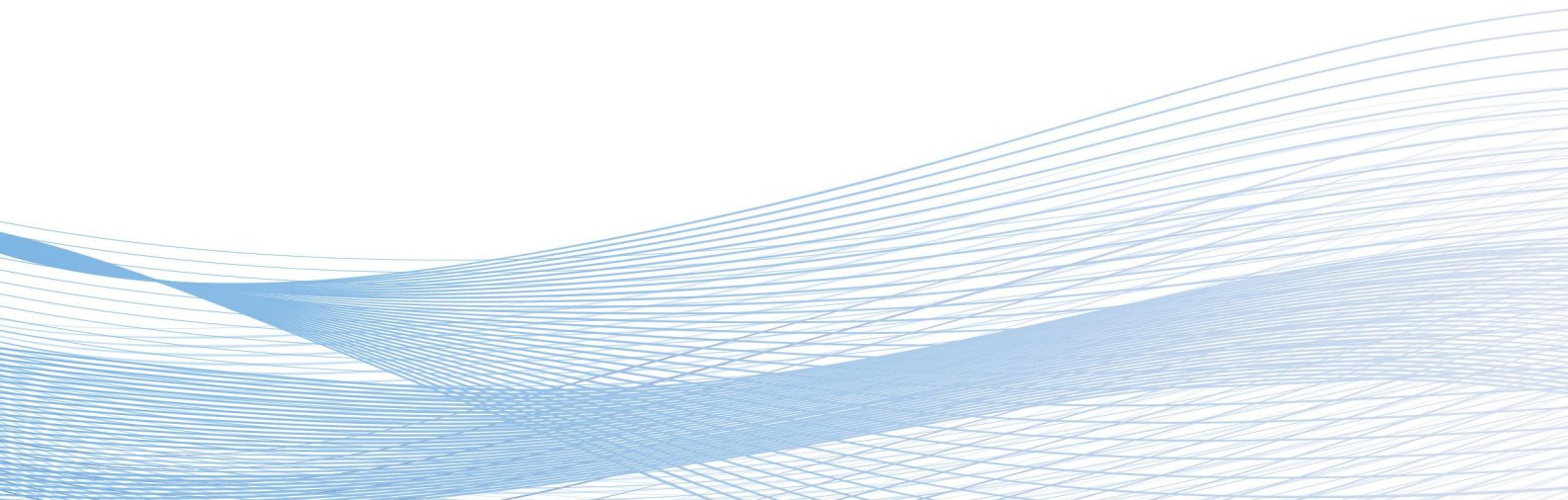
电流表头
PDU Meter

带电流/电压/电能的本地计量型PDU
Local metering PDU with current/voltage/energy



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ENTERPRISE PROFILE

企业简介

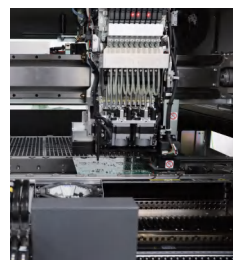
INTELLIGENT PDU CORE COMPONENT SUPPLIER 智能PDU核心部件提供商

Shenzhen Jiansiyan Technologies Co., Ltd. was founded in 2009, focusing on the research and development of electric energy metering technology, is a high-tech enterprise committed to providing professional one-stop services from technical solutions to related hardware manufacturing. Since its establishment, Jiansiyan has developed more than 300 kinds of products such as AC/DC energy metering module, solar energy meter, Internet of Things WiFi meter, smart PDU meter, smart gateway, electric vehicle charging motherboard, etc.

For more than 16 years, we have been adhering to the values of technological innovation, excellent quality and excellent service, providing technical solutions and products for domestic and foreign partners in various industries.

深圳市健思研科技有限公司是一家专业从事“电测”“电传”“电控”技术研发的国家高新技术企业，坐落于高科技的创新前沿地区——深圳市光明区。公司成立于2009年注册资金1010万，于2014年获得“国家高新企业认证”“软件企业认证”以及商务部颁发的“3A”级企业认证。公司成立至今已经积累了八大类三百种产品；涉及充电桩及管理系统、嵌入式电能计量模块、电测仪器、仪表，智能PDU、消防火灾报警、消防风机控制、能耗分析、分相电能计量等领域。主要合作伙伴均为行业内龙头企业，上市公司。公司50%以上产品属于技术创新类产品，处于行业领先地位；50%产品属于客户定制开发，也属于业内领先(知识产权不归健思研所有)。

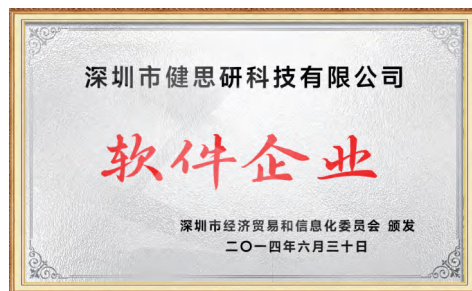
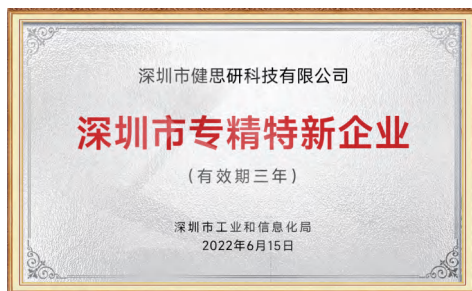
公司愿景：以科技驱动创新，以品质赢得信任，成为全球领先的电能计量解决方案提供商。



荣誉 HONOR

潜心研发并拥有相关结构、外形和发明专利
Dedicated research and development with relevant structure, shape and invention patents

企业荣誉 Enterprise Honour



发明专利 Invention Patents



质量认证 Quality Certification



携/手/同/行/再/创/辉/煌
WITNESSING 16 YEARS OF TRIALS AND HARDSHIPS
WE ARE ALWAYS ON THE ROAD

历程

发展历程

DEVELOPMENT HISTORY

2009年

公司成立

公司正式成立从5位员工开始踏上征途。

2009 Year
Establishment

The company was officially founded starting with 5 employees who embarked on the journey.

2011年

品牌升级

取得第一个自主知识产权，公司入驻深圳市集成电路设计应用产业园。

2011 Year
Brand Upgrade

Obtained the first independent intellectual property rights, and the company moved into Shenzhen IC Design and Application Industrial Park.

2013年

公司发展

通过国家高新企业认证，3A企业认证，双软企业认证。

2013 Year
Development

Passed the national high-tech 3A enterprise certification, double-soft enterprise certification.

2014年

腾飞

年度研发创新产品二十三款打造“嵌入式电能计量”的2.0时代。

2014 Year
Rise

Developed 23 innovative products in the year, creating the 2.0 era of "embedded power metering".

2020年

跨界创新

2020年获得专精特新企业认证，持续创新，开拓电能测量技术在消防、环保领域的应用，开创跨行业技术应用元年。

2020 Year
Innovations

In 2020, we obtained the certification of specialized, refined, special and new, continued to innovate, explored the application of electric energy measurement technology in the fields of fire protection and environmental protection, and created the first year of cross-industry technology application.

2022年

品质提升

成立生产中心，购入全套雅马哈SMT及DIP自动生产线，将产品一次交付合格率提升至99.9%。

2022 Year
Quality

Established a production center and purchased a full set of Yamaha SMT and DIP automatic production lines, increasing the first-time delivery pass rate of products to 99.9%.

2024年

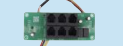
再创辉煌

完成国际贸易团队组建，以智能PDU方案为切入点开拓欧美国际市场，全年完成样品发货量5000PCS。

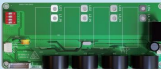
2024 Year
Create Greater Glory

Completed the establishment of international trade team, opened up European and American markets with intelligent PDU solution as the entry point, and completed sample shipment of 5000 PCS throughout the year.

规格型号选型/model selection

产品型号	参数	Model selection	Parameters	Size
 JSY-MK-341 三相智能PDU表头	3*220V AC 3*63A	 JSY-MK-341 Three-phase IP PDU Meter	3*220V AC 3*63A	148X44.00X48.2mm
	2英寸彩屏显示		2.0-inch LCD display	
	TCP/IP网口		Ethernet port * 1	
	RS485接口		RS485 port * 2	
	1路温湿度接口		Temperature and humidity port * 1	
	2路I/O口, 功能可定制		I/O ports * 2(functions can be customized)	
	USB升级口		USB port *1(software upgrade)	
 JSY1053 单相智能PDU表头	220V AC 63A	 JSY1053 Single-phase IP PDU Meter	220V AC 63A	148X44.00X48.2mm
	2英寸彩屏显示		2.0-inch LCD display	
	TCP/IP网口		Ethernet port * 1	
	RS485接口		RS485 port * 2	
	1路温湿度接口		Temperature and humidity port * 1	
	2路I/O口, 功能可定制		I/O ports * 2(functions can be customized)	
	USB升级口		USB port *1(software upgrade)	
 JSY-MK-360 三相RS485 PDU表头	3*220V AC 3*63A	 JSY-MK-360 Three-phase RS485 PDU Meter	3*220V AC 3*63A	148X44.00X48.2mm
	1.5英寸显示		1.5-inch LCD display	
	1路RS485接口(2个口)		1-channel RS485(2 ports)	
	2路温湿度接口(2个口)		2-channel Temperature and humidity port	
	2路I/O口, 功能可定制		I/O ports * 2(functions can be customized)	
 JSY1095 单相RS485 PDU表头	220V AC 63A	 JSY1095 Single-phase RS485 PDU Meter	220V AC 63A	148X44.00X48.2mm
	1.5英寸显示		1.5-inch LCD display	
	1路RS485接口(2个口)		1-channel RS485(2 ports)	
	2路温湿度接口(2个口)		2-channel Temperature and humidity port	
	2路I/O口, 功能可定制		I/O ports * 2(functions can be customized)	
 JSY-MK-360T 三相PDU表头	3*220V AC 3*63A	 JSY-MK-360T Three-phase PDU Meter	3*220V AC 3*63A	148X44.00X48.2mm
	1.5英寸显示		1.5-inch LCD display	
 JSY1095D 单相PDU表头	220V AC 63A	 JSY1095D Single-phase PDU Meter	220V AC 63A	148X44.00X48.2mm
	1.5英寸显示		1.5-inch LCD display	
 JSY-MK-668 拓展版	6个RJ11接口(2路温湿度接口、1路485接口、4路开关量输入(支持水浸、门禁、烟雾探测)、2路开关量输出)、1路485(预留功能)	 JSY-MK-668 Expansion Board	6 RJ11 interfaces [2-channel temperature and humidity port, 4-channel switch inputs(supports Water immersion, door access control, smoke detection), 2-channel switch outputs, 1-channel 485(Reserved function)]	100*39mm
 JSY-MK-665 温湿度传感器	电压范围: 3.3V - 5V 精度: $\pm 5\%RH$ 和 $\pm 0.5^{\circ}C$ 测量相对湿度: 20%RH-80%RH 测量温度: $5^{\circ}C - 60^{\circ}C$ 数据更新时间: 5ms	 JSY-MK-665 Temperature and humidity sensor	Voltage range: 3.3V to 5V Accuracy: $\pm 5\%RH$ and $\pm 0.5^{\circ}C$ Measure relative humidity: 20%RH-80%RH Measurement Temperature: $5^{\circ}C - 60^{\circ}C$ Data update time: 5ms	Sensor size: 59*26.6mm Cable length: 1.5m

规格型号选型/model selection

产品型号	参数	Model selection	Parameters	Size
 JSY1122 2路磁保持继电器控制模块	单相220V交流输入	 JSY1122 2-channel Relay Control Module	220V AC input	80.00X52.30mm
	2路16A电流检测		2-channel 16A current detection	
	2路16A磁保持继电器控制		2-channel 16A magnetic retention relay control	
	2路指示灯输出		2-channel indicator output	
	精度: $\pm 1\%$		Accuracy: $\pm 1\%$	
 JSY1123 3路磁保持继电器控制模块	单相220V交流输入	 JSY1123 2-channel Relay Control Module	220V AC input	125.00X52.30mm
	3路16A电流检测		3-channel 16A current detection	
	3路16A磁保持继电器控制		3-channel 16A magnetic retention relay control	
	3路指示灯输出		3-channel indicator output	
	精度: $\pm 1\%$		Accuracy: $\pm 1\%$	
 JSY1054 4路磁保持继电器控制模块	单相220V交流输入	 JSY1054 4-channel Magnetic Latching Relay Control Module	220V AC input	125.00X52.30mm
	4路16A电流检测		4-channel 16A current detection	
	4路16A磁保持继电器控制		4-channel 16A magnetic retention relay control	
	4路指示灯输出		4-channel indicator output	
	精度: $\pm 1\%$		Accuracy: $\pm 1\%$	
 JSY1054A 4路磁保持继电器控制模块	单相220V交流输入	 JSY1054A 4-channel Magnetic Latching Relay Control Module	220V AC input	125.00X52.30mm
	4路16A磁保持继电器控制		4-channel 16A magnetic retention relay control	
	4路指示灯输出		4-channel indicator output	
	精度: $\pm 1\%$		Accuracy: $\pm 1\%$	
 JSY1054B 4路继电器模块	单相220V交流输入	 JSY1054B 4-channel Relay Module	220V AC input	125.00X52.30mm
	4路16A电流检测		4-channel 16A current detection	
	4路指示灯输出		4-channel indicator output	
	精度: $\pm 1\%$		Accuracy: $\pm 1\%$	
 JSY1084 4路磁保持继电器控制模块	单相220V交流输入	 JSY1084 4-channel Relay Control Module	220V AC input	160.00X65.00mm
	4路50A电流检测		4-channel 50A current detection	
	4路50A磁保持继电器控制		4-channel 50A magnetic retention relay control	
	4路指示灯输出		4-channel indicator output	
	精度: $\pm 1\%$		Accuracy: $\pm 1\%$	
 JSY1084A 4路磁保持继电器控制模块	单相220V交流输入	 JSY1084A 4-channel Relay Control Module	220V AC input	160.00X65.00mm
	4路50A磁保持继电器控制		4-channel 50A magnetic retention relay control	
	4路指示灯输出		4-channel indicator output	
	精度: $\pm 1\%$		Accuracy: $\pm 1\%$	
 JSY1084B 4路继电器模块	单相220V交流输入	 JSY1084B 4-channel Relay Module	220V AC input	160.00X65.00mm
	4路50A电流检测		4-channel 50A current detection	
	4路指示灯输出		4-channel indicator output	
	精度: $\pm 1\%$		Accuracy: $\pm 1\%$	

01

PDU表头

PDU METER

JSY-MK-341 (三相智能IP PDU表头)
JSY-MK-341(Three-phase IP PDU meter)

JSY1053 (单相智能IP PDU表头)
JSY1053(Single-phase IP PDU meter)

JSY-MK-360 (三相RS485 PDU表头)
JSY-MK-360(Three-phase RS485 PDU meter)

JSY1095 (单相RS485 PDU表头)
JSY1095(Single-phase RS485 PDU meter)

JSY-MK-360T (三相PDU电流表头)
JSY-MK-360T(Three-phase PDU Meter)

JSY1095D (单相PDU电流表头)
JSY1095D(Single-phase PDU Meter)

PDU表头尺寸
PDU meter size

JSY-MK-341

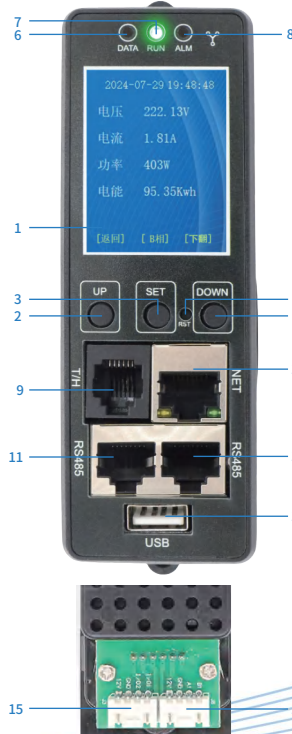
THREE-PHASE IP PDU METER
三相智能IP PDU表头



三相智能IP表头面板示意图

标识	项目	参数	
①	液晶显示屏	显示方式	TFT屏
		显示内容	仪表信息
		显示方向	水平
		刷新时间	1秒
		无操作下背光5分钟后熄灭	
②	UP	上翻键,翻页、闪烁位右移、返回测量页	
③	SET	设置键,设置菜单、设置项确认、保存	
④	DOWN	下翻键,显示翻页、闪烁位数值递减	
⑤	RST	复位键,短按重启	
⑥	DATA	通讯灯,黄色、级联通讯时闪烁	
⑦	RUN	运行灯,翠绿色、系统运行时闪烁	
⑧	ALM	报警灯,红色、告警时闪烁	
⑨	T/H	温湿度传感器检测口	
⑩	NET	以太网口,连接网络、远程访问	
⑪⑫	RS485	级联、参数配置	
⑬	USB	软件升级	
⑭	电源和RS485	连接继电器计量控制板	
⑮	I/O口	2路I/O口,功能可定制	

注:提供二次开发接口;SNMP(V1/V2C)。



Three-phase IP PDU meter panel display

No.	Item	Parameter	
①	LCD display	Display mode	TFT color screen
		Display content	Meter information
		Display direction	Horizontal
		Refresh time	1 second
		The backlight turns off after 5 minutes without any operation	
②	UP key	Turn the page, move the flashing position to the right, return to the measurement page	
③	SET	Set Key, Set menu, confirm setting items, save	
④	DOWN	Down key, Display page turning, flashing digit value decreasing	
⑤	RST	Reset key, Short press to restart	
⑥	DATA	Communication light, Yellow, flashing during cascade communication	
⑦	RUN	Running light, Emerald green, flashing when the system is running	
⑧	ALM	Warning light, Red, flashing when in alarm	
⑨	T/H	Temperature and humidity port, Temperature and humidity sensor detection port	
⑩	NET	Ethernet port, Network connection, remote access	
⑪⑫	RS485	Cascade, parameter configuration	
⑬	USB	Software upgrade	
⑭	Power and RS485	Connecting relay metering control board	
⑮	I/O Port	2-channel I/O ports, functions can be customized	

Note: Provide secondary development interface : SNMP (V1/V2c).

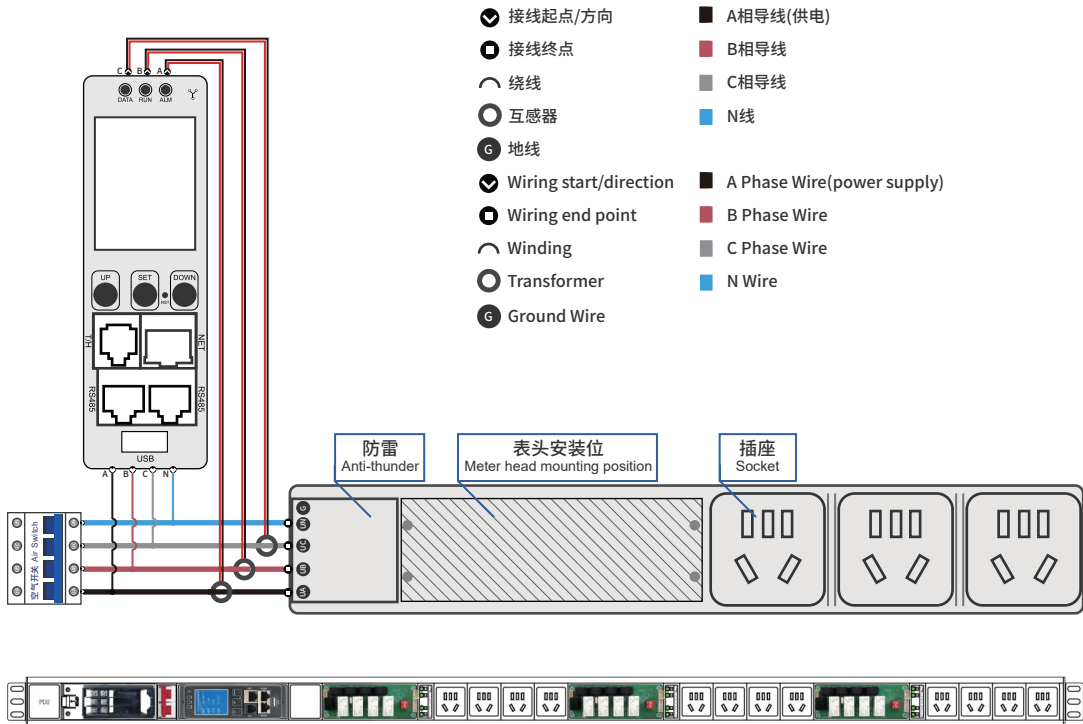
参数简介

性能参数			技术指标	
电气参数	输入 可选	单相	输入电压	176-264V
			最大总负载电流	63A
		三相	输入电压	3*220V
			最大总负载电流	3*63A
	输出		输出电压	176-264V
			输出电流	8A, 可选大电流20A
			输出位数	可选, 磁保持继电器最大36位 可选, 普通继电器最大12位
		频率	50Hz	
用户界面			显示屏	TFT彩屏
			操作按键	上翻、下翻、设置、复位键
			通讯接口	以太网一个、RS485两个
			温湿度接口	1个
电参数测量 和控制功能			PDU总测量	电压、电流、功率、电能
			每路输出测量	电压、电流、功率、电能
			每路输出可远程开/关控制	有
			自定义每路输出上/下电时序与间隔时间	有
			管理员权限可分级定义	有
			自定义告警信号阈值	电压、电流可调整
监测功能			级联功能	有、可级联4台产品
			负载电流监测	
			负载功率监测	
			电压监测	
			电能监测	
设置功能			环境温度、湿度监测	
			负载电流上、下限设置	
			环境温度、湿度上下限设置	
			邮件告警地址设置	
			SNMP(V1、V2C)设置	
告警功能	系统 告警	网络参数设置 (IP、网关、掩码、DNS)		
	自定义 告警	负载电流超过额定值时		
		温度、湿度超限值时		
	告警 方式	负载电流超过额定值时		
		温度、湿度超限值时		
		蜂鸣器蜂鸣		
		LCD数值闪烁		
访问方式	自动发送E-MAIL至系统管理员			
	SNMP发送Trap告警状态信息			
	串口通信后台发送告警状态信息			
	WEB通过IE访问控制			
用户管理	SNMP (V1) 通过标准网络管理工作站访问控制			
	用户号和密码设定			
环境	工作温度		-10~50℃	
	极限工作温度		-20~60℃	
	相对湿度		10~90%	
	存储运输极限温度		-40~70℃	
产品尺寸	148X44X48.2mm			

Parameter introduce

Performance parameters				Technical indicators	
Electrical parameters	Input optional	Single phase	Input voltage	176-264V	
			Maximum total load current	63A	
		Three phase	Input voltage	3*220V	
			Maximum total load current	3*63A	
	Output	Output voltage		176-264V	
		Output current		8A, optional high current 20A	
		Output port		Optional, magnetic latching relays up to 36 ports Optional, ordinary relays up to 12 ports	
Frequency		50Hz			
User interface		Display screen		TFT color screen	
		Operation buttons		Up, down, set, reset buttons	
		Communication interface		Ethernet * 1, RS485 * 2	
		Temperature and humidity interface		1 port	
Electrical parameter measurement and control function		Total PDU measurement		Voltage, current, power, electric energy	
		Measurement of each output		Voltage, current, power, electric energy	
		Each output can be remotely turned on/off		Yes	
		Customized power on/off timing and interval time for each output		Yes	
		Administrator permissions can be defined in different levels		Yes	
		Customize alarm signal thresholds		Voltage and current adjustable	
		Cascade function		Yes, 4 meters can be cascaded	
Monitoring function		Load current monitoring			
		Load power monitoring			
		Voltage monitoring			
		Electric energy monitoring			
		Ambient temperature and humidity monitoring			
Setting the function		Load current upper and lower limit settings			
		Ambient temperature and humidity upper and lower limit settings			
		Email alarm address settings			
		SNMP (V1, V2C) settings			
		Network parameter settings (IP, gateway, mask, DNS)			
Alarm function	System alerts	When the load current exceeds the rated value			
		When the temperature and humidity exceed the limit			
	Custom alerts	When the load current exceeds the rated value			
		When the temperature and humidity exceed the limit			
	Alerts way	Buzzer beeps			
		LCD value flashes			
		Automatically send E-mail to the system administrator			
		SNMP sends Trap alarm status information			
Access method		Serial communication background sends alarm status information			
User Management		User ID and password settings			
Environment		Operating temperature		-10 ~ 50℃	
		Extreme operating temperature		-20 ~ 60℃	
		Relative humidity		10 ~ 90%	
		Storage and transportation extreme temperature		-40 ~ 70℃	
Product size		148X44X48.2mm			

接线示意图/Wiring diagram



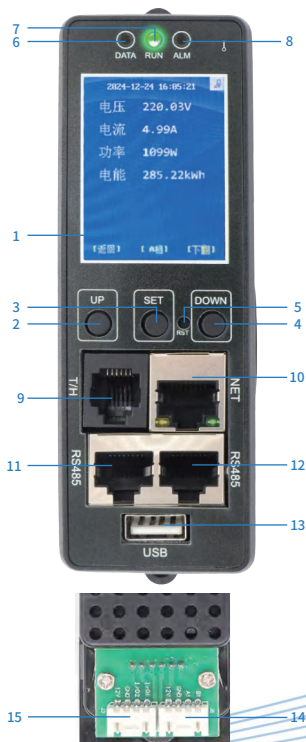
SINGLE-PHASE IP PDU METER
单相智能IP PDU表头



单相智能IP表头面板示意图

标识	项目	参数	
①	液晶显示屏	显示方式	TFT屏
		显示内容	仪表信息
		显示方向	水平
		刷新时间	1秒
		无操作下背光5分钟后熄灭	
②	UP	上翻键,翻页、闪烁位右移、返回测量页	
③	SET	设置键,设置菜单、设置项确认、保存	
④	DOWN	下翻键,显示翻页、闪烁位数值递减	
⑤	RST	复位键,短按重启	
⑥	DATA	通讯灯,黄色、级联通讯时闪烁	
⑦	RUN	运行灯,翠绿色、系统运行时闪烁	
⑧	ALM	报警灯,红色、告警时闪烁	
⑨	T/H	温湿传感器检测口	
⑩	NET	以太网口,连接网络、远程访问	
⑪⑫	RS485	级联、参数配置	
⑬	USB	软件升级	
⑭	电源和RS485	连接继电器计量控制板	
⑮	I/O口	2路I/O口,功能可定制	

注:提供二次开发接口;SNMP(V1/V2C)。



Single-phase IP PDU meter panel display

No.	Item	Parameter	
①	LCD display	Display mode	TFT color screen
		Display content	Meter information
		Display direction	Horizontal
		Refresh time	1 second
		The backlight turns off after 5 minutes without any operation	
②	UP key	Turn the page, move the flashing position to the right, return to the measurement page	
③	SET	Set Key, Set menu, confirm setting items, save	
④	DOWN	Down key, Display page turning, flashing digit value decreasing	
⑤	RST	Reset key, Short press to restart	
⑥	DATA	Communication light, Yellow, flashing during cascade communication	
⑦	RUN	Running light, Emerald green, flashing when the system is running	
⑧	ALM	Warning light, Red, flashing when in alarm	
⑨	T/H	Temperature and humidity port, Temperature and humidity sensor detection port	
⑩	NET	Ethernet port, Network connection, remote access	
⑪⑫	RS485	Cascade, parameter configuration	
⑬	USB	Software upgrade	
⑭	Power and RS485	Connecting relay metering control board	
⑮	I/O Port	2-channel I/O ports, functions can be customized	

Note: Provide secondary development interface . SNMP (V1/V2c).

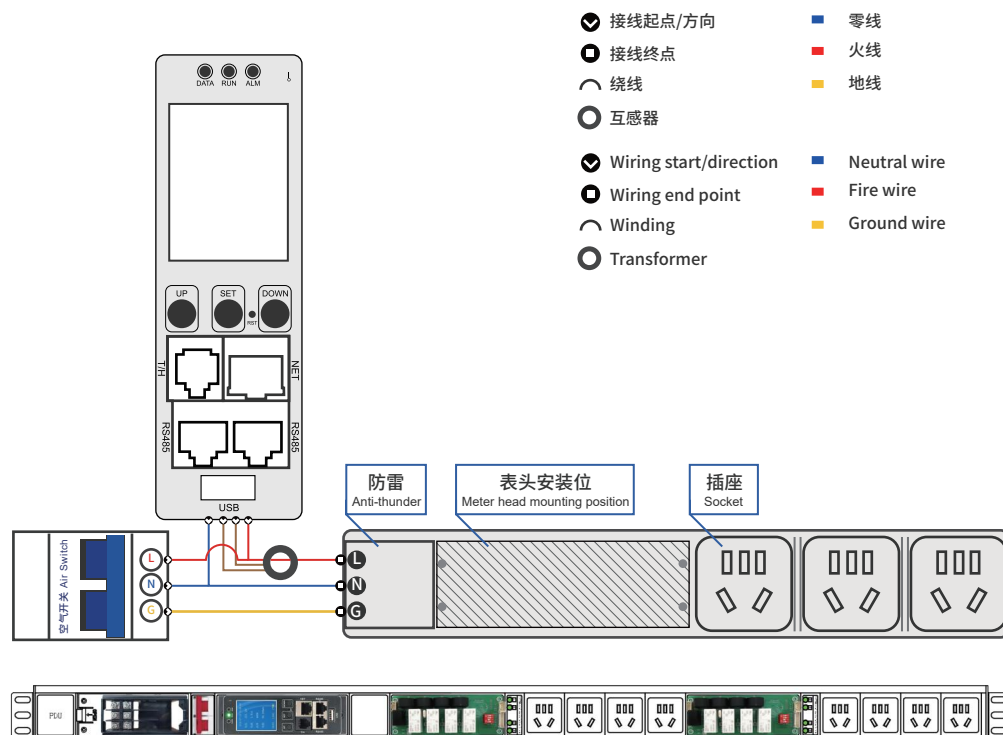
参数简介

性能参数			技术指标	
电气参数	输入 可选	单相	176-264V	
			最大总负载电流	63A
		三相	输入电压	3*220V
			最大总负载电流	3*63A
	输出	输出电压	176-264V	
		输出电流	8A, 可选大电流20A	
		输出位数	可选, 磁保持继电器最大36位	
用户界面		频率	可选, 普通继电器最大12位	
	显示屏	50Hz	TFT彩屏	
	操作按键		上翻、下翻、设置、复位键	
	通讯接口		以太网一个、RS485两个	
电参数测量 和控制功能	温度接口	1个		
	PDU总测量		电压、电流、功率、电能	
	每路输出测量		电压、电流、功率、电能	
	每路输出可远程开/关控制		有	
	自定义每路输出上/下电时序与间隔时间		有	
	管理员权限可分级定义		有	
监测功能	自定义告警信号阈值		电压、电流可调整	
	级联功能		有、可级联4台产品	
	负载电流监测			
	负载功率监测			
	电压监测			
设置功能	电能监测			
	环境温度、湿度监测			
	负载电流上、下限设置			
	环境温度、湿度上下限设置			
	邮件告警地址设置			
	SNMP(V1、V2C)设置			
告警功能	系统 告警	网络参数设置(IP、网关、掩码、DNS)		
		负载电流超过额定值时		
	自定义 告警	温度、湿度超限值时		
		负载电流超过额定值时		
	告警 方式	温度、湿度超限值时		
		蜂鸣器蜂鸣		
		LCD数值闪烁		
		自动发送E-MAIL至系统管理员		
访问方式	SNMP发送Trap告警状态信息			
	串口通信后台发送告警状态信息			
访问方式	WEB通过IE访问控制			
用户管理	SNMP(V1)通过标准网络管理工作站访问控制			
	用户号和密码设定			
环境	工作温度	-10~50℃		
	极限工作温度	-20~60℃		
	相对湿度	10~90%		
	存储运输极限温度	-40~70℃		
产品尺寸	148X44X48.2mm			

Parameter introduce

Performance parameters				Technical indicators	
Electrical parameters	Input optional	Single phase	Input voltage	176-264V	
			Maximum total load current	63A	
		Three phase	Input voltage	3*220V	
			Maximum total load current	3*63A	
	Output	Output voltage		176-264V	
		Output current		8A, optional high current 20A	
		Output port		Optional, magnetic latching relays up to 36 ports Optional, ordinary relays up to 12 ports	
Frequency		50Hz			
User interface		Display screen		TFT color screen	
		Operation buttons		Up, down, set, reset buttons	
		Communication interface		Ethernet * 1, RS485 * 2	
		Temperature and humidity interface		1 port	
Electrical parameter measurement and control function		Total PDU measurement		Voltage, current, power, electric energy	
		Measurement of each output		Voltage, current, power, electric energy	
		Each output can be remotely turned on/off		Yes	
		Customized power on/off timing and interval time for each output		Yes	
		Administrator permissions can be defined in different levels		Yes	
		Customize alarm signal thresholds		Voltage and current adjustable	
		Cascade function		Yes, 4 meters can be cascaded	
Monitoring function		Load current monitoring			
		Load power monitoring			
		Voltage monitoring			
		Electric energy monitoring			
		Ambient temperature and humidity monitoring			
Setting the function		Load current upper and lower limit settings			
		Ambient temperature and humidity upper and lower limit settings			
		Email alarm address settings			
		SNMP (V1, V2C) settings			
		Network parameter settings (IP, gateway, mask, DNS)			
Alarm function	System alerts	When the load current exceeds the rated value			
		When the temperature and humidity exceed the limit			
	Custom alerts	When the load current exceeds the rated value			
		When the temperature and humidity exceed the limit			
	Alerts way	Buzzer beeps			
		LCD value flashes			
		Automatically send E-mail to the system administrator			
		SNMP sends Trap alarm status information			
Access method		Serial communication background sends alarm status information			
Access method		WEB access control through IE			
User Management		SNMP (V1) access control through standard network management workstation			
Environment		User ID and password settings			
		Operating temperature		-10 ~ 50℃	
		Extreme operating temperature		-20 ~ 60℃	
		Relative humidity		10 ~ 90%	
		Storage and transportation extreme temperature		-40 ~ 70℃	
Product size		148X44X48.2mm			

接线示意图/Wiring diagram

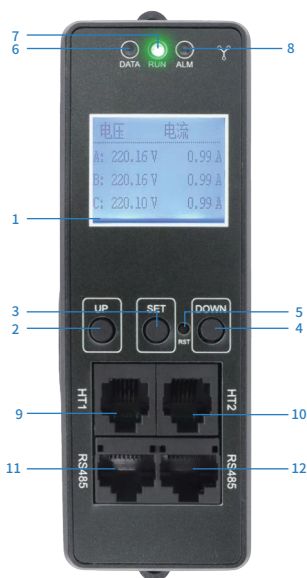


THREE-PHASE RS485 PDU METER
三相RS485 PDU表头



三相RS485 PDU表头面板示意图

标识	项目	参数	
①	液晶显示屏	显示方式	LCD屏
		显示内容	仪表信息
		显示方向	水平
		刷新时间	1秒
		按键操作时背光亮亮, 3分钟无操作背光熄灭	
②	UP	上翻键, 翻页、闪烁位右移	
③	SET	设置键, 设置菜单、设置项确认、保存	
④	DOWN	下翻键, 显示翻页、闪烁位数值递减	
⑤	RST	短按重启	
⑥	DATA	通讯灯, 黄色、通讯时闪烁	
⑦	RUN	运行灯, 绿色、系统运行时闪烁	
⑧	ALM	报警灯, 红色、告警时闪烁	
⑨	HT1	温湿度接口, 1路温湿传感器检测接口	
⑩	HT2	温湿度接口, 2路温湿传感器检测接口	
⑪⑫	RS485	通讯接口	



Three-phase RS485 PDU meter panel display

No.	Item	Parameter	
①	LCD display	Display mode	LCD screen
		Display content	Meter information
		Display direction	Adjustable
		Refresh time	1 second
		When the button is pressed, the backlight lights up. If there is no operation for 3 minutes, the backlight will turn off.	
②	UP	Up key, Turn the page, the flashing position moves right	
③	SET	Setting Key, Set menu, confirm setting items, save	
④	DOWN	Down key, Display page turning, flashing digit value decreasing	
⑤	RST	Reset button, Short press to restart	
⑥	DATA	Communication light, Yellow, flashing during communication	
⑦	RUN	Running light, Emerald green, flashing when the system is running	
⑧	ALM	Warning light, Red, always on when in alarm	
⑨	HT1	1-channel temperature and humidity sensor detection port	
⑩	HT2	2-channel temperature and humidity sensor detection port	
⑪⑫	RS485	Communication interface	

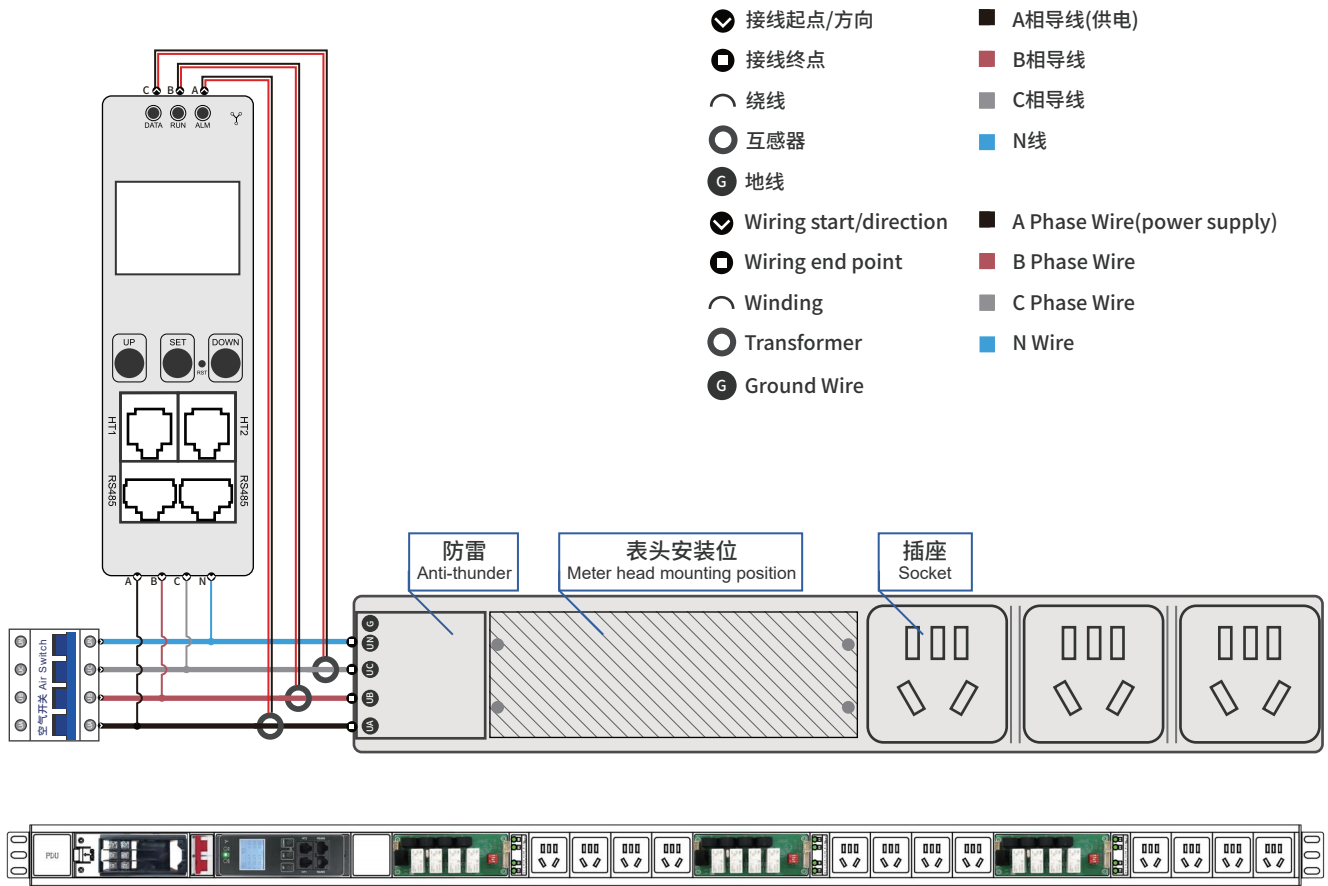
参数简介

性能参数			技术指标	
电气参数	输入可选	单相	输入电压	176-264V
			最大总负载电流	63A
		三相	输入电压	3*220V (A相供电)
			最大负载电流	3*63A
			频率	50Hz
用户界面		显示屏	黑白点阵屏	
		操作按键	上翻、下翻、设置、复位键	
		通讯接口	1路RS485、两个接口	
		温湿度接口	两个	
电参数测量		PDU总测量	电压、电流、功率、电能	
		每路输出测量	电压、电流、功率、电能	
		自定义告警信号阈值	电压、电流可调整	
监测功能		负载电流监测		
		负载功率监测		
		电压监测		
		电能用量监测(有功电能、无功电能)		
		环境温度、湿度监测		
设置功能		负载电流上限设置		
		电压上下限设置		
		中/英文切换		
告警功能	系统告警	负载电流超过额定值时		
	自定义告警	负载电流超过阈值值时		
		电压超过阈值时		
	告警方式	蜂鸣器蜂鸣		
串口通信功能	端口定义	标配两个RJ45接口(即RS485接口)		
	通讯协议	默认MODBUS RTU协议		
	波特率级联	默认:9600bps,可配置4800、19200、38400bps 支持RS485级联		
环境		工作温度	-10~50℃	
		极限工作温度	-20~60℃	
		相对湿度	10~90%	
		存储运输极限温度	-30~70℃	
产品尺寸	148X44X48.2mm			

Parameter introduce

Performance parameters				Technical indicators
Electrical parameters	Input optional	Single phase	Input voltage	176-264V
			Maximum total load current	63A
		Three phase	Input voltage	3*220V (Phase A power supply)
			Maximum load current	3*63A
			Frequency	
User interface		Display		Black and white dot matrix screen
		Operation buttons		Up, down, setting, reset button
		Communication interface		1-channel RS485(2 Interfaces)
		Temperature and humidity interface		2-channel
Electrical parameter measurement		PDU measurement		Voltage, current, power, electric energy
		Measurement of each output		Voltage, current, power, electric energy
		Customize alarm signal thresholds		Voltage and current adjustable
Monitoring function		Load current monitoring		
		Load power monitoring		
		Voltage monitoring		
		Power consumption monitoring (active power, reactive power)		
		Ambient temperature and humidity monitoring		
Setting the function		Load current upper limit setting		
		Voltage upper and lower limit settings		
		Chinese / English switch		
Alarm function	System alarm	When the load current exceeds the rated value		
	Custom alerts	When the load current exceeds the threshold value		
		When the voltage exceeds the threshold		
	Alarm method	Buzzer beeps		
Serial communication function	Port definition	Two RJ45 interfaces (RS485 interfaces) are standard		
	Communication protocol	Default MODBUS RTU protocol		
	Baud rate	Default: 9600bps, configurable 4800, 19200, 38400bps		
	cascade	Support RS485 cascade		
Environment		Operating temperature		-10~50℃
		Extreme operating temperature		-20~60℃
		Relative humidity		10~90%
		Storage and transportation temperature limit		-30~70℃
Product size		148X44X48.2mm		

接线示意图/Wiring diagram



SINGLE-PHASE RS485 PDU METER
单相RS485 PDU表头



单相RS485 PDU表头面板示意图

标识	项目	参数
①	液晶显示屏	显示方式
		LCD屏
		显示内容
		仪表信息
		显示方向
		水平
		刷新时间
		1秒
		按键操作时背光亮, 3分钟无操作背光亮熄灭
②	UP	上翻键, 翻页、闪烁位右移
③	SET	设置键, 设置菜单、设置项确认、保存
④	DOWN	下翻键, 显示翻页、闪烁位数值递减
⑤	RST	短按重启
⑥	DATA	通讯灯, 黄色、通讯时闪烁
⑦	RUN	运行灯, 绿色、系统运行时闪烁
⑧	ALM	报警灯, 红色、告警时闪烁
⑨	HT1	温湿度接口, 1路温湿传感器检测接口
⑩	HT2	温湿度接口, 2路温湿传感器检测接口
⑪⑫	RS485	通讯接口



Single-phase RS485 PDU meter panel display

No.	Item	Parameter
①	LCD display	Display mode
		LCD screen
		Display content
		Meter information
		Display direction
		Adjustable
		Refresh time
		1 second
		When the button is pressed, the backlight lights up. If there is no operation for 3 minutes, the backlight will turn off.
②	UP	Up key, Turn the page, the flashing position moves right
③	SET	Setting Key, Set menu, confirm setting items, save
④	DOWN	Down key, Display page turning , flashing digit value decreasing
⑤	RST	Reset button, Short press to restart
⑥	DATA	Communication light, Yellow, flashing during communication
⑦	RUN	Running light, Emerald green, flashing when the system is running
⑧	ALM	Warning light, Red, always on when in alarm
⑨	HT1	1-channel temperature and humidity sensor detection port
⑩	HT2	2-channel temperature and humidity sensor detection port
⑪⑫	RS485	Communication interface

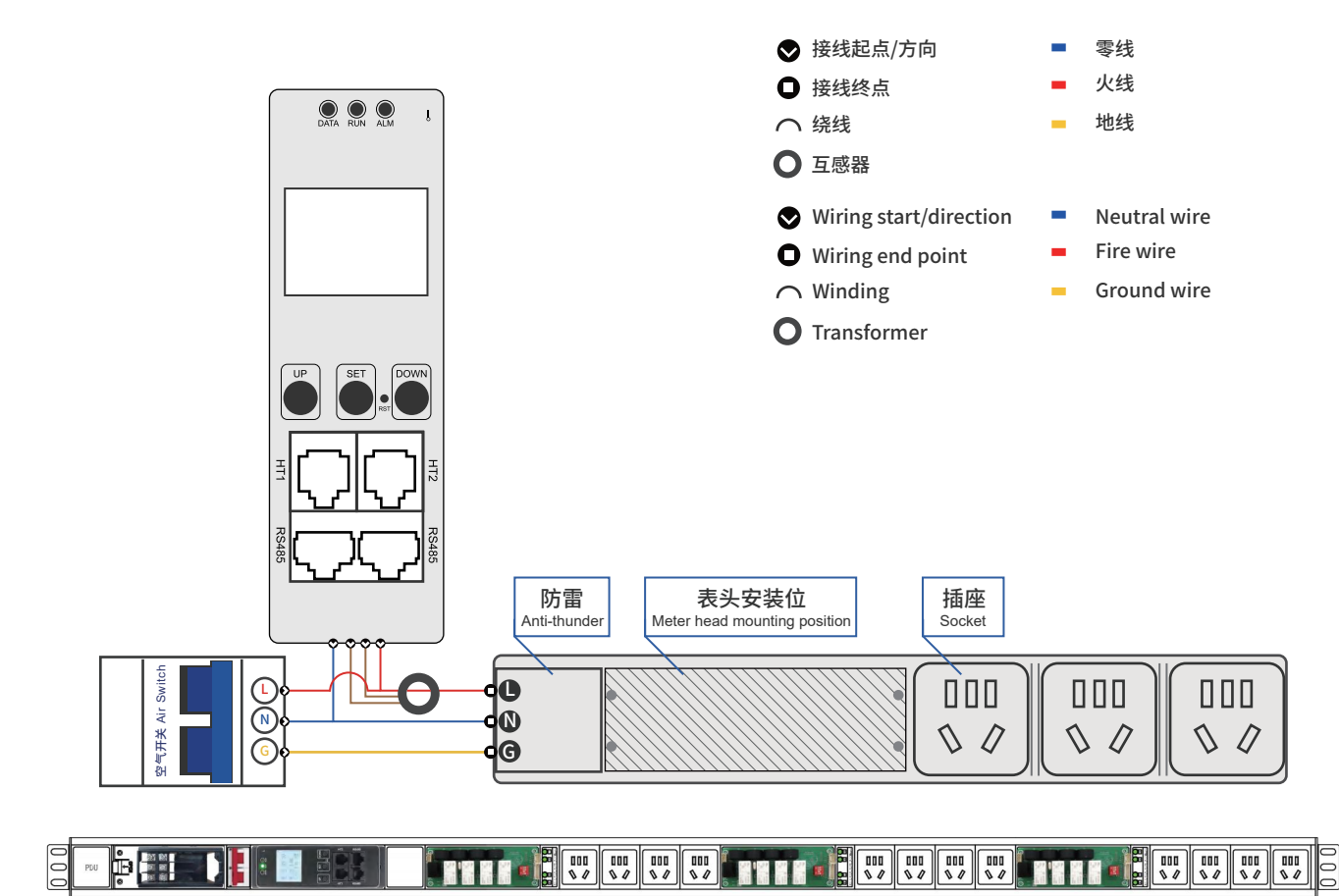
参数简介

性能参数			技术指标	
电气参数	输入可选	单相	输入电压	176-264V
			最大总负载电流	63A
		三相	输入电压	3*220V (A相供电)
			最大负载电流	3*63A
			频率	50Hz
用户界面	显示屏		黑白点阵屏	
	操作按键		上翻、下翻、设置、复位键	
	通讯接口		1路RS485、两个接口	
	温湿度接口		两个	
电参数测量	PDU总测量		电压、电流、功率、电能	
	每路输出测量		电压、电流、功率、电能	
	自定义告警信号阈值		电压、电流可调整	
监测功能	负载电流监测			
	负载功率监测			
	电压监测			
	电能用量监测(有功电能、无功电能)			
	环境温度、湿度监测			
设置功能	负载电流上限设置			
	电压上下限设置			
	中/英文切换			
告警功能	系统告警	负载电流超过额定值时		
	自定义告警	负载电流超过阈值时		
		电压超过阈值时		
	告警方式	蜂鸣器蜂鸣		
串口通信功能	端口定义	标配两个RJ45接口(即RS485接口)		
	通讯协议	默认MODBUS RTU协议		
	波特率级联	默认:9600bps,可配置4800、19200、38400bps 支持RS485级联		
环境	工作温度		-10~50℃	
	极限工作温度		-20~60℃	
	相对湿度		10~90%	
	存储运输极限温度		-30~70℃	
产品尺寸	148X44X48.2mm			

Parameter introduce

Performance parameters			Technical indicators
Electrical parameters	Input optional	Single phase	Input voltage
			Maximum total load current
		Three phase	Input voltage
			Maximum load current
			Frequency
User interface	Display		Black and white dot matrix screen
	Operation buttons		Up, down, setting, reset button
	Communication interface		1-channel RS485(2 Interfaces)
	Temperature and humidity interface		2-channel
	PDU measurement		Voltage, current, power, electric energy
Electrical parameter measurement	Measurement of each output		Voltage, current, power, electric energy
	Customize alarm signal thresholds		Voltage and current adjustable
Monitoring function	Load current monitoring		
	Load power monitoring		
	Voltage monitoring		
	Power consumption monitoring (active power, reactive power)		
	Ambient temperature and humidity monitoring		
Setting the function	Load current upper limit setting		
	Voltage upper and lower limit settings		
	Chinese / English switch		
Alarm function	System alarm	When the load current exceeds the rated value	
	Custom alerts	When the load current exceeds the threshold value	
	Alarm method	Buzzer beeps	
Serial communication function	Port definition	Two RJ45 interfaces (RS485 interfaces) are standard	
	Communication protocol	Default MODBUS RTU protocol	
	Baud rate	Default: 9600bps, configurable 4800, 19200, 38400bps	
	cascade	Support RS485 cascade	
Environment	Operating temperature		-10~50℃
	Extreme operating temperature		-20~60℃
	Relative humidity		10~90%
	Storage and transportation temperature limit		-30~70℃
Product size	148X44X48.2mm		

接线示意图/Wiring diagram



JSY-MK-360T

THREE-PHASE PDU METER
三相PDU电流表



三相PDU电流表面板示意图

标识	项目	参数	
①	液晶显示屏	显示方式	LCD屏
		显示内容	仪表信息
		显示方向	水平
		刷新时间	1秒
		按键操作时背光点亮, 3分钟无操作背光熄灭	
②	UP	上翻键, 翻页、闪烁位右移	
③	SET	设置键, 设置菜单、设置项确认、保存	
④	DOWN	下翻键, 显示翻页、闪烁位数值递减	
⑤	RST	短按重启	
⑥	DATA	通讯灯, 黄色、通讯时闪烁	
⑦	RUN	运行灯, 绿色、系统运行时闪烁	
⑧	ALM	报警灯, 红色、告警时闪烁	



Three-phase PDU meter panel display

No.	Item	Parameter	
①	LCD display	Display mode	LCD screen
		Display content	Meter information
		Display direction	Adjustable
		Refresh time	1 second
		When the button is pressed, the backlight lights up. If there is no operation for 3 minutes, the backlight will turn off.	
②	UP	Up key, Turn the page, the flashing position moves right	
③	SET	Setting Key, Set menu, confirm setting items, save	
④	DOWN	Down key, Display page turning, flashing digit value decreasing	
⑤	RST	Reset button, Short press to restart	
⑥	DATA	Communication light, Yellow, flashing during communication	
⑦	RUN	Running light, Emerald green, flashing when the system is running	
⑧	ALM	Warning light, Red, always on when in alarm	

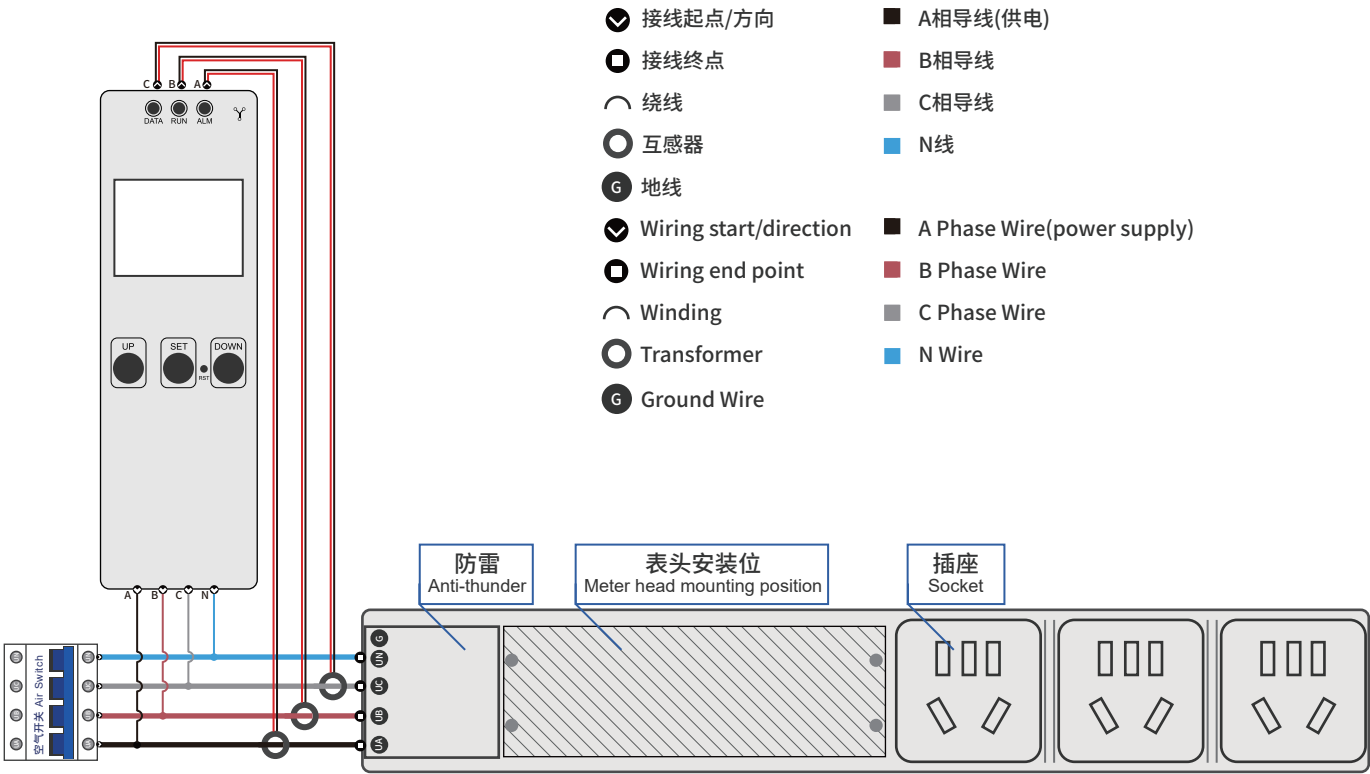
参数简介

性能参数			技术指标	
电气参数	输入可选	单相	输入电压	176-264V
			最大总负载电流	63A
		三相	输入电压	3*220V (A相供电)
			最大负载电流	3*63A
			频率	50Hz
用户界面		显示屏	黑白点阵屏	
		操作按键	上翻、下翻、设置、复位键	
电参数测量		PDU总测量	电压、电流、功率、电能	
		自定义告警信号阈值	电压、电流可调整	
监测功能		负载电流监测		
		负载功率监测		
		电压监测		
		电能用量监测(有功电能、无功电能)		
		环境温度、湿度监测		
设置功能		负载电流上限设置		
		电压上下限设置		
		中/英文切换		
告警功能	系统告警	负载电流超过额定值时		
	自定义告警	负载电流超过阈值时		
		电压超过阈值时		
	告警方式	蜂鸣器蜂鸣		
环境		工作温度	-10~50℃	
		极限工作温度	-20~60℃	
		相对湿度	10~90%	
		存储运输极限温度	-30~70℃	
产品尺寸		148X44X48.2mm		

Parameter introduce

Performance parameters				Technical indicators	
Electrical parameters	Input optional	Single phase	Input voltage	176-264V	
			Maximum total load current	63A	
		Three phase	Input voltage	3*220V (Phase A power supply)	
			Maximum load current	3*63A	
			Frequency	50Hz	
User interface		Display		Black and white dot matrix screen	
		Operation buttons		Up, down, setting, reset button	
Electrical parameter measurement		PDU measurement		Voltage, current, power, electric energy	
		Customize alarm signal thresholds		Voltage and current adjustable	
Monitoring function		Load current monitoring			
		Load power monitoring			
		Voltage monitoring			
		Power consumption monitoring (active power, reactive power)			
		Ambient temperature and humidity monitoring			
Setting the function		Load current upper limit setting			
		Voltage upper and lower limit settings			
		Chinese / English switch			
Alarm function	System alarm	When the load current exceeds the rated value			
	Custom alerts	When the load current exceeds the threshold value When the voltage exceeds the threshold			
	Alarm method	Buzzer beeps			
Environment		Operating temperature		-10~50℃	
		Extreme operating temperature		-20~60℃	
		Relative humidity		10~90%	
		Storage and transportation temperature limit		-30~70℃	
Product size		148X44X48.2mm			

接线示意图/Wiring diagram



JSY1095D

SINGLE-PHASE PDU METER
单相PDU电流表



单相PDU电流表面板示意图

标识	项目	参数	
①	液晶显示屏	显示方式	LCD屏
		显示内容	仪表信息
		显示方向	水平
		刷新时间	1秒
		背光默认常亮	
②	UP	上翻键, 翻页、闪烁位右移	
③	SET	设置键, 设置菜单、设置项确认、保存	
④	DOWN	下翻键, 显示翻页、闪烁位数值递减	
⑤	RST	短按重启	
⑥	DATA	通讯灯, 黄色、通讯时闪烁	
⑦	RUN	运行灯, 绿色、系统运行时闪烁	
⑧	ALM	报警灯, 红色、告警时闪烁	



Single-phase PDU meter panel display

No.	Item	Parameter	
①	LCD display	Display mode	LCD screen
		Display content	Meter information
		Display direction	Adjustable
		Refresh time	1 second
		When the button is pressed, the backlight lights up. If there is no operation for 3 minutes, the backlight will turn off.	
②	UP	Up key, Turn the page, the flashing position moves right	
③	SET	Setting Key, Set menu, confirm setting items, save	
④	DOWN	Down key, Display page turning , flashing digit value decreasing	
⑤	RST	Reset button, Short press to restart	
⑥	DATA	Communication light, Yellow, flashing during communication	
⑦	RUN	Running light, Emerald green, flashing when the system is running	
⑧	ALM	Warning light, Red, always on when in alarm	

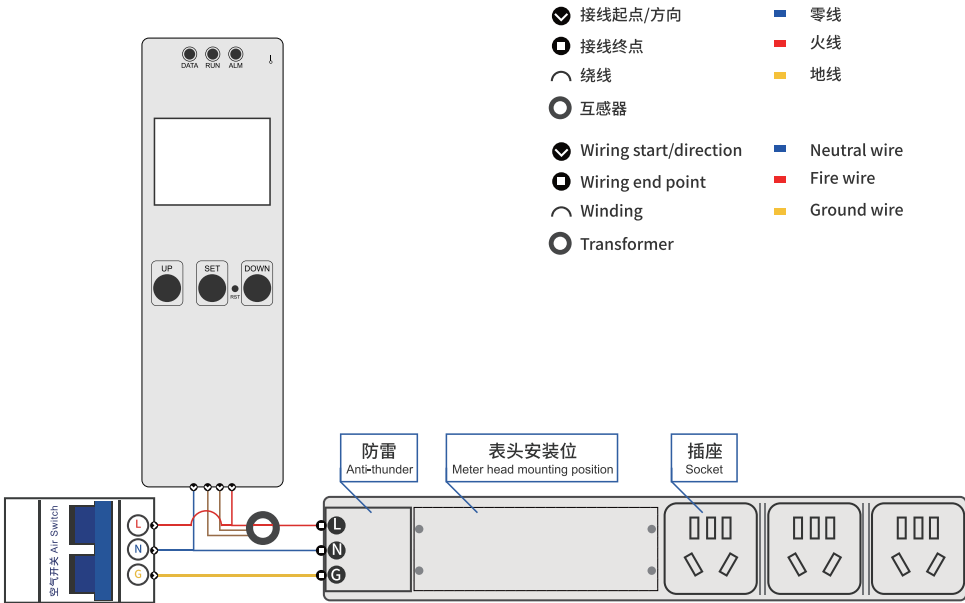
参数简介

性能参数			技术指标
电气参数	输入可选	单相	输入电压
			176-264V
			最大总负载电流
			63A
		三相	输入电压
			3*220V (A相供电)
			最大负载电流
			3*63A
			频率
			50Hz
用户界面		显示屏	黑白点阵屏
		操作按键	上翻、下翻、设置、复位键
电参数测量		PDU总测量	电压、电流、功率、电能
		自定义告警信号阈值	电压、电流可调整
监测功能		负载电流监测	
		负载功率监测	
		电压监测	
		电能用量监测 (有功电能、无功电能)	
		环境温度、湿度监测	
设置功能		负载电流上限设置	
		电压上下限设置	
		中/英文切换	
告警功能	系统告警	负载电流超过额定值时	
	自定义告警	负载电流超过阈值时	
		电压超过阈值时	
	告警方式	蜂鸣器蜂鸣	
环境		工作温度	-10~50℃
		极限工作温度	-20~60℃
		相对湿度	10~90%
		存储运输极限温度	-30~70℃
产品尺寸	148X44X48.2mm		

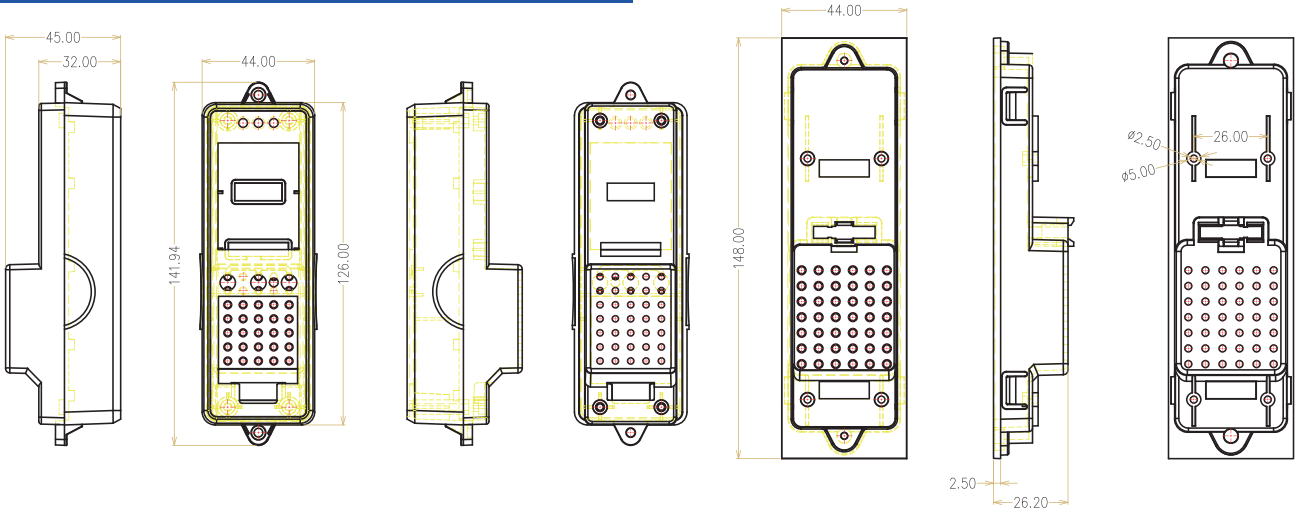
Parameter introduce

Performance parameters			Technical indicators
Electrical parameters	Input optional	Single phase	Input voltage
			176-264V
			Maximum total load current
			63A
		Three phase	Input voltage
			3*220V (Phase A power supply)
			Maximum load current
			3*63A
			Frequency
			50Hz
User interface	Display	Operation buttons	Black and white dot matrix screen
			Up, down, setting, reset button
Electrical parameter measurement	PDU measurement	Customize alarm signal thresholds	Voltage, current, power, electric energy
			Voltage and current adjustable
Monitoring function		Load current monitoring	
		Load power monitoring	
		Voltage monitoring	
		Power consumption monitoring (active power, reactive power)	
		Ambient temperature and humidity monitoring	
Setting the function		Load current upper limit setting	
		Voltage upper and lower limit settings	
		Chinese / English switch	
Alarm function	System alarm	When the load current exceeds the rated value	
	Custom alerts	When the load current exceeds the threshold value	
		When the voltage exceeds the threshold	
	Alarm method	Buzzer beeps	
Environment		Operating temperature	-10~50℃
		Extreme operating temperature	-20~60℃
		Relative humidity	10~90%
		Storage and transportation temperature limit	-30~70℃
Product size	148X44X48.2mm		

接线示意图/Wiring diagram



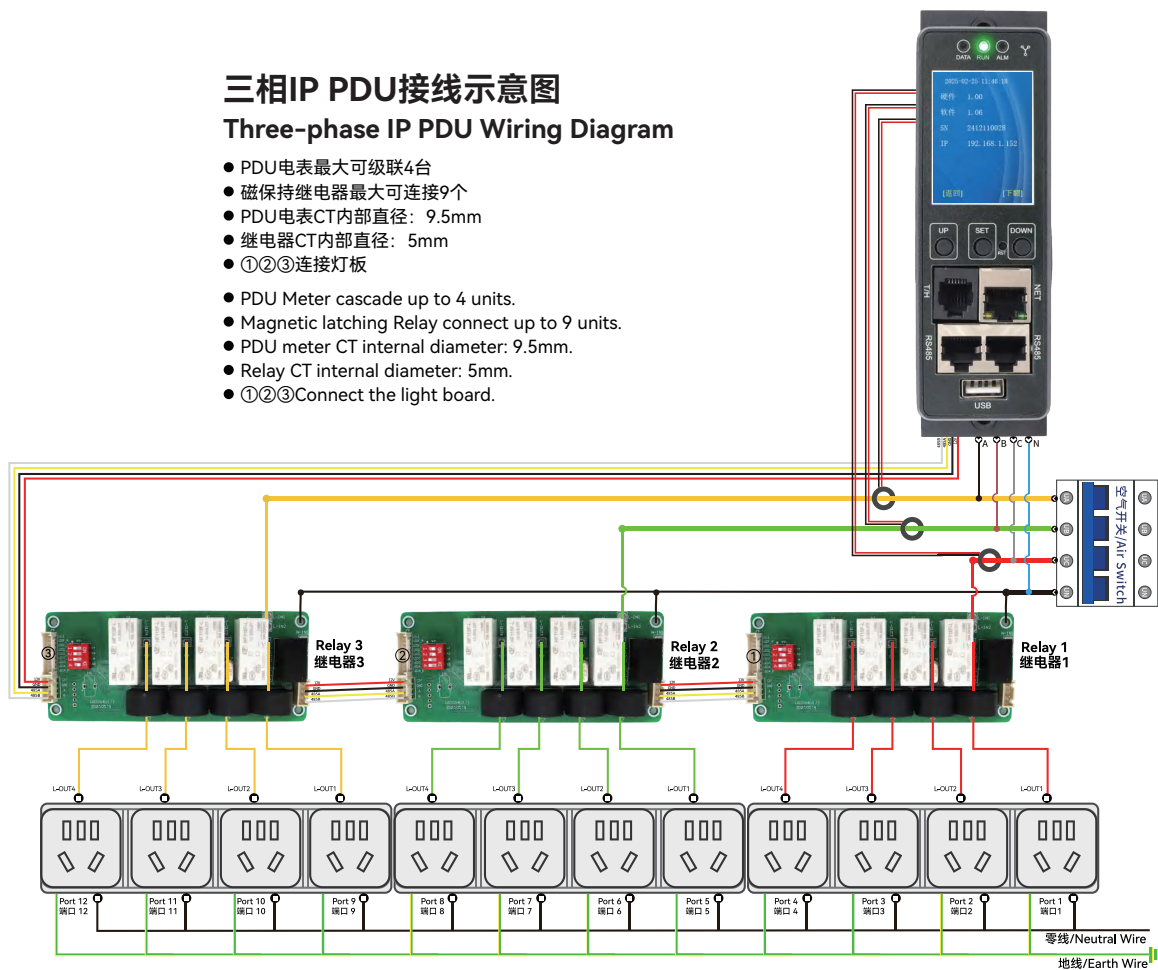
PDU表头尺寸/PDU Meter size



三相IP PDU接线示意图

Three-phase IP PDU Wiring Diagram

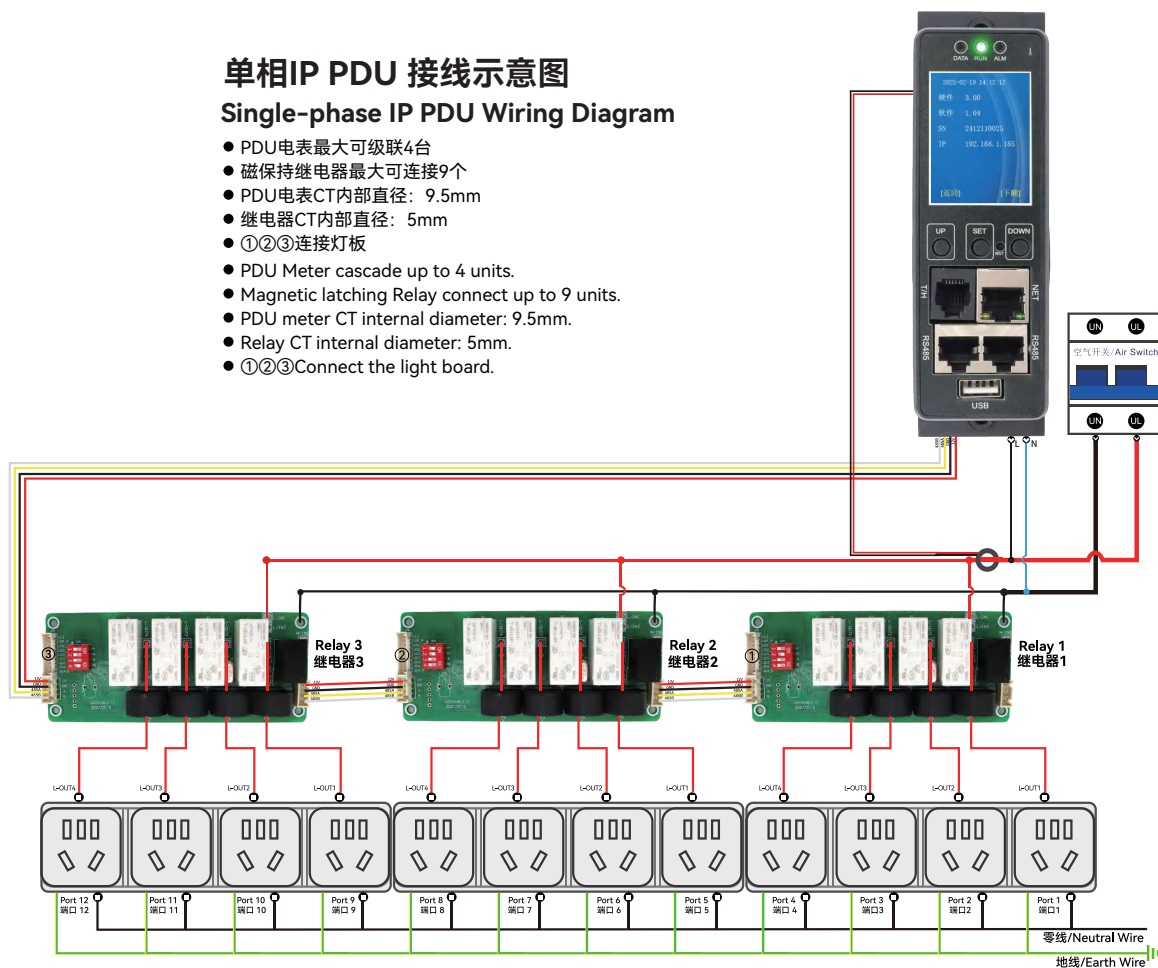
- PDU电表最大可级联4台
- 磁保持继电器最大可连接9个
- PDU电表CT内部直径：9.5mm
- 继电器CT内部直径：5mm
- ①②③连接灯板
- PDU Meter cascade up to 4 units.
- Magnetic latching Relay connect up to 9 units.
- PDU meter CT internal diameter: 9.5mm.
- Relay CT internal diameter: 5mm.
- ①②③Connect the light board.



单相IP PDU 接线示意图

Single-phase IP PDU Wiring Diagram

- PDU电表最大可级联4台
- 磁保持继电器最大可连接9个
- PDU电表CT内部直径：9.5mm
- 继电器CT内部直径：5mm
- ①②③连接灯板
- PDU Meter cascade up to 4 units.
- Magnetic latching Relay connect up to 9 units.
- PDU meter CT internal diameter: 9.5mm.
- Relay CT internal diameter: 5mm.
- ①②③Connect the light board.



02

继电器控制板

RELAY CONTROL MODULE

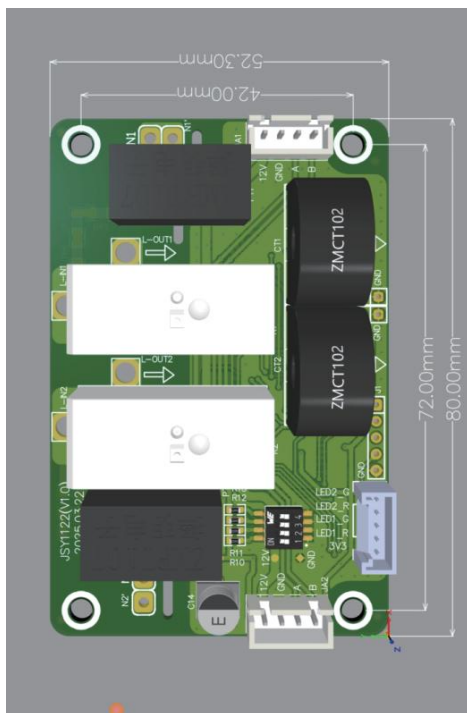
JSY1122 (二路继电器控制板)
JSY1122, 2-channel relay control module

JSY1123 (三路继电器控制板)
JSY1123, 3-channel relay control module

JSY1054 (四路继电器控制板)
JSY1054, 4-channel relay control module

JSY1084 (四路继电器控制板)
JSY1084, 4-channel relay control module

2回路继电器控制模块 2-CHANNEL RELAY CONTROL MODULE



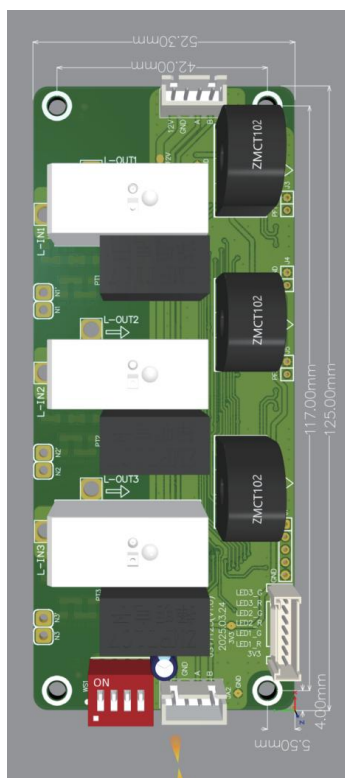
尺寸图
Dimensional drawing



JSY1122

- 单相220V交流输入
Single-phase 220V AC input
- 2路16A电流检测
2-channel 16A current detection
- 2路16A磁保持继电器控制
2-channel 16A magnetic retention relay control
- 2路指示灯输出
2-channel indicator output
- 精度: $\pm 1\%$
Accuracy: $\pm 1\%$

3回路继电器控制模块 3-CHANNEL RELAY CONTROL MODULE



尺寸图
Dimensional drawing



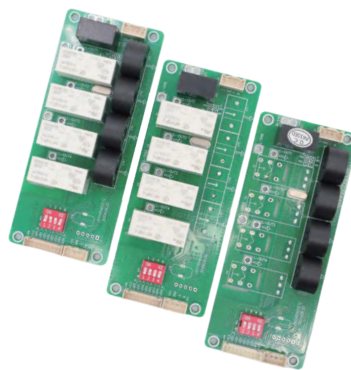
JSY1123

- 单相220V交流输入
Single-phase 220V AC input
- 3路16A电流检测
3-channel 16A current detection
- 3路16A磁保持继电器控制
3-channel 16A magnetic retention relay control
- 3路指示灯输出
3-channel indicator output
- 精度: $\pm 1\%$
Accuracy: $\pm 1\%$

4回路继电器控制模块 4-CHANNEL RELAY CONTROL MODULE



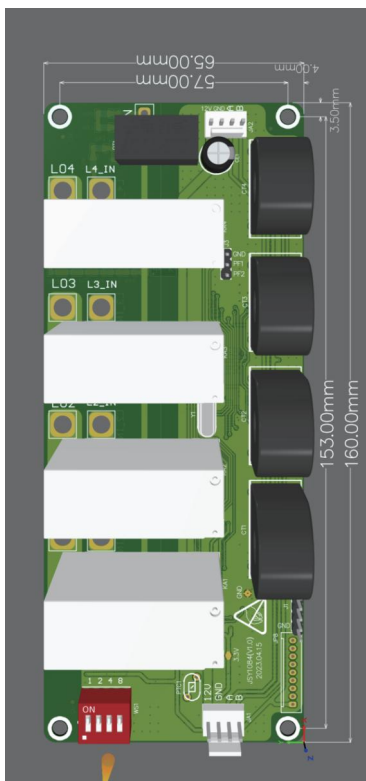
尺寸图
Dimensional drawing



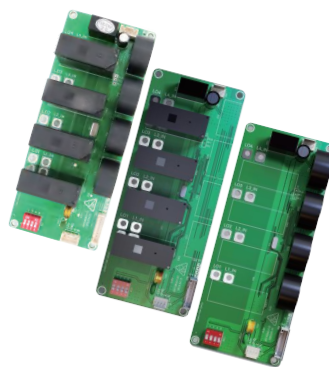
JSY1054

- 单相220V交流输入
Single-phase 220V AC input
- 4路16A电流检测
4-channel 16A current detection
- 4路16A磁保持继电器控制
4-channel 16A magnetic retention relay control
- 4路指示灯输出
4-channel indicator output
- 精度: $\pm 1\%$
Accuracy: $\pm 1\%$

4回路大功率继电器控制模块 4-CHANNEL HIGH POWER RELAY CONTROL MODULE



尺寸图
Dimensional drawing



JSY1084

- 单相220V交流输入
Single-phase 220V AC input
- 4路50A电流检测
4-channel 50A current detection
- 4路50A磁保持继电器控制
4-channel 50A magnetic retention relay control
- 4路指示灯输出
4-channel indicator output
- 精度: $\pm 1\%$
Accuracy: $\pm 1\%$



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