



SHENZHEN YULIAN



800H系列产品选型手册 800-H Series Product Selection Manual

深圳市宇联科技有限公司
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公司介绍

Company Introduction

深圳市宇联科技有限公司（简称：宇联）成立于2008年，国家高新技术企业、创新型企业、省专精特新企业。

公司专注于工业智能控制系统、智慧数字化产线解决方案以及工业“云”互联技术装备的研发、制造与销售，致力于为客户提供全面、高效的解决方案。多系列的分布式IO系统、总线温控产品、工业RFID系统、冗余控制器、无线通信、工业通信网关、触控一体机，运控类（总线变频器、总线低压伺服），智慧互联工业解决方案（物联网控制器、“云”数据监控系统、APP、工业SCADA监控软件）等。

高研发投入不仅推动了公司产品的快速迭代和创新，也使其在市场上取得了显著的成绩。其分布式IO系列产品在市场上具有极高的占有率和行业好评，根据国内某权威机构评估，2022、2023年度行业占用率位居全国前三。公司拥有两大生产基地，三个办公地点，占地总面积达到8500平方米，配备了5台高性能进口贴片机，完全实现自主贴片和制造全流程管理，为产品的及时交付和品控提供了有力的保障。

Founded in 2008, Shenzhen Yulian Technology Co., Ltd. (hereinafter referred to as Huamao Oute) is a national high-tech enterprise, an innovative enterprise, and a provincial specialized and special new enterprise.

The company focuses on the R&D, manufacturing and sales of industrial intelligent control systems, intelligent digital production line solutions and industrial "cloud" interconnection technology and equipment, and is committed to providing customers with comprehensive and efficient solutions. A wide range of distributed IO systems, bus temperature control products, industrial RFID systems, redundant controllers, wireless communications, industrial communication gateways, touch all-in-one machines, operation control (bus inverters, bus low-voltage servo), intelligent interconnection industrial solutions (Internet of Things controllers, "cloud" data monitoring systems, APP, industrial SCADA monitoring software), etc.

High R&D investment not only promotes the rapid iteration and innovation of the company's products, but also makes it achieve remarkable results in the market. Its distributed IO series products have a very high market share and industry praise in the market, and according to the evaluation of a domestic authoritative organization, the industry occupancy rate in 2022 and 2023 ranks among the top three in the country. The company has two production bases, three office locations, covering a total area of 8,500 square meters, equipped with 5 high-performance imported placement machines, fully realizing the whole process management of independent placement and manufacturing, providing a strong guarantee for the timely delivery and quality control of products.



以匠心与您共创价值!

Create value with you with ingenuity!

我们以提供高质量的产品和优质的服务作为公司发展的根本，严格的品质管理系统是产品品质的保障，快速响应的技术服务是我们坚实的后盾，高素质的市场团队使我们能够紧贴客户，并成为您可以信赖的合作伙伴。

We take providing high-quality products and high-quality services as the foundation of the company's development, strict quality management system is the guarantee of product quality, rapid response technical service is our solid backing, and high-quality marketing team enables us to stay close to customers and become a partner you can trust.

产品家族--拓扑结构

Product family diagram

分布式云 平台

Cloud platform



维护&管理
Maintenance & Management

控制层

Control layer



中型控制器
Medium-sized controllers



高性能控制器
High-performance controller

通信网关

Gateways



通信网关
Communication gateways

现场层

Field layer



三段式热插拔I/O
AU7 3000



卡片式I/O
AU7 800H



高防护I/O
IP67&IO-Link

执行层

Execution layer



总线阀岛
Bus valve terminal



现场型执行模块
Field-based execution module



工业RFID
RFID



数据采集

Data acquisition

MQTT
OPC UA



冗余控制器

Redundant controllers



触控一体机

All-in-one machine



专用型交换机

Private branch exchanges



网管型交换机

Managed switches



工业通用型交换机

Industrial switches



立式I/O

AU7 500S & AU7 500E & AU7 500X



卧式I/O

AU7 500

总线温控

Bus thermostat



总线变频器

Bus inverter



端子台模块

Terminal block module



执行器/传感器

Actuators/Sensors

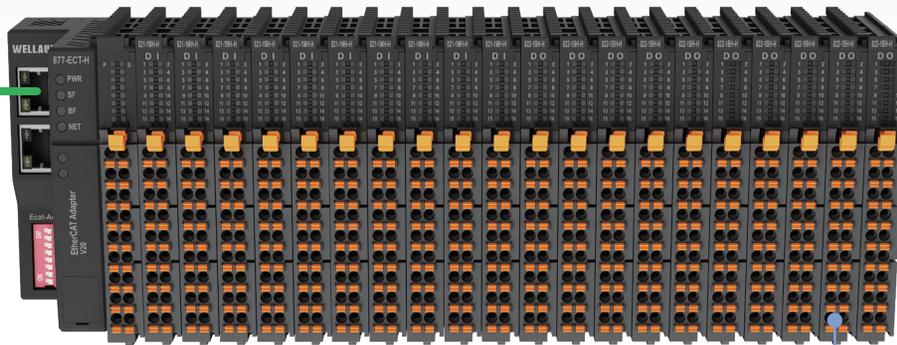
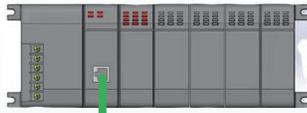


通用耦合器

Universal adapter

支持多种主流总线协议

It supports a variety of mainstream bus protocols



可连接执行器、传感器等多种执行层设备

It can be connected to a variety of actuator level devices such as actuators and sensors



产品特点 Features

EtherCAT



- 支持环网冗余
- 支持网络热连接
- 支持拨码设置站地址
- 可扩展32个IO模块
(992DI/992DO/128AI/128AO)
- 支持D-Code航插接头
- 通过CoE可设置/查询模块信息

- Ring network redundancy is supported
- Supports network hot connections
- Support dial setting station address
- Expandable with 32 IO modules
(992DI/992DO/128AI/128AO)
- Support D-Code flight plug connector
- Module information can be set and queried through CoE

PROFINET



- 支持RT、环网冗余
- 支持网络热连接
- 自带复位按钮
- 可扩展32个IO模块
(992DI/992DO/128AI/128AO)
- 支持D-Code航插接头

- Support Profinet-RT and ring network redundancy
- Supports network hot connections
- The adapter comes with a reset button
- Expandable with 32 IO modules
(992DI/992DO/128AI/128AO)
- Support D-Code flight plug connector

CC-Link IE Basic



- 支持拨码或网页设置IP地址
- 支持网络热连接
- 可扩展16个IO模块
(256DI/256DO/112AI/112AO)
- 站数灵活可设置
- 自带复位按钮

- Support dialing or web page setting IP address
- Supports network hot connections
- Expandable with 16 IO modules
(256DI/256DO/112AI/112AO)
- The number of stations can be set flexibly
- The adapter comes with a reset button

CC-Link V2



- 通过拨码设置串口参数
- 支持网络热连接
- 可扩展16个IO模块
(224DI/224DO/32AI/29AO)
- 站数灵活可设置

- Set the serial port parameters by DIP code
- Supports network hot connections
- Expandable with 16 IO modules
(224DI/224DO/32AI/29AO)
- The number of stations can be set flexibly

产品特点 Features



- DB9通信接口，自适应传输速率
- 支持网络热连接
- 可扩展32个IO模块
(992D1/992D0/128A1/128A0)

- DB9 communication interface, adaptive transmission rate
- Supports network hot connections
- Expandable with 32 IO modules
(992D1/992D0/128A1/128A0)



- 支持拨码或网页设置IP地址
- 支持网络热连接
- 可扩展32个IO模块
(992D1/992D0/128A1/128A0)
- 可设置主站在STOP时扩展模块输出状态
- 自带复位按钮

- Support dialing or web page setting IP address
- Supports network hot connections
- Expandable with 32 IO modules
(992D1/992D0/128A1/128A0)
- Can set the output status of the expansion module when the master station is STOP
- The adapter comes with a reset button



- 支持拨码或网页设置IP地址
- 支持网络热连接
- 可扩展32个IO模块
(512D1/512D0/128A1/128A0)
- 支持Modbus-TCP或S7-TCP协议
- 自带复位按钮

- Support dialing or web page setting IP address
- Supports network hot connections
- Expandable with 32 IO modules
(512D1/512D0/128A1/128A0)
- Supports Modbus-TCP or S7-TCP protocols
- The adapter comes with a reset button

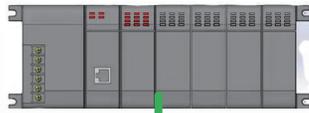


- 通过拨码设置串口参数
- 支持网络热连接
- 可扩展32个IO模块
(512D1/512D0/128A1/128A0)

- Set the serial port parameters by DIP code
- Supports network hot connections
- Expandable with 32 IO modules
(512D1/512D0/128A1/128A0)

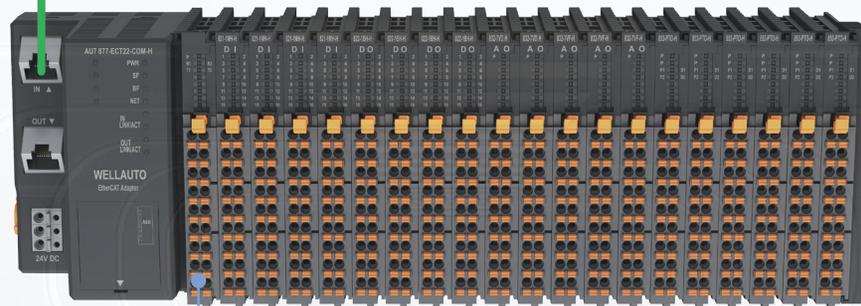
AU7-800-H功能型耦合器

AU7-800-H series functional adapters

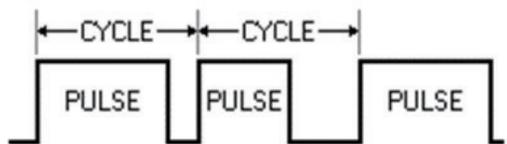


EtherCAT®

PROFINET



- 本体自带高速计数、脉冲输出、串口通信等功能
(所支持的功能分为不同订货号 / Order number)
- The adapter comes with functions such as high-speed counting, pulse output, and serial communication
(The supported functions are divided into different order numbers)



AU7-800-H系列扩展模块

AU7-800-H Series Expansion Module

快速拆线与接线

Quick strip and wiring



按压式免工具快速接线

Push-to-push, tool-free quick wiring



上下卡槽对齐，
往导轨方向轻推即可安装

Alignment of upper and lower card slots,
Gently push in the direction of the rail to install



产品型号丰富

The product model is abundant

大容量扩展，自由选配

Large-capacity expansion, free selection



刀片式结构

Blade construction

节省空间

Space-saving



PUSH-IN 可插拔端子

PUSH-IN pluggable terminals

高效装配

Efficient assembly

产品标识图

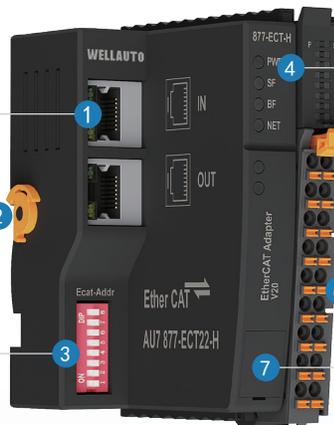
Product identification diagram

工业以太网接口
Industrial Ethernet interface

导轨卡扣
Rail snaps

地址配置拨码开关

The address is configured with a DIP switch



4 耦合器状态指示灯
Adapter status indicator

5 前连接器卡扣
Front connector snap

6 耦合器电源接线
Adapter power connector

7 升级维护窗口
Upgrade the maintenance window

产品尺寸图

Product Dimension Drawing

小耦合器尺寸图

Small adapter size drawing



大耦合器尺寸图

Large adapter size drawing



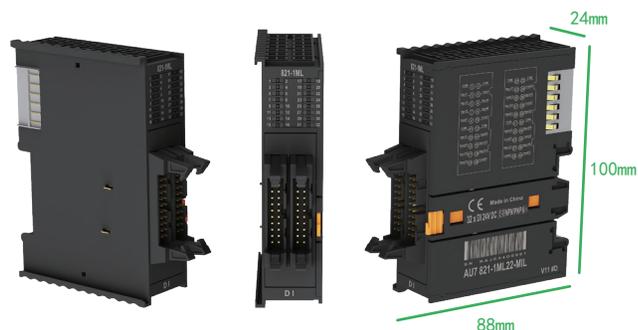
16点10尺寸图

16-point module size drawing



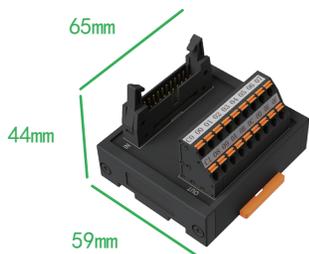
MIL模块尺寸图

Dimensions of the MIL module

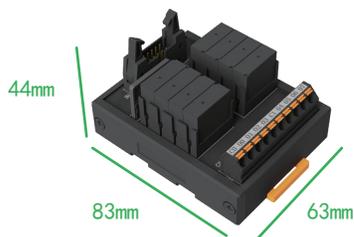


MIL端子台尺寸图

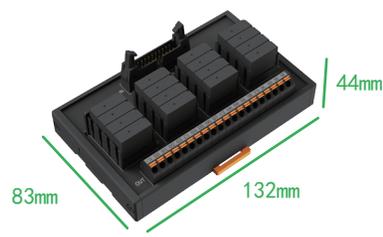
MIL terminal block dimension drawing



*AU7 MIL20-16



*AU7 MIL10-08R



*AU7 MIL10-08RH/AU7 MIL20-16R

AU7 800系列MIL扩展模块

AU7 800 Series MIL Expansion Module



AU7 821-1ML22-MIL

- 32DI
- PNP/NPN输入
PNP/NPN input
- MIL快速连接端子
MIL Quick Connect Terminals

AU7 822-1NL22-MIL

- 32DO
- 支持NPN类型
NPN output
- MIL快速连接端子
MIL Quick Connect Terminals
- 支持接到继电器模组
Support connection to relay module

AU7 823-1ML22-MIL

- 16DI, NPN/PNP
- 16DO, NPN
- MIL快速连接端子
MIL Quick Connect Terminals
- 支持接到继电器模组
Support connection to relay module

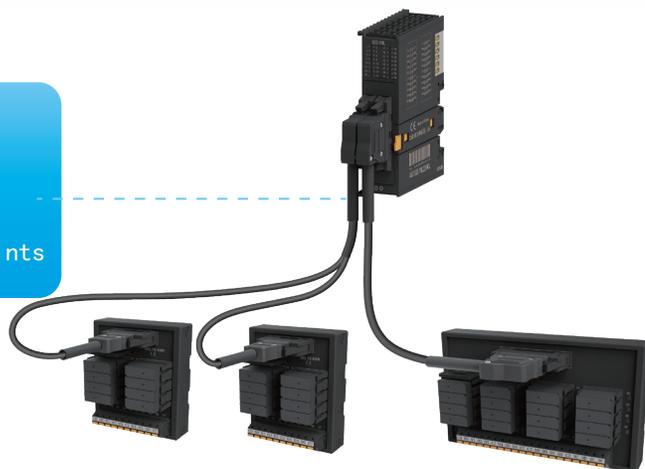
➤ MIL连接器，连线、快速高效
MIL connectors, wired, fast and efficient



AU7 800系列MIL扩展模块

AU7 800 Series MIL Expansion Module

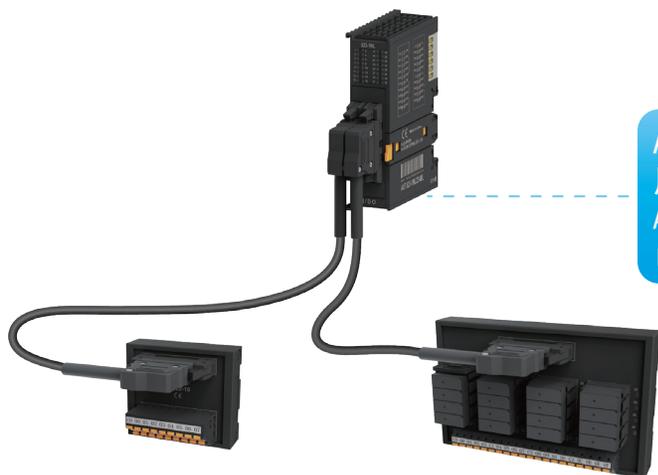
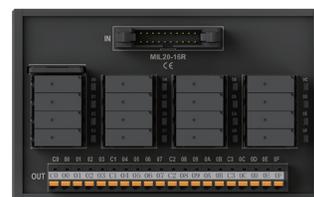
AU7 MIL20/10-020 (20芯一分二连接线)
 可将信号分为2组8点使用
 (20-core two-way cable)
 The signal can be divided into 2 groups of 8 points



2种规格 /Specification的继电器模组
 8DO、16DO, 单通道最大输出5A
 2 types of relay modules
 8DO, 16DO, single channel maximum output 5A

端子台自带拆卸工具
 轻松更换继电器
 The terminal block comes with a removal tool
 Relay replacement is easy

免工具接线
 直插式PUSH-IN接线端子
 Tool-free wiring
 Push-IN terminal blocks for Push-IN



AU7 MIL20/10-020 (20芯直连线)
 用于连接16DI、16DO端子台连接
 AU7 MIL20/10-020 (20-core direct cable)
 It is used for connecting 16DI and 16DO terminal blocks



可编程控制器

SM812H 控制器	1/01
SM813HL 控制器	1/03
SM815H 冗余控制器	1/05
SM816HL 冗余控制器	1/06



总线耦合器

SM877H EtherCAT总线耦合器	2/01
SM877H Profinet总线耦合器	2/03
SM877H 串口通信耦合器	2/05
SM877H 高速计数耦合器	2/07
SM877H 脉冲输出模块	2/09
SM877H 脉宽调制/脉冲输出耦合器	2/11
SM877H CC-Link总线耦合器	2/13
SM877H CC-Link IE TSN总线耦合器	2/15
SM877H EtherNet/IP总线耦合器	2/17
SM877H Profibus-DP总线耦合器	2/18
SM877H DeviceNet总线耦合器	2/19
SM877H M III 总线耦合器	2/20
SM861H MBS总线耦合器	2/21
SM863H TCP/IP总线耦合器	2/22



内部总线扩展模块

SM821H 数字量输入模块	2/23
SM822H 数字量输出模块	2/25
SM823 数字量输入输出模块	2/27
SM831H 模拟量输入模块	2/29
SM832H 模拟量输出模块	2/35
SM831H 热电阻测量模块	2/39
SM831H 热电偶测量模块	2/41
SM841H 串口通信模块	2/43
SM841H IO-Link主站通信模块	2/44
SM851H 高速计数器模块	2/45
电源中继模块/辅件	2/47



端子台及辅件

MIL端子台	3/01
MIL连接线	3/02



PLC

SM812H PLC	1/01
SM813HL PLC.....	1/03
SM815H Redundant PLC.....	1/05
SM816HL Redundant PLC	1/06



Adapter

SM877H EtherCAT Adapter.....	2/01
SM877H Profinet Adapter.....	2/03
SM877H serial communication Adapter.....	2/05
SM877H high-speed counting Adapter	2/07
SM877H pulse output module	2/09
SM877H PWM Adapter	2/11
SM877H CC-Link Adapter	2/13
SM877H CC-Link IE TSN Adapter.....	2/15
SM877H EtherNet/IP Adapter	2/17
SM877H Profibus-DP Adapter	2/18
SM877H DeviceNet Adapter	2/19
SM877H M-III Adapter	2/20
SM861H MBS Adapter	2/21
SM863H TCP/IP Adapter.....	2/22



Internal bus expansion module

SM821H digital input module.....	2/23
SM822H digital output module	2/25
SM823H digital I/O module.....	2/27
SM831H analog input module	2/29
SM832H analog output module.....	2/35
SM831H RTD measurement module.....	2/39
SM831H TC measurement module	2/41
SM841H serial port communication module.....	2/43
SM841H IO-Link master.....	2/44
SM851H high-speed counter module	2/45
Power Relay Module/Accessories	2/47



MIL accessories

MIL terminal blocks.....	3/01
MIL cables	3/02

SM812H PLC

产品特点/Features

- 2*RS485/RS232通信口 / 2*RS485/RS232 serial interface
- 支持MODBUS RTU或者自由口协议，最高115.2Kbps
Support MODBUS RTU or free port protocol, up to 115.2Kbps
- 支持扩展32个SM800-H系列模块 / It supports the expansion of 32 SM800-H series modules



产品规格 / Product Specifications

技术参数 / Technical parameters	
订货号 / Order number	AU7 812-1B0AA-OAA0-H
程序容量 / Program data capacity	128MB
数据容量 / Data capacity	128MB
掉电保持能力 / Retentive at power failure	128MB
PLC扫描周期 / PLC scan cycle	最小50微秒 / 50 μ s Min
以太网 / Ethernet	支持MODBUS-TCP协议，用于编程下载，连接上位机等 Support MODBUS-TCP, used for programming download, connection to host computer, etc
串行通信 / Serial communication	2*RS485/RS232，支持MODBUS RTU或者自由口协议，最高115.2Kbps 2*RS485/RS232, support MODBUS-RTU or free port protocol, up to 115.2Kbps
支持总线协议 / Supported bus protocols	EtherCAT主站 / EtherCAT master
本体扩展能力 / Extension module	32个SM800-H/MIL系列模块 / 32 SM800-H/MIL series modules
CPU型号 / Model	A40I-H, 1.2G
内存容量 / Memory capacity	1GB
硬盘容量 / Hard disk capacity	16GB
编程软件 / Programming software	CODESYS V3.5 SP17及以上版本 / CODESYS V3.5 SP17 or later
本体I/O点位 / I/O point of the self	本体不带I/O点 / NO
供电电源 / Power supply	24VDC
输入电源保护 / Power protection	支持短路、反接保护 / Support short-circuit, reverse polarity protection
运动控制功能 / Motion control function	支持PTP控制、电子凸轮、电子齿轮、直线/圆弧/3轴螺旋插补、CNC等运动控制功能 最多支持64轴控制 PTP, E-CAM, E-gear, linear/arc/3-axis helical interpolation, CNC and other motion control functions, up to 64-axis control.
模块热插拔功能 / Module hot-swap function	不支持 / NO
工作环境 / Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)
尺寸 / LxWxH	84*103*82

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM812H控制器，24VDC供电，2个RS485/RS232通信口，支持MODBUS-RTU或者自由口协议，最高115.2Kbps，支持扩展32个SM800-H系列I/O模块，2个RJ45接口，1个用于总线通讯(EtherCAT主站)，1个用于编程下载，连接上位机等，端子可插拔 SM812H PLC, 24VDC power supply, 2 RS485/RS232 communication ports, support MODBUS-RTU or free port protocol, up to 115.2Kbps, support expansion of 32 SM800-H series I/O modules, 2 RJ45 interfaces, 1 for bus communication (EtherCAT master), 1 for programming download, connection to host computer, etc., terminals can be plugged	AU7 812-1B0AA-OAA0-H

SM812H PLC

产品特点/Features

- 2*RS485/RS232通信口 / 2*RS485/RS232 serial interface
- 支持MODBUS RTU或者自由口协议，最高115.2Kbps
Support MODBUS RTU or free port protocol, up to 115.2Kbps
- 支持扩展32个SM800-H系列模块 / It supports the expansion of 32 SM800-H series modules



产品规格 / Product Specifications

技术参数 / Technical parameters	
订货号 / Order number	AU7 812-1B0AA-1AA0-H
程序容量 / Program data capacity	128MB
数据容量 / Data capacity	128MB
掉电保持能力 / Retentive at power failure	128MB
PLC扫描周期 / PLC scan cycle	最小50微秒 / 50 μ s Min
以太网 / Ethernet	支持MODBUS-TCP协议，用于编程下载，连接上位机等 Support MODBUS-TCP, used for programming download, connection to host computer, etc
串行通信 / Serial communication	2*RS485/RS232，支持MODBUS RTU或者自由口协议，最高115.2Kbps 2*RS485/RS232, support MODBUS-RTU or free port protocol, up to 115.2Kbps
支持总线协议 / Supported bus protocols	Profinet主站/从站 / Profinet master / Slave
本体扩展能力 / Extension module	32个SM800-H/MIL系列模块 / 32 SM800-H/MIL series modules
CPU型号 / Model	A40I-H, 1.2G
内存容量 / Memory capacity	1GB
硬盘容量 / Hard disk capacity	16GB
编程软件 / Programming software	CODESYS V3.5 SP17及以上版本 / CODESYS V3.5 SP17 or later
本体I/O点位 / I/O point of the self	本体不带I/O点 / NO
供电电源 / Power supply	24VDC
输入电源保护 / Power protection	支持短路、反接保护 / Support short-circuit, reverse polarity protection
运动控制功能 / Motion control function	不支持 / NO
模块热插拔功能 / Module hot-swap function	不支持 / NO
工作环境 / Working environment	工作环境温度: -20~60 $^{\circ}$ C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60 $^{\circ}$ C, Relative air humidity: 5%~90% (no condensation)
尺寸 / LxWxH	84*103*82

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM812H控制器，24VDC供电，2个RS485/RS232通信口，支持MODBUS-RTU或者自由口协议，最高115.2Kbps，支持扩展32个SM800-H系列I/O模块，2个RJ45接口，1个用于总线通讯(Profinet主/从站)，1个用于编程下载，连接上位机等，端子可插拔 SM812H PLC, 24VDC power supply, 2 RS485/RS232 communication ports, support MODBUS-RTU or free port protocol, up to 115.2Kbps, support expansion of 32 SM800-H series I/O modules, 2 RJ45 interfaces, 1 for bus communication (Profinet master/slave), 1 for programming download, connection to host computer, etc., terminals can be plugged	AU7 812-1B0AA-1AA0-H

SM813HL PLC

产品特点/Features

- 2*RS485/RS232通信口 / 2*RS485/RS232 serial interface
- 支持MODBUS RTU或者自由口协议, 最高115.2Kbps
Support MODBUS RTU or free port protocol, up to 115.2Kbps
- 支持扩展32个SM800-H系列模块 / It supports the expansion of 32 SM800-H series modules



产品规格 / Product Specifications

技术参数 / Technical parameters	
订货号 / Order number	AU7 813-1B0AA-2AA0-HL
程序容量 / Program data capacity	128MB
数据容量 / Data capacity	128MB
掉电保持能力 / Retentive at power failure	128MB
PLC扫描周期 / PLC scan cycle	最小50微秒 / 50 μ s Min
以太网 / Ethernet	支持MODBUS-TCP协议, 用于编程下载, 连接上位机等 Support MODBUS-TCP, used for programming download, connection to host computer, etc
串行通信 / Serial communication	2*RS485/RS232, 支持MODBUS RTU或者自由口协议, 最高115.2Kbps 2*RS485/RS232, support MODBUS-RTU or free port protocol, up to 115.2Kbps
支持总线协议 / Supported bus protocols	EtherCAT主站 / EtherCAT master
冗余类型 / Redundancy type	EtherCAT S1环网冗余 / EtherCAT S1 ring network redundancy
本体扩展能力 / Extension module	32个SM800-H/MIL系列模块 / 32 SM800-H/MIL series modules
CPU型号 / Model	4核A55, 2GHz主频 / 4-core A55, 2GHz frequency
内存容量 / Memory capacity	4GB
硬盘容量 / Hard disk capacity	32GB
编程软件 / Programming software	CODESYS V3.5 SP17及以上版本 / CODESYS V3.5 SP17 or later
本体I/O点位 / I/O point of the self	本体不带I/O点 / NO
供电电源 / Power supply	24VDC
输入电源保护 / Power protection	支持短路、反接保护 / Support short-circuit, reverse polarity protection
运动控制功能 / Motion control function	支持PTP控制、电子凸轮、电子齿轮、直线/圆弧/3轴螺旋插补、CNC等运动控制功能 最多支持64轴控制 PTP, E-CAM, E-gear, linear/arc/3-axis helical interpolation, CNC and other motion control functions, up to 64-axis control.
模块热插拔功能 / Module hot-swap function	不支持 / NO
工作环境 / Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)
尺寸 / LxWxH	140x100x98

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM813HL控制器, 24VDC供电, 带显示屏、面板操作按钮, 2个RS485/RS232通信口, 支持 MODBUS-RTU或者自由口协议, 最高115.2Kbps, 支持扩展32个SM800-H系列I/O模块, 4个RJ45接口, 2个用于总线通讯 (EtherCAT主站), 支持256轴 控制器, 2个用于编程下载, 连接上位机等, 端子可插拔 SM813HL PLC, 24VDC power supply, with display screen, panel operation buttons, 2 RS485/RS232 communication ports, support MODBUS-RTU or free port protocol, up to 115.2Kbps, support expansion of 32 SM800-H series I/O modules, 4 RJ45 interfaces, 2 for bus communication (EtherCAT master), support 256 axis controllers, 2 for programming download, connect to host computers, etc., terminals can be plugged and unplugged	AU7 813-1B0AA-2AA0-HL

SM813HL PLC

产品特点/Features

- 2*RS485/RS232通信口 / 2*RS485/RS232 serial interface
- 支持MODBUS RTU或者自由口协议，最高115.2Kbps
Support MODBUS RTU or free port protocol, up to 115.2Kbps
- 支持扩展32个SM800-H系列模块 / It supports the expansion of 32 SM800-H series modules



产品规格 / Product Specifications

技术参数 / Technical parameters	
订货号 / Order number	AU7 813-1B0AA-2BB0-HL
程序容量 / Program data capacity	128MB
数据容量 / Data capacity	128MB
掉电保持能力 / Retentive at power failure	128MB
PLC扫描周期 / PLC scan cycle	最小50微秒 / 50 μ s Min
以太网 / Ethernet	支持MODBUS-TCP协议，用于编程下载，连接上位机等 Support MODBUS-TCP, used for programming download, connection to host computer, etc
串行通信 / Serial communication	2*RS485/RS232，支持MODBUS RTU或者自由口协议，最高115.2Kbps 2*RS485/RS232, support MODBUS-RTU or free port protocol, up to 115.2Kbps
支持总线协议 / Supported bus protocols	Profinet主站/从站 / Profinet master / Slave
冗余类型 / Redundancy type	不支持 / Not support
本体扩展能力 / Extension module	32个SM800-H/MIL系列模块 / 32 SM800-H/MIL series modules
CPU型号 / Model	4核A55, 2GHz主频 / 4-core A55, 2GHz frequency
内存容量 / Memory capacity	4GB
硬盘容量 / Hard disk capacity	32GB
编程软件 / Programming software	CODESYS V3.5 SP17及以上版本 / CODESYS V3.5 SP17 or later
本体I/O点位 / I/O point of the self	本体不带I/O点 / NO
供电电源 / Power supply	24VDC
输入电源保护 / Power protection	支持短路、反接保护 / Support short-circuit, reverse polarity protection
运动控制功能 / Motion control function	不支持 / Not support
模块热插拔功能 / Module hot-swap function	不支持 / NO
工作环境 / Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)
尺寸 / LxWxH	140x100x98

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM813HL控制器，24VDC供电，带显示屏、面板操作按钮，2个RS485/RS232通信口，支持 MODBUS-RTU或者自由口协议，最高115.2Kbps，支持扩展32个SM800-H系列 I/O模块，4个RJ45接口，2个用于总线通讯 (Profinet主/从站)，2个用于编程下载，连接上位机等，端子可插拔 SM813HL PLC, 24VDC power supply, with display screen, panel operation button, 2 RS485/RS232 communication ports, support MODBUS-RTU or free port protocol, up to 115.2Kbps, support expansion of 32 SM800-H series I/O modules, 4 RJ45 interfaces, 2 for bus communication (Profinet master/slave), 2 for programming download, connection to host computer, etc., terminals can be plugged and unplugged	AU7 813-1B0AA-2BB0-HL

SM815H 冗余PLC / Redundant PLC

产品特点/Features

- 2*RS485/RS232通信口 / 2*RS485/RS232 serial interface
- 支持MODBUS RTU或者自由口协议，最高115.2Kbps
Support MODBUS RTU or free port protocol, up to 115.2Kbps
- 支持扩展32个SM800-H系列模块 / It supports the expansion of 32 SM800-H series modules



产品规格 / Product Specifications

技术参数 / Technical parameters	
订货号 / Order number	AU7 815-1B0AA-OWN0-H
程序容量 / Program data capacity	128MB
数据容量 / Data capacity	128MB
掉电保持能力 / Retentive at power failure	128MB
PLC扫描周期 / PLC scan cycle	最小50微秒 / 50 μ s Min
以太网 /Ethernet	支持MODBUS-TCP协议，用于编程下载，连接上位机等 Support MODBUS-TCP, used for programming download, connection to host computer, etc
串行通信 /Serial communication	2*RS485/RS232，支持MODBUS RTU或者自由口协议，最高115.2Kbps 2*RS485/RS232, support MODBUS-RTU or free port protocol, up to 115.2Kbps
支持总线协议 / Supported bus protocols	WeIIAUNET主站协议 / WeIIAUNET master
冗余类型 / Redundancy type	S2系统冗余、WeIIAUNET环网冗余 S2 system redundancy and WeIIAUNET ring network redundancy
本体扩展能力 / Extension module	32个SM800-H/MIL系列模块 / 32 SM800-H/MIL series modules
CPU型号 / Model	A40I-H, 1.2G
内存容量 / Memory capacity	1GB
硬盘容量 / Hard disk capacity	16GB
编程软件 / Programming software	CODESYS V3.5 SP17及以上版本 / CODESYS V3.5 SP17 or later
本体I/O点 / I/O point of the self	本体不带I/O点 / NO
供电电源 / Power supply	24VDC
输入电源保护 / Power protection	支持短路、反接保护 / Support short-circuit, reverse polarity protection
运动控制功能 / Motion control function	不支持 / NO
模块热插拔功能 / Module hot-swap function	不支持 / NO
工作环境 /Working environment	工作环境温度: -20~60°C, 相对湿度:5%~90%(无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)
尺寸 / LxWxH	84*103*82

订货数据 / Ordering data

规格 /Specification	订货号 / Order number
SM815H冗余控制器，24VDC供电，2个RS485/RS232通信口，支持MODBUS-RTU或者自由口协议，最高115.2Kbps，支持扩展32个SM800-H系列I/O模块，2个RJ45接口，1个用于主机冗余链路连接，1个用于WeIIAUNET扩展、编程下载、连接上位机等，端子可插拔 SM815H redundant PLC, 24VDC power supply, 2 RS485/RS232 communication ports, support MODBUS-RTU or free port protocol, up to 115.2Kbps, support expansion of 32 SM800-H series I/O modules, 2 RJ45 interfaces, 1 for host redundant link connection, 1 for WeIIAUNET expansion, programming download, connection to host computer, etc., terminals can be plugged	AU7 815-1B0AA-OWN0-H

SM816HL 冗余PLC / Redundant PLC

产品特点/Features

- 2*RS485/RS232通信口 / 2*RS485/RS232 serial interface
- 支持MODBUS RTU或者自由口协议, 最高115.2Kbps
Support MODBUS RTU or free port protocol, up to 115.2Kbps
- 支持扩展32个SM800-H系列模块 / It supports the expansion of 32 SM800-H series modules



产品规格 / Product Specifications

技术参数 / Technical parameters	
订货号 / Order number	AU7 816-1B0AA-2AW0-HL
程序容量 / Program data capacity	128MB
数据容量 / Data capacity	128MB
掉电保持能力 / Retentive at power failure	128MB
PLC扫描周期 / PLC scan cycle	最小50微秒 / 50 μ s Min
以太网 / Ethernet	支持MODBUS-TCP协议, 用于编程下载, 连接上位机等 Support MODBUS-TCP, used for programming download, connection to host computer, etc
串行通信 / Serial communication	2*RS485/RS232, 支持MODBUS RTU或者自由口协议, 最高115.2Kbps 2*RS485/RS232, support MODBUS-RTU or free port protocol, up to 115.2Kbps
支持总线协议 / Supported bus protocols	EtherCAT主站 / EtherCAT master
冗余类型 / Redundancy type	EtherCAT环网冗余, S2系统冗余, WellIAUNET环网冗余 Redundancy of EtherCAT ring, redundancy of S2 system, and redundancy of WellIAUNET ring
本体扩展能力 / Extension module	32个SM800-H/MIL系列模块 / 32 SM800-H/MIL series modules
CPU型号 / Model	4核A55, 2GHz主频 / 4-core A55, 2GHz frequency
内存容量 / Memory capacity	4GB
硬盘容量 / Hard disk capacity	32GB
编程软件 / Programming software	CODESYS V3.5 SP17及以上版本 / CODESYS V3.5 SP17 or later
本体I/O点位 / I/O point of the self	本体不带I/O点 / NO
供电电源 / Power supply	24VDC
输入电源保护 / Power protection	支持短路、反接保护 / Support short-circuit, reverse polarity protection
运动控制功能 / Motion control function	支持PTP控制、电子凸轮、电子齿轮、直线/圆弧/3轴螺旋插补、CNC等运动控制功能 最多支持64轴控制 PTP, E-CAM, E-gear, linear/arc/3-axis helical interpolation, CNC and other motion control functions, up to 64-axis control.
模块热插拔功能 / Module hot-swap function	不支持 / NO
工作环境 / Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)
尺寸 / LxWxH	140x100x98

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM816HL冗余控制器, 24VDC供电, 带显示屏、面板操作按钮, 2个RS485/RS232通信口, 支持MODBUS-RTU或者自由口协议, 最高115.2Kbps, 支持扩展32个SM800-H系列I/O模块, 4个RJ45接口, 1个用于主机冗余链路连接, 2个用于总线通讯 (EtherCAT主站), 1个用于WellIAUNET扩展、编程下载、连接上位机等, 支持256轴控制器, 端子可插拔 SM816HL redundant PLC, 24VDC power supply, with display screen, panel operation button, 2 RS485/RS232 communication ports, support MODBUS-RTU or free port protocol, up to 115.2Kbps, support expansion of 32 SM800-H series I/O modules, 4 RJ45 interfaces, 1 for host redundant link connection, 2 for bus communication (EtherCAT master), 1 for WellIAUNET expansion, programming download, It is connected to the host computer, etc., and supports 256-axis controller, and the terminals can be plugged and unplugged	AU7 816-1B0AA-2AW0-HL

SM877H 总线耦合器 / SM877H Adapter

产品特点/Features

- 2个RJ45接口, 100Mbit/s / 2 RJ45 interfaces, 100Mbit/s
- 总线、电源隔离技术、可靠 / Bus, power isolation technology, reliable
- 独立作为EtherCAT从站 / Stand-alone as an EtherCAT slave
- 提供独立的XML文件 / Stand-alone XML files are available
- 可扩展32个SM800-H/MIL系列模块 / Expandable with 32 SM800-H/MIL series modules



产品规格 / Product Specifications

订货数据 / Ordering data			
型号 / Model	SM877H EtherCAT总线耦合器 / SM877H EtherCAT Adapter		
产品概述 / Overview	2个RJ45接口、24VDC供电, 性能稳定、抗干扰性能强 2 RJ45, 24VDC, stable performance, strong anti-interference performance		
技术参数 / Technical parameters			
订货号 / Order number	AU7 877-ECT22-H	AU7 877-ECT22-HIS	AU7 877-ECT22-HAP
电气接口 / Electrical interfaces	RJ45		M12 D-code 4*pin
供电 / Power supply	24VDC, 输出电流<10A / 24VDC, output current<10A		
电流功耗 / Current power consumption	67mA		
背板总线电流容量 Backplane bus current capacity	<2A (如扩展模块数量超过16个, 请务必增加一个SM898-24D05-H电源中继模块) <2A (If the number of expansion modules exceeds 16, please be sure to add a SM898-24D05-H power relay module)		
支持协议 / Support Protocols	EtherCAT从站 / EtherCAT Slave		
从站设置 / Slave settings			
地址设置 / Address settings	由拨码开关配置或者主站分配 Configured by DIP switch or assigned by the master		
每段最大站数 Maximum number of stations per segment	255		
隔离 / Isolation			
通道与总线之间 Between the channel and the bus	有 / Yes		
电源到总线 / Power to the bus	有 / Yes		
本体I/O数量 / The number of ontology I/O	无 / No		
显示指示 / Displays instructions	电源+24V:绿色灯, BF:红色灯, SF:红色灯, NET:红色灯 Power +24V:Green Light, BF:Red Light, SF:Red Light, NET:Red Light		
系统电源诊断和警告 System power diagnostics and warnings	支持 / Yes		
工作环境 / Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90%(无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)		
尺寸 / (LxWxH)	50*103*82		

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
<p>SM877H总线耦合器, EtherCAT总线、2个RJ45口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带8位拨码设置站ID地址, 出厂标配终端盖板, 端子可插拔</p> <p>SM877H Adapter, EtherCAT bus, 2 RJ45 ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, with 8-digit DIP setting station ID address, terminal cover as standard at the factory, pluggable terminals</p>	AU7 877-ECT22-H
<p>SM877H总线耦合器, EtherCAT总线、2个RJ45口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带8位拨码设置站ID地址, 出厂标配终端盖板, 端子可插拔 (不支持配置扩展插槽方式的主机)</p> <p>SM877H bus coupler, EtherCAT bus, 2 RJ45 ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, with 8-digit DIP setting station ID address, terminal cover as standard at the factory, pluggable terminals (Hosts that do not support the expansion slot configuration method)</p>	AU7 877-ECT22-HIS
<p>SM877H总线耦合器, EtherCAT总线、2个D-Code航插接口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带8位拨码设置站ID地址, 出厂标配终端盖板, 端子可插拔</p> <p>SM877H bus coupler, EtherCAT bus, 2 D-Code plug-in ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, with 8-digit DIP setting station ID address, terminal cover as standard at the factory, pluggable terminals</p>	AU7 877-ECT22-HAP

SM877H 总线耦合器 / SM877H Adapter

产品特点/Features

- 2个RJ45接口, 100Mbit/s / 2 RJ45 interfaces, 100Mbit/s
- 总线、电源隔离技术、可靠 / Bus, power isolation technology, reliable
- 独立作为Profinet从站 / Stand-alone as an Profinet slave
- 提供独立的XML文件 / Stand-alone XML files are available
- 可扩展32个SM800-H/MIL系列模块 / Expandable with 32 SM800-H/MIL series modules



产品规格 / Product Specifications

订货数据 / Ordering data		
型号 / Model	SM877H Profinet总线耦合器 / SM877H Profinet Adapter	
产品概述 / Overview	2个RJ45接口、24VDC供电, 性能稳定、抗干扰性能强 2 RJ45, 24VDC, stable performance, strong anti-interference performance	
技术参数 / Technical parameters		
订货号 / Order number	AU7 877-PNT22-H	AU7 877-PNT22-HAP
电气接口 / Electrical interfaces	RJ45	M12 D-code 4*pin
供电 / Power supply	24VDC, 输出电流<10A / 24VDC, output current<10A	
电流功耗 / Current power consumption	116mA	
背板总线电流容量 Backplane bus current capacity	<2A (如扩展模块数量超过16个, 请务必增加一个SM898-24D05-H电源中继模块) <2A (If the number of expansion modules exceeds 16, please be sure to add a SM898-24D05-H power relay module)	
支持协议 / Support Protocols	Profinet从站 / Profinet Slave	
从站设置 / Slave settings		
名称设置 / Name settings	由软件配置或者主站分配 Configured by software or assigned by the master	
复位功能 / Reset function	有, 通过拨码开关复位 / Yes, reset via DIP switch	
每段最大站数 Maximum number of stations per segment	255	
隔离 / Isolation		
通道与总线之间 Between the channel and the bus	有 / Yes	
电源到总线 / Power to the bus	有 / Yes	
本体I/O数量 / The number of ontology I/O	无 / No	
显示指示 / Displays instructions	电源+24V绿色灯, BF红色灯, SF红色灯, NET红色灯 Power +24V:Green Light, BF:Red Light, SF:Red Light, NET:Red Light	
系统电源诊断和警告 System power diagnostics and warnings	支持 / Yes	
工作环境 / Working environment	工作环境温度: -20~60°C, 相对湿度:5%~90%(无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)	
尺寸 / (LxWxH)	50*103*82	

订货数据 / Ordering data

规格 /Specification	订货号 / Order number
SM877H总线耦合器, Pofinet-RT总线、2个RJ45口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 自带复位设备名称、IP按钮, 端子可插拔 SM877H Adapter, Pofinet-RT bus, 2 RJ45 ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, It comes with a reset device name, IP button, and the terminal can be plugged and unplugged	AU7 877-PNT22-H
SM877H总线耦合器, Pofinet-RT总线、2个D-Code航插接口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 自带复位设备名称、IP按钮, 端子可插拔 SM877H Adapter, Pofinet-RT bus, 2 D-Code plug-in ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, It comes with a reset device name, IP button, and the terminal can be plugged and unplugged	AU7 877-PNT22-HAP

SM877H 串口通信耦合器 / SM877H serial communication adapter

产品特点/Features

- 3个RJ45通信口 / 3 RJ45 Communication port
- 自带6位站地址拨码，方便维护
Comes with a 6-digit station address dial code, which is convenient for maintenance
- 2个RS485或RS232接口 / 2 RS485 or RS232 interfaces
- 支持Modbus RTU和自由口协议 / Supports Modbus-RTU and free port protocols
- 波特率最快115.2Kbps，稳定可靠
The baud rate is as fast as 115.2Kbps, which is stable and reliable
- 网页配置串口参数，主站无需编程，使用简便
The web page is configured with serial port parameters, and the master station does not need to be programmed



产品规格 / Specification

订货数据 / Ordering data		
型号 / Model	SM877H EtherCAT串口通信耦合器 SM877H EtherCAT serial communication adapter	SM877H Profinet-RT串口通信耦合器 SM877H Profinet serial communication adapter
产品概述 / Overview	3个RJ45接口、24VDC供电，性能稳定、抗干扰性能强 3 RJ45, 24VDC, stable performance, strong anti-interference performance	
技术参数 / Technical parameters		
订货号 / Order number	AU7 877-ECT22-COM-H	AU7 877-PNT22-COM-H
电气接口 Electrical interfaces	RJ45	
供电 / Power supply	24VDC，输出电流<10A / 24VDC, output current<10A	
电流功耗 Current power consumption	96mA	
电缆长度 / Cable length	屏蔽双绞线1000m（由实际使用的波特率决定） Shielded twisted pair 1000m (depending on the actual baud rate used)	
背板总线电流容量 Backplane bus current capacity	<2A（如扩展模块数量超过16个，请务必增加一个SM898-24D05-H电源中继模块） <2A (If the number of expansion modules exceeds 16, please be sure to add a SM898-24D05-H power relay module)	
支持协议 Support Protocols	EtherCAT从站 / EtherCAT Slave	Profinet-RT从站 / Profinet-RT Slave
从站设置 / Slave settings		
地址设置 Address settings	由拨码开关配置或者主站分配 Configured by DIP switch or assigned by the master	由编程软件配置或者主站分配 Configured by software or assigned by the master
每段最大站数/The maximum number of stations per segment	255	
隔离 / Isolation		
通道与总线之间 Between channel and bus	有 / Yes	
电源到总线 Power to the bus	有 / Yes	
本体IO数量 The number of ontology I/O	无 / No	
显示指示 Displays instructions	电源+24V:绿灯，BF:红灯，SF:红灯，NET:红灯 Power +24V:Green Light, BF:Red Light, SF:Red Light, NET:Red Light	
系统电源诊断和警告 System power diagnostics and warnings	支持 / Yes	
工作环境 Working environment	工作环境温度：-20~60℃，相对湿度：5%~90%（无凝露） Operating temperature: -20~60℃, Relative air humidity: 5%~90% (no condensation)	
尺寸 / (LxWxH)	84*103*82	

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
<p>SM877H串口通信耦合器, EtherCAT总线, 3个RJ45口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带6位拨码设置站ID地址, 2个RS485或RS232接口, 支持Modbus RTU和自由口协议, 端子可插拔</p> <p>SM877H serial communication Adapter, EtherCAT bus, 3 RJ45 ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC, with 6-digit DIP setting station ID address, 2 RS485 or RS232 interfaces, support Modbus RTU and free port protocol, terminal pluggable</p>	AU7 877-ECT22-COM-H
<p>SM877H串口通信耦合器, Profinet-RT总线, 3个RJ45口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 2个RS485或RS232接口, 支持Modbus RTU和自由口协议, 端子可插拔</p> <p>SM877H serial communication Adapter, Profinet bus, 3 RJ45 ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC, 2 RS485 or RS232 interfaces, support Modbus RTU and free port protocol, terminal pluggable</p>	AU7 877-PNT22-COM-H

SM877H 高速计数耦合器 / SM877H High-speed counting adapter

产品特点/Features

- 2个RJ45通信口 / 2 RJ45 Communication port
- 自带6位站地址拨码，方便维护
Comes with a 6-digit station address dial code, which is convenient for maintenanc
- 2组高速计数器（A、B、C相） / 2 sets of high-speed counters (phases A, B, and C)
- 单端或差分输入 / Single-ended or differential inputs
- EtherCAT总线、Profinet-RT总线 / EtherCAT, Profinet-RT bus protocol



产品规格 / Specification

订货数据 / Ordering data	
型号 / Model	SM877H 高速计数耦合器 / SM877H High-speed counting adapter
技术参数 / Technical parameters	
订货号 / Order number	AU7 877-ECT22-2HC-H AU7 877-PNT22-2HC-H
模块类型 / Module type	高速计数器模块 / High-speed counter module
扩展模块个数 / Extension module	32个SM800-H/MIL系列模块 / 32 SM800-H/MIL series modules
高速计数通道 High-speed counting channel	2通道（A、B、C、STOP/LATCH），单端输入最大200KHZ，差分最大4MHZ。额定电压5VDC 2-channel inputs, single-ended max. 200KHz, differential max. 4MHz. Rated voltage 5VDC
分布时钟 Distribution clocks	支持 / Yes
背板总线电流容量 Backplane bus current capacity	<2A（如扩展模块数量超过16个，请务必增加一个SM898-24D05-H电源中继模块） <2A (If the number of expansion modules exceeds 16, please be sure to add a SM898-24D05-H module)
高速计数器输入特性 Input characteristics	RS422差分输入（5V） / RS422 Differential Input (5V)
信号输入（数据） Signal Input (Data)	\
其它输入点输入特性 Other point input characteristics	单端（最大200KHZ）或差分（最大4MHZ） Single-ended max. 200KHz or differential max. 4MHz
编码器输入额定电压 Encoder input voltage is rated	5V
电流功耗 Current power consumption	91mA
电缆长度 / Cable length	屏蔽双绞线最长100m / Shielded twisted pair cable up to 100m
高速计数模式 High-speed counting mode	<ol style="list-style-type: none"> 1、单端计数，对A相脉冲进行计数，B为方向，B为高电平则加计数，低电平减计数。 2、差分计数，A、B相脉冲正交，A超前B相位90° 则加计数，否则减计数。 3、主站使能当前计数值设置功能，Set counter为TRUE，则当前计数值被设置成预置值。 4、主站使能锁存功能，可设置为上升沿或下降沿锁存，在C相上升沿、LATCH输入端的上升沿或下降沿，锁存当前计数值。 <ol style="list-style-type: none"> 1. Single-ended counting, counting the pulse of phase A, B is the direction, B is the high level, then the counting, and the low level is subtracted. 2. Differential counting, phase A and B pulse are orthogonal, and the A is ahead of phase B by 90° , then the count is added, otherwise the count is reduced. 3. If the master enables the function of setting the current counting value, and the set counter is TRUE, the current counting value is set to the preset value. 4. The master station enables the latching function, which can be set to the rising edge or falling edge latching, and the current counting value is latched on the rising edge of phase C and the rising edge or lower rising edge of the LATCH input terminal.
尺寸 / (LxWxH)	84*103*82

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
<p>SM877H高速计数耦合器，EtherCAT总线，2个RJ45口，WellAUBUS背板总线、可扩展32个模块，24VDC供电，带6位拨码设置站ID地址，2组A、B、C计数输入、单端（最大200KHZ）或差分（最大4MHZ），支持普通计数功能或倍福NC轴功能（注：编码器24VDC输入时需串2KΩ的电阻），端子可插拔</p> <p>SM877H high-speed counting adapter, EtherCAT bus, 2 RJ45 ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC, with 6-digit DIP setting station ID address, 2 sets of A, B, C Counting inputs, single-ended (MAX. 200 KHZ) or Differential (MAX. 4 MHZ), Support normal counting function or BECKHOFF NC Axis function (NOTE: ENCODER 24VDC input requires a 2 KΩ resistor), and the terminals can be plugged</p>	AU7 877-ECT22-2HC-H
<p>SM877H高速计数耦合器，Profinet-RT总线，2个RJ45口，WellAUBUS背板总线、可扩展32个模块，24VDC供电，2组A、B、C计数输入、单端（最大200KHZ）或差分（最大4MHZ）（注：编码器24VDC输入时需串2KΩ的电阻），端子可插拔</p> <p>SM877H high-speed counting adapter, Profinet-RT bus, 2 RJ45 ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC, 2 sets of A, B, C Counting inputs, single-ended (MAX. 200 KHZ) or Differential (MAX. 4 MHZ), Support normal counting function or BECKHOFF NC Axis function (NOTE: ENCODER 24VDC input requires a 2 KΩ resistor), and the terminals can be plugged</p>	AU7 877-PNT22-2HC-H

SM877H 脉冲输出模块 / SM877H Pulse Output Module

产品特点/Features

- 2个RJ45通信口 / 2 RJ45 Communication port
- 自带6位站地址拨码，方便维护
Comes with a 6-digit station address dial code, which is convenient for maintenanc
- 2轴脉冲输出（单端或差分） / 2-axis pulse output (single-ended or differential)
- 单端或差分输出最大500KHZ，支持BECKHOFF主站（NC轴控制）
Single-ended or differential outputs up to 500KHz with BECKHOFF master (NC axis control)



产品规格 / Specification

订货数据 / Ordering data	
型号 / Model	SM877H EtherCAT脉冲输出模块 / SM877H Pulse Output Module
产品概述 / Overview	2个RJ45接口、24VDC供电，性能稳定、抗干扰性能强 2 RJ45, 24VDC, stable performance, strong anti-interference performance
技术参数 / Technical parameters	
订货号 / Order number	AU7 877-ECT22-2P0-H
电气接口/Electrical interfaces	RJ45
供电 / Power supply	24VDC，输出电流<10A / 24VDC, output current<10A
电流功耗 Current power consumption	116mA
背板总线电流容量 Backplane bus current capacity	--
支持协议 Support Protocols	EtherCAT从站 / EtherCAT Slave
从站设置 /Slave settings	
地址设置 Address settings	由拨码开关配置或者主站分配 Configured by DIP switch or assigned by the master
每段最大站数 / Maximum number of stations per segment	255
隔离 /Isolation	
通道与总线之间 Between channel and bus	有 / Yes
电源到总线 Power to the bus	有 / Yes
本体IO数量 The number of ontology I/O	无 / No
显示指示 Displays instructions	电源+24V:绿色灯, BF:红色灯, SF:红色灯, NET:红色灯 Power +24V:Green Light, BF:Red Light, SF:Red Light, NET:Red Light
系统电源诊断和警告 System power diagnostics and warnings	支持 / Yes
工作环境 Working environment	工作环境温度: -20~60°C, 相对湿度:5%~90%(无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)
尺寸 / (LxWxH)	84*103*82

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
<p>SM877H脉冲输出模块, EtherCAT总线, 2个RJ45口, WellAUBUS背板总线、不可扩模块, 24VDC供电, 带6位拨码设置站ID地址, 2轴脉冲输出、单端 (NPN输出最大500KHZ) 或差分 (输出最大500KHZ), 支持倍福NC轴功能, 端子可插拔</p> <p>SM877H pulse output module, EtherCAT bus, 2 RJ45 ports, WellAUBUS backplane bus, non-expandable module, 24VDC, with 6-digit DIP setting station ID address, 2-axis pulse output, single-ended (NPN output max. 500 KHZ) or differential (output up to 500 kHz), support Beckhoff NC axis, pluggable terminals</p>	AU7 877-ECT22-2P0-H

SM877H 脉宽调制/脉冲输出耦合器

SM877H Pulse Width Modulation/Pulse Output Adapter

产品特点/Features

- 2个RJ45通信口 / 2 RJ45 Communication port
- 自带6位站地址拨码，方便维护
Comes with a 6-digit station address dial code, which is convenient for maintenanc
- 8/4路PWM/PTO输出、PNP型输出 / 8/4 PWM/PTO outputs, PNP outputs
- PWM/PTO输出最大5KHZ/400KHZ / PWM/PTO output up to 5KHZ/400KHZ
- EtherCAT总线，响应时间小于2ms / EtherCAT bus with a response time of less than 2 ms



产品规格 /Specification

订货数据 / Ordering data		
型号 / Model	SM877H EtherCAT脉宽调制耦合器 SM877H EtherCAT Pulse Width Modulation Adapter	SM877H EtherCAT脉冲输出耦合器 SM877H EtherCAT Pulse Output Adapter
产品概述 / Overview	2个RJ45接口、24VDC供电，性能稳定、抗干扰性能强 2 RJ45, 24VDC, stable performance, strong anti-interference performance	
技术参数 / Technical parameters		
订货号 / Order number	AU7 877-ECT22-PWM-H	AU7 877-ECT22-PTO-H
模块类型 / Module type	PWM输出 / PWM Output	PTO输出 / PTO Output
扩展模块个数 Extension module	32	
PWM/PTO输出通道数 Number of output channels	8	4轴（脉冲、方向） / 4 axes (pulse, direction)
PWM/PTO输出类型 Output type	PNP, 24VDC	
PWM/PTO输出频率 Output frequency	最大5KHZ / Max. 5KHZ	最大400KHZ / Max. 400KHZ
PWM/PTO占空比调节范围 Duty cycle adjustment range	0~100%可设置 / 0~100% can be set	35%~60%随机 / 35%~60% random
背板总线电流容量 Backplane bus current capacity	<2A（如扩展模块数量超过16个，请务必增加一个SM898-24D05-H电源中继模块） <2A (If the number of expansion modules exceeds 16, please be sure to add a SM898-24D05-H power relay module)	
总线响应时间 Bus response time	< 2ms	
隔离 / Isolation		
通道与总线之间 Between channel and bus	有 / Yes	
电源到总线 Power to the bus	有 / Yes	
本体IO数量 The number of ontology I/O	无 / No	
显示指示 Displays instructions	电源+24V绿色灯, BF红色灯, SF红色灯, NET红色灯 Power +24V:Green Light, BF:Red Light, SF:Red Light, NET:Red Light	
系统电源诊断和警告 System power diagnostics and warnings	支持 / Yes	
工作环境 Working environment	工作环境温度: -20~60°C, 相对湿度:5%~90%(无凝露) Operating temperature: -20~60° C, Relative air humidity: 5%~90% (no condensation)	
尺寸 / (LxWxH)	84*103*82	

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
<p>SM877H脉宽调制耦合器, EtherCAT总线, 2个RJ45口, We11AUBUS背板总线、可扩展32个模块, 24VDC供电, 带6位拨码设置站ID地址, 8路PWM输出、PNP型输出, 最大5KHZ, 占空比从0~100%可设置, 修改响应速度小于2ms, 端子可插拔</p> <p>SM877H PWM Adapter, EtherCAT bus, 2 RJ45 ports, We11AUBUS backplane bus, expandable 32 modules, 24VDC, with 6-digit DIP setting station ID address, 8 PWM outputs, PNP type output, maximum 5KHZ, duty cycle can be set from 0~100%, modification response speed is less than 2ms, terminals can be plugged and unplugged</p>	AU7 877-ECT22-PWM-H
<p>SM877H脉冲输出耦合器, EtherCAT总线, 2个RJ45口, We11AUBUS背板总线、可扩展32个模块, 24VDC供电, 带6位拨码设置站ID地址, 4轴PTO输出、PNP型输出, 最大400KHZ, 修改响应速度小于2ms, 端子可插拔</p> <p>SM877H pulse output adapter, EtherCAT bus, 2 RJ45 ports, We11AUBUS backplane bus, expandable 32 modules, 24VDC, with 6-digit DIP setting station ID address, 4-axis PTO output, PNP type output, maximum 400KHZ, modification response speed less than 2ms, terminal pluggable</p>	AU7 877-ECT22-PTO-H

SM877H 总线耦合器 / SM877H Adapter

产品特点/Features

- 2个RJ45接口，支持交换机功能
2 RJ45 interfaces, support switch function
- CC-Link IE Field Basic、CC-Link V2协议总线
CC-Link IE Field Basic, CC-Link V2 protocol bus
- 最多可扩展16个SM800-H/MIL系列模块
Up to 16 modules of the SM800-H/MIL series can be expanded
- 网页配置通信参数 / Configure communication parameters for the web page



产品规格 / Specification

订货数据 / Ordering data						
型号 / Model	SM877H CC-Link总线耦合器 / SM877H CC-Link Adapter					
产品概述 / Overview	24VDC供电，性能稳定、抗干扰性能强 24VDC, stable performance, strong anti-interference performance					
技术参数 / Technical parameters						
订货号 / Order number	AU7 877-CCL22-H	AU7 877-CCL22-V2-H				
电气接口 Electrical interfaces	2个RJ45接口，具有交换机功能		485接口（可插拔端子）			
供电 / Power supply	24VDC，输出电流<10A / 24VDC, output current<10A					
电流功耗 Current power consumption	≥10mA					
背板总线电流容量 Backplane bus current capacity	<2A					
支持协议 Support Protocols	CC-Link IE Field Basic		CC-Link V2			
扩展容量 Expand capacity	16个SM800-H/MIL系列模块 / 16 SM800-H/MIL series modules					
从站设置 / Slave settings						
地址设置 Address settings	网页、拨码开关设置 Web page, DIP switch settings		通过拨码开关设置 / Set via DIP switch			
传输距离 Transmission distance	≤100m	10Mbps	5Mbps	2.5Mbps	625kbps	156kbps
		≤100m	≤160m	≤400m	≤900m	≤1200m
显示指示 Displays instructions	电源+24V:绿色灯, BF:红色灯, SF:红色灯, NET:红色灯 Power +24V:Green Light, BF:Red Light, SF:Red Light, NET:Red Light					
系统电源诊断和警告 System power diagnostics and warnings	支持 / Yes					
工作环境 Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90%(无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)					
尺寸 / (LxWxH)	50*103*82					

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
<p>SM877H总线耦合器, CC-Link IE Field Basic总线、2个RJ45口, 具有交换机功能, WellAUBUS背板总线、可扩展16个模块, 24VDC供电, 带8位拨码设置IP地址, 出厂标配终端盖板, 端子可插拔</p> <p>SM877H adapter, CC-Link IE Field Basic bus, 2 RJ45 ports, switch function, WellAUBUS backplane bus, expandable 16 modules, 24VDC, with 8-digit DIP setting IP address, factory standard terminal cover, pluggable terminals</p>	AU7 877-CCL22-H
<p>SM877H总线耦合器, CC-Link V2总线、1个RS485口, WellAUBUS背板总线、可扩展16个模块, 24VDC供电, 带10位拨码设置通信参数, 出厂标配终端盖板, 端子可插拔</p> <p>SM877H adapter, CC-Link V2 bus, 1 RS485 ports, WellAUBUS backplane bus, expandable 16 modules, 24VDC, with 10-digit DIP to set communication parameters, factory standard terminal cover, terminal pluggable</p>	AU7 877-CCL22-V2-H

SM877H 总线耦合器 / SM877H Adapter

产品特点/Features

- 2个RJ45接口, 支持交换机功能
2 RJ45 interfaces, support switch function
- CC-Link IE TSN (Class B) 协议总线
CC-Link IE TSN (Class B) protocol bus
- 最多可扩展32个SM800-H系列模块
Up to 32 modules of the SM800-H/MIL series can be expanded
- 拨码设置相关通信参数 / DIP settings related communication parameters



产品规格 / Specification

订货数据 / Ordering data	
型号 / Model	SM877H CC-Link IE TSN总线耦合器 / SM877H CC-Link IE TSN Adapter
产品概述 / Overview	2个RJ45接口, 24VDC供电, 性能稳定、抗干扰性能强 2 RJ45, 24VDC, stable performance, strong anti-interference performance
技术参数 / Technical parameters	
订货号 / Order number	AU7 877-TSN2-H
电气接口 Electrical interfaces	2个RJ45接口, 具有交换机功能 / 2 RJ45 interfaces, with switch function
供电 / Power supply	24VDC, 输出电流<10A / 24VDC, output current<10A
电源保护 Power protection	过流保护, 防反接保护, 浪涌吸收 Overcurrent protection, anti-reverse polarity protection, surge absorption
电流功耗 Current power consumption	≥10mA
背板总线电流容量 Backplane bus current capacity	<2A
支持协议 Support Protocols	CC-Link IE TSN (Class B)
扩展容量 Expand capacity	32个SM800-H/MIL系列模块 / 32 SM800-H/MIL series modules
通信速度 Communication speed	1Gbps/100Mbps
从站参数 / Slave parameters	
IP地址/站号设置 IP / station number setting	拨码开关设置 / DIP switch settings
最大连接站数 Max stations	254 (具体支持站数由主站决定) 254 (The specific number of supported stations is determined by the main site)
节点间最大传输距离 Max transmission distance between nodes	双绞线 (IEEE 802.3兼容): 100m / Twisted pair (IEEE 802.3 compatible): 100m 光纤 (IEEE 802.3兼容多模光纤): 550m / Fiber (IEEE 802.3 compatible multimode fiber): 550m 光纤 (SI-POF): 20m / Optical fiber (SI-POF): 20m 光纤 (SI-HPCF): 100m / Fiber (SI-HPCF): 100m
传输介质 Transmission medium	1Gbps: 符合ANSI/TIA/EIA-568-B (超五类或更高) 的4对平衡型屏蔽型通讯电缆。 4 pairs of balanced balanced shielded communication cables to ANSI/TIA/EIA-568-B (CAT 5e or higher). 100Mbps: IEEE 802.3 100BASE-TX规定的通讯电缆符合ANSI/TIA/EIA-568-B (超五类或更高)。
显示指示 Displays instructions	电源+24V绿色灯, BF红色灯, SF红色灯, NET红色灯 Power +24V: Green Light, BF: Red Light, SF: Red Light, NET: Red Light
系统电源诊断和警告 System power diagnostics and warnings	支持 / Yes
工作环境 Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)
尺寸 / (LxWxH)	50*103*82

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
<p>SM877H总线耦合器, CC-Link I E TSN总线, 1Gbps/100Mbps通讯速率, 2个RJ45口, 具有交换机功能, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 端子可插拔</p> <p>SM877H adapter, CC-Link I E TSN bus, 1Gbps/100Mbps communication rate, 2 RJ45 ports, switch function, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, pluggable terminals</p>	AU7 877-TSN22-H

SM877H 总线耦合器 / SM877H Adapter

产品特点/Features

- 2个RJ45接口，支持交换机功能
2 RJ45 interfaces, support switch function
- EtherNet/IP协议总线
EtherNet/IP protocol bus
- 最多可扩展32个SM800-H/MIL系列模块
Up to 32 modules of the SM800-H/MIL series can be expanded
- 网页配置通信参数 / Configure communication parameters for the web page



产品规格 / Specification

订货数据 / Ordering data	
型号 / Model	SM877H EtherNet/IP总线耦合器 / SM877H EtherNet/IP Adapter
产品概述 / Overview	2个RJ45接口、24VDC供电，性能稳定、抗干扰性能强 2 RJ45, 24VDC, stable performance, strong anti-interference performance
技术参数 / Technical parameters	
订货号 / Order number	AU7 877-EIP22-H
电气接口 Electrical interfaces	2个RJ45接口，具有交换机功能 / 2 RJ45 interfaces, with switch function
供电 / Power supply	24VDC，输出电流<10A / 24VDC, output current<10A
电源保护 Power protection	过流保护，防反接保护，浪涌吸收 Overcurrent protection, anti-reverse polarity protection, surge absorption
电流功耗 Current power consumption	≥10mA
背板总线电流容量 Backplane bus current capacity	<2A
支持协议 Support Protocols	EtherNet/IP
扩展容量 Expand capacity	32个SM800-H/MIL系列模块 / 32 SM800-H/MIL series modules
从站参数 / Slave parameters	
IP地址设置 / IP setting	网页或者拨码开关设置 / Web page or DIP switch settings
最大连接站数 Max stations	254 (具体支持站数由主站决定) 254 (The specific number of supported stations is determined by the main site)
显示指示 Displays instructions	电源+24V绿色灯，BF红色灯，SF红色灯，NET红色灯 Power +24V:Green Light, BF:Red Light, SF:Red Light, NET:Red Light
系统电源诊断和警告 System power diagnostics and warnings	支持 / Yes
工作环境 Working environment	工作环境温度：-20~60℃，相对湿度：5%~90%（无凝露） Operating temperature: -20~60° C, Relative air humidity: 5%~90% (no condensation)
尺寸 / (LxWxH)	50*103*82

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM877H总线耦合器, Ethernet IP总线、2个RJ45口，具有交换机功能，WellaAUBUS背板总线、可扩展32个模块，24VDC供电，带8位拨码设置IP地址，出厂标配终端盖板，端子可插拔 SM877H Adapter, Ethernet IP bus, 2 RJ45 ports, switch function, WellaAUBUS backplane bus, expandable 32 modules, 24VDC power supply, with 8-digit DIP setting IP address, factory standard terminal cover, pluggable terminals	AU7 877-EIP22-H

SM877H 总线耦合器 / SM877H Adapter

产品特点/Features

- 1个DB9接口, 自适应传输速率 / 1 DB9 interface, adaptive transmission rate
- 支持Profibus-DP协议总线 / Support Profibus-DP protocol bus
- 8位拨码开关设置站地址 / 8-digit DIP switch setting station address
- 最多可扩展32个SM800-H/MIL系列模块

Up to 32 SM800-H/MIL series modules can be expanded



产品规格 / Specification

订货数据 / Ordering data				
型号 / Model	SM877H Profibus-DP总线耦合器 / SM877H Profibus-DP Adapter			
产品概述 / Overview	24VDC供电, 性能稳定、抗干扰性能强 24VDC, stable performance, strong anti-interference performance			
技术参数 / Technical parameters				
订货号 / Order number	AU7 877-1DP22-H			
电气接口 Electrical interfaces	1 * DB9			
供电 / Power supply	24VDC			
电流功耗 Current power consumption	≥10mA			
背板总线电流容量 Backplane bus current capacity	<2A			
支持协议 Support Protocols	Profibus-DP			
本体I/O数量 The number of ontology I/O	无 / NO			
扩展容量 / Expand capacity	32个SM800-H/MIL系列模块 / 32 SM800-H/MIL series modules			
从站设置 / Slave settings				
地址设置 / Address settings	通过拨码开关设置 / Set via DIP switch			
传输距离 Transmission distance	9.6K~187.5Kbps	500Kbps	1.5Mbps	3M~12Mbps
	≤1000m	≤400m	≤200m	≤100m
最大连接站数 Max stations	127			
显示指示 Displays instructions	电源+24V:绿色灯, BF:红色灯, SF:红色灯, NET:红色灯 Power +24V:Green Light, BF:Red Light, SF:Red Light, NET:Red Light			
系统电源诊断和警告 System power diagnostics and warnings	支持 / Yes			
工作环境 Working environment	工作环境温度: -20~60°C, 相对湿度:5%~90%(无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)			
尺寸 / (LxWxH)	50*103*82			

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM877H总线耦合器, Profibus-DP协议总线、1个DB9接口, 9.6K~12Mbps自适应传输速率, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带8位拨码设置通信参数, 出厂标配终端盖板, 端子可插拔 SM877H Adapter, Profibus-DP protocol bus, 1*DB9 interface, 9.6K~12Mbps adaptive transmission rate, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, with 8-digit DIP to set communication parameters, factory standard terminal cover, terminal pluggable	AU7 877-1DP22-H

SM877H 总线耦合器 / SM877H Adapter

产品特点/Features

- 支持多种传输速率 / Support multiple transmission rates
- 支持DeviceNet协议总线 / Support DeviceNet protocol bus
- 8位拨码开关设置节点地址 / 8-digit DIP switch to set the node address
- 最多可扩展32个SM800-H/MIL系列模块

Up to 32 SM800-H/MIL series modules can be expanded



产品规格 / Specification

订货数据 / Ordering data			
型号 / Model	SM877H DeviceNet总线耦合器 / SM877H DeviceNet Adapter		
产品概述 / Overview	24VDC供电, 性能稳定、抗干扰性能强 24VDC, stable performance, strong anti-interference performance		
技术参数 / Technical parameters			
订货号 / Order number	AU7 877-DNT22-H		
电气接口 Electrical interfaces	按压式接线端子 / Push-to-press terminal blocks		
供电 / Power supply	24VDC		
电源保护 Power protection	≥10mA		
电流功耗 Current power consumption	<2A		
支持协议 Support Protocols	DeviceNet		
本体IO数量 The number of ontology I/O	无 / NO		
扩展容量 Expand capacity	32个SM800-H/MIL系列模块 / 32 SM800-H/MIL series modules		
从站设置 / Slave settings			
地址设置 Address settings	通过拨码开关设置 / Set via DIP switch		
传输距离 (特殊5线电缆) Transmission distance (special 5-wire cable)	125Kbps	250Kbps	500Kbps
	≤500m	≤250m	≤100m
最大连接站数 Max stations	64节点 (包括主站、从站和配置器) 64 nodes (including master, slave and configurator)		
显示指示 Displays instructions	电源+24V绿色灯, BF红色灯, SF红色灯, NET红色灯 Power +24V:Green Light, BF:Red Light, SF:Red Light, NET:Red Light		
系统电源诊断和警告 System power diagnostics and warnings	支持 / Yes		
工作环境 Working environment	工作环境温度: -20~60°C, 相对湿度:5%~90%(无凝露) Operating temperature: -20~60° C, Relative air humidity: 5%~90% (no condensation)		
尺寸 / (LxWxH)	50*103*82		

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM877H总线耦合器, DeviceNet总线, 125K~500Kbps传输速率, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带8位拨码设置通信参数, 出厂标配终端盖板, 端子可插拔 SM877H Adapter, DeviceNet Bus, 125K~500Kbps Transmission Rate, WellAUBUS Backplane Bus, Expandable 32 Modules, 24VDC Power Supply, with 8-Bit DIP to Set Communication Parameters, Factory Standard Terminal Cover, Terminals Pluggable	AU7 877-DNT22-H

SM877H 总线耦合器 / SM877H Adapter

产品特点/Features

- 2个RJ45接口，支持交换机功能
2 RJ45 interfaces, support switch function
- MECHATROLINK-III 协议总线
MECHATROLINK-III protocol bus
- 最多可扩展32个SM800-H/MIL系列模块
Up to 32 modules of the SM800-H/MIL series can be expanded
- 网页配置通信参数 / Configure communication parameters for the web page



产品规格 / Specification

订货数据 / Ordering data	
型号 / Model	SM877H MIII总线耦合器 / SM877H MECHATROLINK-III Adapter
产品概述 / Overview	2个RJ45接口、24VDC供电，性能稳定、抗干扰性能强 2 RJ45, 24VDC, stable performance, strong anti-interference performance
技术参数 / Technical parameters	
订货号 / Order number	AU7 877-MLK22-H
电气接口 Electrical interfaces	2个RJ45接口，具有交换机功能 / 2 RJ45 interfaces, with switch function
供电 / Power supply	24VDC
电源保护 Power protection	≥10mA
电流功耗 Current power consumption	<2A
支持协议 Support Protocols	MECHATROLINK-III
本体IO数量 The number of ontology I/O	无 / NO
扩展容量 Expand capacity	32个SM800-H/MIL系列模块 / 32 SM800-H/MIL series modules
从站设置 / Slave settings	
IP地址设置 IP settings	网页或者拨码开关设置 / Web page or DIP switch settings
最大连接站数 Max stations	255
显示指示 Displays instructions	电源+24V:绿色灯, BF:红色灯, SF:红色灯, NET:红色灯 Power +24V:Green Light, BF:Red Light, SF:Red Light, NET:Red Light
系统电源诊断和警告 System power diagnostics and warnings	支持 / Yes
工作环境 Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90%(无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)
尺寸 / (LxWxH)	50*103*82

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM877H总线耦合器，MECHATROLINK-III总线，2个RJ45口，具有交换机功能，WellAUBUS背板总线、可扩展32个模块，24VDC供电，带8位拨码设置通信参数，出厂标配终端盖板，端子可插拔 SM877H Adapter, MECHATROLINK-III. bus, 2 RJ45 ports, switch function, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, with 8-digit DIP code to set communication parameters, factory standard terminal cover, terminal pluggable	AU7 877-MLK22-H

SM877H 总线耦合器 / SM877H Adapter

产品特点/Features

- 支持Modbus-RTU标准协议 / Support Modbus-RTU standard protocol
- 最多可扩展32个SM800-H/MIL系列模块 / Up to 32 SM800-H/MIL series modules can be expanded
- 将扩展模块的通道地址自动对应到Modbus总线协议地址
Automatically map the channel address of the expansion module to the Modbus protocol address
- 通过拨码开关设置站地址和通信速率
Set the station address and communication rate through the DIP switch
- 最高支持115.2kbps通信速率 / Support up to 115.2kbps communication rate



产品规格 / Specification

订货数据 / Ordering data	
型号 / Model	SM861H Modbus-RTU总线耦合器 / SM861H Modbus-RTU Adapter
产品概述 / Overview	24VDC供电, 性能稳定、抗干扰性能强 24VDC, stable performance, strong anti-interference performance
技术参数 / Technical parameters	
订货号 / Order number	AU7 861-MBS22-H
电气接口 Electrical interfaces	
供电 / Power supply	24VDC, 输出电流<10A / 24VDC, output current<10A
电源保护 Power protection	过流保护, 防反接保护, 浪涌吸收 Overcurrent protection, anti-reverse polarity protection, surge absorption
电流功耗 Current power consumption	≥10mA
背板总线电流容量 Backplane bus current capacity	<2A
支持协议 Support Protocols	Modbus-RTU
扩展容量 Expand capacity	32个SM800-H/MIL系列模块 / 32 SM800-H/MIL series modules
从站参数 / Slave parameters	
地址设置 / Adr setting	拨码开关设置 / DIP switch settings
最大连接站数 Max stations	63 (具体支持站数由主站决定) 63 (The specific number of supported stations is determined by the main site)
显示指示 Displays instructions	电源+24V:绿色灯, BF:红色灯, SF:红色灯, NET:红色灯 Power +24V:Green Light, BF:Red Light, SF:Red Light, NET:Red Light
系统电源诊断和警告 System power diagnostics and warnings	支持 / Yes
工作环境 Working environment	工作环境温度: -20~60°C, 相对湿度:5%~90%(无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)
尺寸 / (LxWxH)	50*103*82

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM861H总线耦合器, Modbus-RTU协议总线、RS485, 端子接线, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带8位拨码设置通信参数, 出厂标配终端盖板, 端子可插拔 SM861H Adapter, Modbus-RTU protocol bus, RS485, terminal wiring, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, with 8-digit DIP code to set communication parameters, factory standard terminal cover, terminal pluggable	AU7 861-MBS22-H

SM877H 总线耦合器 / SM877H Adapter

产品特点/Features

- 2个RJ45接口，支持交换机功能
2 RJ45 interfaces, support switch function
- S7 TCP/IP或Modbus TCP/IP协议总线
S7 TCP/IP or Modbus TCP/IP protocol bus
- 最多可扩展32个SM800-H/MIL系列模块
Up to 32 modules of the SM800-H/MIL series can be expanded
- 网页配置通信参数 / Configure communication parameters for the web page



产品规格 / Specification

订货数据 / Ordering data	
型号 / Model	SM863H TCP/IP总线耦合器 / SM863H TCP/IP Adapter
产品概述 / Overview	2个RJ45接口、24VDC供电，性能稳定、抗干扰性能强 2 RJ45, 24VDC, stable performance, strong anti-interference performance
技术参数 / Technical parameters	
订货号 / Order number	AU7 863-1AA22-H
电气接口 Electrical interfaces	2个RJ45接口，具有交换机功能 / 2 RJ45 interfaces, with switch function
供电 / Power supply	24VDC，输出电流<10A / 24VDC, output current<10A
电源保护 Power protection	过流保护，防反接保护，浪涌吸收 Overcurrent protection, anti-reverse polarity protection, surge absorption
电流功耗 Current power consumption	≥10mA
背板总线电流容量 Backplane bus current capacity	<2A
支持协议 Support Protocols	S7 TCP/IP、ModbusTCP/IP
扩展容量 Expand capacity	32个SM800-H/MIL系列模块 / 32 SM800-H/MIL series modules
从站参数 / Slave parameters	
IP地址设置 / IP setting	网页或者拨码开关设置 / Web page or DIP switch settings
最大连接站数 Max stations	254 (具体支持站数由主站决定) 254 (The specific number of supported stations is determined by the main site)
显示指示 Displays instructions	电源+24V绿色灯，BF红色灯，SF红色灯，NET红色灯 Power +24V:Green Light, BF:Red Light, SF:Red Light, NET:Red Light
系统电源诊断和警告 System power diagnostics and warnings	支持 / Yes
工作环境 Working environment	工作环境温度：-20~60℃，相对湿度：5%~90%(无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)
尺寸 / (LxWxH)	50*103*82

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM863H总线耦合器，Modbus-TCP、S7-TCP/IP总线、2个RJ45口，具有交换机功能，WellAUBUS背板总线、可扩展32个模块，24VDC供电，带8位拨码设置IP地址，出厂标配终端盖板，端子可插拔 SM863H Adapter, Modbus-TCP, S7-TCP/IP bus, 2 RJ45 ports, switch function, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, with 8-digit DIP setting IP address, factory standard terminal cover, pluggable terminals	AU7 863-1AA22-H

SM821H 数字量输入模块 / Digital Input Module

产品特点/Features

- 输入光电隔离 / Input opto-isolation
- 硬件200us滤波 / Hardware 200us filtering
- 总线、通道隔离技术、可靠 / Bus, channel isolation technology, reliable

产品规格 / Specification

订货数据 / Ordering data			
型号 / Model	SM821H 16DI	SM821H 32DI	SM821M 32DI
产品图片 / Images			
产品概述 / Overview	16点输入、24VDC、性能稳定、抗干扰性能强 16DI, 24V DC, Stable performance, strong anti-interference performance	32点输入、24VDC、性能稳定、抗干扰性能强 32DI, 24V DC, Stable performance, strong anti-interference performance	
技术参数 / Technical parameters			
订货号 / Order number	AU7 821-1MH22-H	AU7 821-1ML22-H	AU7 821-1ML22-MIL
输入点数/Input channels	16	32	
背板功耗(满载) Rated bus input current (Us, at full load)	60mA	117mA	
电缆长度(屏蔽) Cable length (shielded)	最长500m / Up to 500m		
电缆长度(非屏蔽) Cable length (unshielded)	最长300m / Up to 300m		
输入电压 / Input voltage			
● 额定值 / Rated value	24VDC		
● “0” / False	最大5VDC, 1mA / 5VDC, 1mA Max.		
● “1” / True	最小15VDC, 2.5mA / 15VDC, 2.5mA Min.		
输入延时 / Digital input delay			
● 从0到1, 最小 From 0 to 1, Max	4~6ms(扩展32个模块典型值) / 4~6ms (Extended 32 module typical values)		
● 从1到0, 最小 From 1 to 0, Max	4~6ms(扩展32个模块典型值) / 4~6ms (Extended 32 module typical values)		
输入特性 / Input mode	源型/漏型 / Sinking/Sourcing		
允许静态电流 Allowed quiescent current	1mA		
绝缘测试电压 Insulation testing voltage	500VDC		
隔离 / Isolation			
● 通道与总线之间/Between the channel and the bus	有 / Yes		
● 通道间 /Between channels	有 / Yes		
显示指示 Displays instructions	每通道输入绿色LED显示 / Green LED display for each channel input		
系统电源诊断和警告 System power diagnostics and warnings	支持 / Support		
工作环境 Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60° C, Relative air humidity: 5%~90% (no condensation)		
尺寸 / (LxWxH)	12*103*82	24*103*82	24*100*88

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM821H数字量输入模块, 16输入 (支持共阴/共阳)、额定电压24VDC、模块诊断功能, 端子可插拔 SM821H digital input module, 16 inputs (support common cathod/common male), rated voltage 24VDC, module diagnostic function, terminal plugging and unplugging	AU7 821-1MH22-H
SM821H数字量输入模块, 32输入 (支持共阴/共阳)、额定电压24VDC、模块诊断功能, 端子可插拔 SM821H digital input module, 32 inputs (support common catho/common yang), rated voltage 24VDC, module diagnostic function, terminal plugging and unplugging	AU7 821-1ML22-H
SM821M数字量输入模块, 32输入 (支持共阴/共阳)、额定电压24VDC、模块诊断功能, 可插拔MIL牛角插座 SM821M digital input module, 32 inputs (support common catho/common male), rated voltage 24VDC, module diagnosis function, plug and unplug MIL horn socket	AU7 821-1ML22-MIL

SM822H 数字量输出模块 / Digital output module

产品特点/Features

- 输出光电隔离 / The output is opto-isolated
- 过压、短路保护功能 / Over-voltage, short-circuit protection
- 总线、通道隔离技术、可靠 / Bus, channel isolation technology, reliable

产品规格 / Specification

订货数据 / Ordering data							
型号 / Model	SM822H 16DO				SM822H 32DO		SM822M 32DO
产品图片 / Images							
产品概述 Overview	16点晶体管输出、24VDC 16-channel transistor output, 24VDC				32点晶体管输出、24VDC 32-channel transistor output, 24VDC		
技术参数 / Technical parameters							
订货号 Order number	AU7 822-1BH22-H	AU7 822-1NH22-H	AU7 822-HBH22-H	AU7 822-HNH22-H	AU7 822-1BL22-H	AU7 822-1NL22-H	AU7 822-1NL22-MIL
输出类型 Output type	PNP	NPN	PNP	NPN	PNP	NPN	NPN
输出点数 Output channels	16				32		
背板功耗 (满载) Rated bus input current (Us, at full load)	53mA	80mA	67mA	66mA	84mA	74mA	
电缆长度 (屏蔽) Cable length (shielded)	最长500m / Up to 500m						
电缆长度 (非屏蔽) Cable length (unshielded)	最长150m / Up to 150m						
输出短路保护/Output short circuit protection	有、电子式 (特定型号) / Yes, electronic (specific models)						
漏电流 Leakage current	<1mA						
最大灯负载 Output load (lamp load)	5W						
输出电流 "1" Output Current "1"	0.5A		2.5A			0.5A	
过流保护阈值 Overcurrent protection threshold	1.5A, 5ms						
触点机械寿命 Contact mechanical life	--						
触点电气寿命 (额定负载) Output load (mechanical load), Max.	--						
开关频率 / Switching frequency							
● 阻性负载, 最大 Max resistive load	100HZ						
● 感性负载, 最大 Max inductive load	0.5HZ						
● 灯负载, 最大 Max lamp load	10HZ						
● 机械负载, 最大 Max mechanical load	--						
绝缘测试电压 Insulation test voltage	500VDC						
隔离 / Isolation							
● 通道与总线之间 Between the channel and the bus	有 / Yes						
● 通道间 Between channels	有 / Yes						
显示指示 Displays instructions	每通道输入绿色LED显示 / Green LED display for each channel input						

产品规格 / Specification

订货数据 / Ordering data							
订货号 Order number	AU7 822-1BH22-H	AU7 822-1NH22-H	AU7 822-HBH22-H	AU7 822-HNH22-H	AU7 822-1BL22-H	AU7 822-1NL22-H	AU7 822-1NL22-MIL
系统电源诊断和警告 System power diagnostics and warnings	支持 / Support						
工作环境 Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60° C, Relative air humidity: 5%~90% (no condensation)						
尺寸 / (LxWxH)	12*103*82			24*103*82		24*100*88	

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM822H数字量输出模块, 16输出, 晶体管PNP型, 额定24VDC/0.5A、模块诊断功能, 端子可插拔 SM822H digital output module, 16 outputs, transistor PNP type, rated 24VDC/0.5A, module diagnostic function, terminal pluggable	AU7 822-1BH22-H
SM822H数字量输出模块, 16输出, 晶体管NPN型, 模块诊断功能, 端子可插拔 SM822H digital output module, 16 outputs, transistor NPN type, module diagnostic function, pluggable terminals	AU7 822-1NH22-H
SM822H数字量输出模块, 16输出, 晶体管PNP型, 额定24VDC/2.5A、总计最大10A, 模块诊断功能, 端子可插拔 SM822H digital output module, 16 outputs, transistor PNP type, rated 24VDC/2.5A, total max. 10A, module diagnostic function, terminal pluggable	AU7 822-HBH22-H
SM822H数字量输出模块, 16输出, 晶体管NPN型, 额定0VDC/2.5A、总计最大10A, 模块诊断功能, 端子可插拔 SM822H digital output module, 16 outputs, transistor NPN type, rated 0VDC/2.5A, total max. 10A, module diagnostic function, terminal pluggable	AU7 822-HNH22-H
SM822H数字量输出模块, 32输出, 晶体管PNP型, 额定24VDC/0.5A、模块诊断功能, 端子可插拔 SM822H digital output module, 32 outputs, transistor PNP type, rated 24VDC/0.5A, module diagnostic function, terminal pluggable	AU7 822-1BL22-H
SM822H数字量输出模块, 32输出, 晶体管NPN型, 模块诊断功能, 端子可插拔 SM822H digital output module, 32 outputs, transistor NPN type, module diagnostic function, terminal pluggable	AU7 822-1NL22-H
SM822M数字量输出模块, 32输出, 晶体管NPN型, 模块诊断功能, 可插拔MIL牛角插座 SM822M digital output module, 32 outputs, transistor NPN type, module diagnostic function, pluggable MIL horn socket	AU7 822-1NL22-MIL

SM823 数字量输入输出模块 Digital I/O module

产品特点/Features

- 输入双向光电隔离 Input two-way optoelectronic isolation
- 极性反接保护功能 Reverse polarity protection function
- 过压、过流保护功能 Over-voltage and over-current protection function
- 总线、通道隔离技术 Bus and channel isolation technology
- 兼容设计，应用方便 Compatible design, easy to apply

产品规格 / Specification

订货数据 / Ordering data			
型号 / Model	SM823H 8DI/8DO		SM823M 16DI/16DO
产品图片 / Images			
产品概述 / Overview	8点输入、8点可配置PNP型输出 8-channel input 8-point configurable PNP type output	8点输入、8点可配置NPN型输出 8-channel input 8-point configurable NPN type output	16点输入、16点晶体管NPN型输出 MIL快速连接插座 16-channel input, 16-point transistor NPN type output MIL Quick Connect Receptacle
技术参数 / Technical parameters			
订货号 / Order number	AU7 823-1BH22-H	AU7 823-1NH22-H	AU7 823-1ML22-MIL
输入特性 / Input characteristics			
输入点数 / Input channels	最大16 (8点固定+8点可配置) Up to 16 (8 points fixed + 8 points configurable)		16
输入电压 / Input voltage			
● 额定值 / Rated value	24VDC		
● “0” / False	最大5VDC, 1mA / 5VDC Max. 1mA		
● “1” / True	最小15VDC, 2.5mA / 15VDC Min. 2.5mA		
输入延时 / Digital input delay			
● 从0到1, 最小 From 0 to 1, Max	1.2~4.8ms		
● 从1到0, 最小 From 1 to 0, Max	1.2~4.8ms		
输入特性 / Input mode	固定的8点位支持源型/漏型, 可配置的8点支持源型 Fixed 8-channel support for Sinking/Sourcing. The configurable 8-channel support is source-based	固定的8点位支持源型/漏型, 可配置的8点支持漏型 Fixed 8-channel support for Sinking/Sourcing. The configurable 8-channel support is sink-based	源型/漏型 / Sinking/Sourcing
输出类型 Output type	MOSFET, PNP	MOSFET, NPN	MOSFET, NPN
输出点数 Output channels	最大8 (2路一组配置) / Max. 8 (2-point configuration)		16
电缆长度 (屏蔽) Cable length (shielded)	最长500m / up to 500m		
电缆长度 (非屏蔽) Cable length (unshielded)	输入点最长300m, 输出点最长150m Input channels: up to 300m, Output channels: up to 150m		
输出短路保护 / Output short circuit protection	有、电子式 / Yes, electronic		
最大灯负载 Output load (lamp load)	5W		
输出电流 “1” Output Current “1”	0.5A		

产品规格 / Specification

订货数据 / Ordering data			
型号 / Model	SM823H 8DI/8DIO		SM823M 16DI/16DO
订货号 / Order number	AU7 823-1BH22-H	AU7 823-1NH22-H	AU7 823-1ML22-MIL
开关频率 / Switching frequency			
● 阻性负载, 最大 Max resistive load			100HZ
● 感性负载, 最大 Max inductive load			0.5HZ
● 灯负载, 最大 Max lamp load			10HZ
● 机械负载, 最大 Max mechanical load			--
绝缘测试电压 Insulation test voltage			500VDC
隔离 / Isolation			
● 通道与总线之间 Between the channel and the bus			有 / Yes
● 通道间 Between channels			有 / Yes
显示指示 Displays instructions	每通道输入绿色LED显示 / Green LED display for each channel input		
工作环境 Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60° C, Relative air humidity: 5%~90% (no condensation)		
尺寸 (长×宽×高)	12*103*82		24*100*80

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM823H数字量输入输出模块, 8输入 (支持共阴/共阳), 8DIO (PNP输入/PNP输出可配置, 2路一组配置), 模块诊断功能 SM823H digital I/O module, 8 inputs (support sinking or sourcing), 8DIO (PNP input/PNP output configurable, 2 channels in a group configuration), module diagnostic function	AU7 823-1BH22-H 规划中产品/Not listed
SM823H数字量输入输出模块, 8输入 (支持共阴/共阳), 8DIO (NPN输入/NPN输出可配置, 2路一组配置), 模块诊断功能 SM823H digital I/O module, 8 inputs (support sinking or sourcing), 8DIO (NPN input/NPN output configurable, 2 channels in a group configuration), module diagnostic function	AU7 823-1NH22-H 规划中产品/Not listed
SM823H数字量输入输出模块, 16输入 (支持共阴/共阳), 16输出, 晶体管NPN型, 模块诊断功能, 可插拔MIL牛角插座 SM823H digital I/O module, 16 inputs (support sinking or sourcing), 16DO (NPN), module diagnostic function, Pluggable MIL socket	AU7 823-1ML22-MIL

SM831H 模拟量输入模块 / Analog input module

产品特点/Features

- 种类丰富，应用范围更广 Rich variety, wider range of applications
- 通过XML文件配置量程，使用更灵活 Configure the range through XML file, which is more flexible
- 总线隔离技术、可靠 Bus isolation technology and reliability

产品规格/Specification

订货数据 / Ordering data	
型号 / Model	SM831H 4AI
产品图片 / Images	
产品概述 / Overview	4通道输入、电压/电流型，性能稳定、抗干扰性强 4-channel input, voltage/current type Stable performance and strong anti-interference performance
技术参数 / Technical parameters	
订货号 / Order number	AU7 831-0HC22-H
输入点数/Input channels	4AI, 电压型/电流型 4AI, Voltage/Current
输入类型/Input type	差分输入 / Differential signals
背板功耗（满载） Rated bus input current (Us, at full load)	46mA
电缆长度（屏蔽双绞线） Cable length (Shielded twisted pair)	最长100m / up to 100m
供电极性保护 Power supply polarity protection	支持 / support
最大可持续电压 Maximum sustainable voltage	30VDC
量程 / Range	
电压（单极性） Voltage (Unipolar)	0~10V, 0~5V
电压（双极性） Voltage (Bipolar)	±10V, ±5V
电流 / Current	0~20mA、4~20mA
数据字 / Data range	
单极性 / Unipolar	0~32000, 满量程 / 0~32000, full range
双极性 / Bipolar	-32000~32000, 满量程 / -32000~32000, full range
分辨率 / Resolution	
电压（单极性） Voltage (Unipolar)	12bit
电压（双极性） Voltage (Bipolar)	11bit + 符号位 / 11bit + Symbol bits
电流 / Current	11bit
模数转换时间 Analog-to-digital conversion time	<300us
模拟输入阶跃响应 Simulates input step response	15ms到95% / 15ms to 95%
共模抑制 Common mode rejection	40dB, DC~60HZ
共模电压 Common-mode voltage	信号电压+共模电压（+12V内） / Signal Voltage + Common Mode Voltage (within +12V)
输入阻抗 Input impedance	≥10MΩ (电压输入时) / ≥10MΩ (at the time of voltage input)

产品规格 / Specification

订货数据 / Ordering data	
型号 / Model	SM831H 4AI
订货号 / Order number	AU7 831-0HC22-H
隔离 / Isolation	
通道与总线之间 Between the channel and the bus	有 / Yes
显示指示 / Displays instructions	电源供电绿色LED显示 / Power supply green LED display
系统电源诊断和警告 System power diagnostics and warnings	支持 / Support
工作环境 / Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)
尺寸 / (LxWxH)	12*103*82

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM831H模拟量输入模块, 4输入, 电压/电流输入, 12bit精度、模块诊断功能, 端子可插拔 SM831H analog input module, 4 inputs, voltage/current input, 12bit accuracy, module diagnosis function, terminal pluggable	AU7 831-0HC22-H

SM831H 模拟量输入模块 / Analog input module

产品特点/Features

- 分辨率14位 14-bit resolution
- 通过XML文件配置量程，使用更灵活 Configure the range through XML file, which is more flexible

产品规格/Specification

订货数据 / Ordering data				
型号 / Model	SM831H 4AI	SM831H 8AI	SM831H 4AI	SM831H 8AI
产品图片 / Images				
产品概述 / Overview	4通道输入 电压型 性能稳定 抗干扰性能强	8通道输入 电压型 性能稳定 抗干扰性能强	4通道输入 电流型 性能稳定 抗干扰性能强	8通道输入 电流型 性能稳定 抗干扰性能强
技术参数 / Technical parameters				
订货号 / Order number	AU7 831-0VC22-H	AU7 831-0VF22-H	AU7 831-0IC22-H	AU7 831-0IF22-H
背板功耗 (满载) Rated bus input current (Us, at full load)	59mA	52mA	57mA	43mA
电缆长度 (屏蔽双绞线) Cable length (Shielded twisted pair)	最长100m / up to 100m			
供电极性保护 / Power supply polarity protection	支持 / support			
量程 / Range				
电压 (单极性) Voltage (Unipolar)	0~10V, 0~5V		--	--
电压 (双极性) Voltage (Bipolar)	±10V, ±5V		--	--
电流 / Current	--	--	0~20mA、4~20mA	
数据字 / Data range				
单极性 / Unipolar	0~32000, 满量程 / 0~32000, full range			
双极性 / Bipolar	-32000~32000, 满量程 / -32000~32000, full range		--	
模拟量输入特性 / Analog input characteristics				
输入点数 Input channels	4	8	4	8
输入类型 / Input type	差分输入 / Differential signals			
最大可持续电压 Max. sustainable voltage	30VDC			
隔离 / Isolation				
通道与总线之间 Between the channel and the bus	有 / Yes			
显示指示 Displays instructions	电源供电绿色LED显示 / Power supply green LED display			
系统电源诊断和警告 System power diagnostics and warnings	支持 / Support			
工作环境 / Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)			
尺寸 / (LxWxH)	12*103*82			

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM831H模拟量输入模块, 4输入, 电压输入, 14bit精度、模块诊断功能, 端子可插拔 SM831H analog input module, 4 inputs, voltage input, 14bit, module diagnosis function, terminal plugging and unplugging	AU7 831-0VC22-H
SM831H模拟量输入模块, 8输入, 电压输入, 14bit精度、模块诊断功能, 端子可插拔 SM831H analog input module, 8 inputs, voltage input, 14bit, module diagnosis function, terminal plugging and unplugging	AU7 831-0VF22-H
SM831H模拟量输入模块, 4输入, 电流输入, 14bit精度、模块诊断功能, 端子可插拔 SM831H analog input module, 4 inputs, current input, 14bit, module diagnosis function, terminal plugging and unplugging	AU7 831-0IC22-H
SM831H模拟量输入模块, 8输入, 电流输入, 14bit精度、模块诊断功能, 端子可插拔 SM831H analog input module, 8 inputs, current input, 14bit, module diagnosis function, terminal plugging and unplugging	AU7 831-0IF22-H

SM831H 模拟量输入模块 / Analog input module

产品特点/Features

- 分辨率16位 16-bit resolution
- 通过XML文件配置量程, 使用更灵活 Configure the range through XML file, which is more flexible

产品规格 / Specification

订货数据 / Ordering data							
型号 / Model	SM831H 4AI	SM831H 8AI	SM831H 4AI	SM831H 8AI	SM831H 4AI	SM831H 8AI	
产品图片 / Images							
产品概述 / Overview	4通道输入 电压型 性能稳定 抗干扰性强 4 AI voltage Stable performance Strong anti-interference performance	8通道输入 电压型 性能稳定 抗干扰性强 8 AI voltage Stable performance Strong anti-interference performance	4通道输入 电流型 性能稳定 抗干扰性强 4 AI current Stable performance Strong anti-interference performance	8通道输入 电流型 性能稳定 抗干扰性强 8 AI current Stable performance Strong anti-interference performance	4通道输入 电压/电流型 性能稳定 抗干扰性强 4 AI voltage/current Stable performance Strong anti-interference performance	8通道输入 电压/电流型 性能稳定 抗干扰性强 4 AI voltage/current Stable performance Strong anti-interference performance	
技术参数 / Technical parameters							
订货号 Order number	AU7 831-7VC22-H	AU7 831-7VF22-H	AU7 831-7IC22-H	AU7 831-7IF22-H	AU7 831-7HC22-H	AU7 831-7HF22-H	AU7 831-0HF22-H
背板功耗 (满载) Rated bus input current (Us, at full load)	61mA	52mA	60mA	43mA	41mA		
电缆长度 (屏蔽双绞线) Cable length (Shielded twisted pair)	最长100m / up to 100m						
供电极性保护 / Power supply polarity protection	支持 / support						
量程 / Range							
电压 (单极性) Voltage (Unipolar)	0~10V, 0~5V		--	--	--		
电压 (双极性) Voltage (Bipolar)	±10V, ±5V		--	--	±10V		
电流 / Current	--	--	0~20mA、4~20mA			0~20mA	
数据字 / Data range							
单极性 / Unipolar	0~32000, 满量程 / 0~32000, full range						
双极性 / Bipolar	-32000~32000, 满量程 -32000~32000, full range		--		-32000~32000, 满量程 -32000~32000, full range		
模拟量输入特性 / Analog input characteristics							
输入点数 Input channels	4	8	4	8	4	8	
输入类型/Input type	差分输入 / Differential signals						
最大可持续电压 Max. sustainable voltage	30VDC						
隔离 / Isolation							
通道与总线之间 Between the channel and the bus	有 / Yes						
显示指示 Displays instructions	电源供电绿色LED显示 / Power supply green LED display						

产品规格 / Specification

订货数据 / Ordering data						
型号 / Model	SM831H 4AI	SM831H 8AI	SM831H 4AI	SM831H 8AI	SM831H 4AI	SM831H 8AI
隔离 / Isolation						
系统电源诊断和警告 System power diagnostics and warnings	支持 / Support					
工作环境 / Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)					
尺寸 / (LxWxH)	12*103*82				24*103*82	

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM831H模拟量输入模块, 4输入, 电压输入, 16bit高精度、模块诊断功能, 端子可插拔 SM831H analog input module, 4 AI, voltage input, 16bit high precision, module diagnostic function, terminal plugging and unplugging	AU7 831-7VC22-H
SM831H模拟量输入模块, 8输入, 电压输入, 16bit高精度、模块诊断功能, 端子可插拔 SM831H analog input module, 8 AI, voltage input, 16bit high precision, module diagnostic function, terminal plugging and unplugging	AU7 831-7VF22-H
SM831H模拟量输入模块, 4输入, 电流输入, 16bit高精度、模块诊断功能, 端子可插拔 SM831H analog input module, 4 AI, current input, 16bit high precision, module diagnostic function, terminal plugging and unplugging	AU7 831-7IC22-H
SM831H模拟量输入模块, 8输入, 电流输入, 16bit高精度、模块诊断功能, 端子可插拔 SM831H analog input module, 8 AI, current input, 16bit high precision, module diagnostic function, terminal plugging and unplugging	AU7 831-7IF22-H
SM831H模拟量输入模块, 4输入, 电压/电流输入, 16bit高精度、模块诊断功能, 端子可插拔 SM831H analog input module, 4 AI, voltage/current input, 16bit high precision, module diagnostic function, terminal pluggable	AU7 831-7HC22-H
SM831H模拟量输入模块, 8输入, 电压/电流输入, 16bit高精度、模块诊断功能, 端子可插拔 SM831H analog input module, 8 AI, voltage/current input, 16bit high precision, module diagnostic function, terminal pluggable	AU7 831-7HF22-H
SM831H模拟量输入模块, 8输入, 电压/电流输入, 14bit精度、模块诊断功能, 端子可插拔 SM831H analog input module, 8 AI, voltage/current input, 14bit precision, module diagnostic function, terminal pluggable	AU7 831-0HF22-H

SM832H 模拟量输出模块 / Analog output module

产品特点/Features

- 种类多, 选型方便 There are many types and easy to select
- 过压、过流输出保护功能 Over-voltage and over-current output protection function
- 总线隔离技术、可靠 Bus isolation technology and reliability

产品规格 / Specification

订货数据 / Ordering data				
型号 / Model	SM832H 4A0		SM832H 8A0	
产品图片 / Images				
产品概述 / Overview	4通道输出电压、电流型 性能稳定, 抗干扰性能强 4-channel output voltage and current type Stable performance and strong anti-interference performance		8通道输出电压、电流型 性能稳定, 抗干扰性能强 8-channel output voltage and current type Stable performance and strong anti-interference performance	
技术参数 / Technical parameters				
订货号 / Order number	AU7 832-7VD22-H	AU7 832-7ID22-H	AU7 832-7VF22-H	AU7 832-7IF22-H
输出点数 Output channels	4		8	
输出类型/Output type	电压 / Voltage	电流 / Current	电压 / Voltage	电流 / Current
背板功耗 (满载) Rated bus input current (Us, at full load)	48mA	47mA	38mA	
电缆长度 (屏蔽双绞线) Cable length (Shielded twisted pair)	最长100m / up to 100m			
供电极性保护 / Power supply polarity protection	支持 / Support			
最大可持续电压 Max. sustainable voltage	30VDC			
量程 / Range				
电压 (单极性) Voltage (Unipolar)	0~10V	--	0~10V	--
电压 (双极性) Voltage (Bipolar)	±10V	--	±10V	--
电流 / Current	--	0~20mA、4~20mA	--	0~20mA、4~20mA
数据字 / Data range				
电压 / Voltage	-32000~32000, 满量程 -32000~32000, full range	--	-32000~32000, 满量程 -32000~32000, full range	--
电流 (0~20mA) Current (0~20mA)	--	0~32000, 满量程 0~32000, full range	--	0~32000, 满量程 0~32000, full range
电流 (4~20mA) Current (4~20mA)	--	0~32000, 满量程 0~32000, full range	--	0~32000, 满量程 0~32000, full range
分辨率 / Resolution				
电压 / Voltage	16bit	--	16bit	--
电流 / Current	--	16bit	--	16bit
模数转换时间 Analog-to-digital conversion time	<300us			
模拟电压输出阶跃响应 Analog voltage output step response	0.2ms到95% / 0.2ms to 95%			

产品规格 / Specification

订货数据 / Ordering data			
型号 / Model	SM832H 4A0		SM832H 8A0
订货号 / Order number	AU7 832-7VD22-H	AU7 832-7ID22-H	AU7 832-7VF22-H AU7 832-7IF22-H
模拟电流输出阶跃响应 Analog current output step response	1.2ms到95% / 1.2ms to 95%		
输出误差 Output error	通常±0.5%，最大±2% / Typically ± 0.5%, maximum ±2%		
共模电压 Common-mode voltage	信号电压+共模电压 (±12V内) Signal Voltage + Common Mode Voltage (within ±12V)		
输出负载 Output load	电压输出: 5000Ω (最小) 电流输出: 500Ω (最大) Voltage Output: 5000Ω (Min) Current Output: 500Ω (Max)		
隔离 / Isolation			
通道与总线之间 Between the channel and the bus	有 / Yes		
系统电源诊断和警告 System power diagnostics and warnings	支持 / Support		
显示指示 Displays instructions	电源供电绿色LED显示 / Power supply green LED display		
工作环境 Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)		
尺寸 / (LxWxH)	12*103*82		

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM832H模拟量输出模块, 4输出, 16位精度, 电压输出, ±10V、模块诊断功能, 端子可插拔 SM832H analog output module, 4A0, 16-bit accuracy, voltage output, ± 10V, module diagnostic function, terminal pluggable	AU7 832-7VD22-H
SM832H模拟量输出模块, 4输出, 16位精度, 电流输出, 0~20mA、模块诊断功能, 端子可插拔 SM832H analog output module, 4A0, 16-bit accuracy, current output, 0~20mA, module diagnosis function, terminal pluggable	AU7 832-7ID22-H
SM832H模拟量输出模块, 8输出, 16位精度, 电压输出, ±10V、模块诊断功能, 端子可插拔 SM832H analog output module, 8 A0, 16-bit accuracy, voltage output, ± 10V, module diagnostic function, terminal pluggable	AU7 832-7VF22-H
SM832H模拟量输出模块, 8输出, 16位精度, 电流输出, 0~20mA、模块诊断功能, 端子可插拔 SM832H analog output module, 8 outputs, 16-bit accuracy, current output, 0~20mA, module diagnostic function, terminal pluggable	AU7 832-7IF22-H

SM832H 模拟量输出模块 / Analog output module

产品特点/Features

- 过压、过流输出保护功能 Over-voltage and over-current output protection function
- 总线隔离技术、可靠 Bus isolation technology and reliability
- 支持电流、电压输出 Support current and voltage output

产品规格 / Specification

订货数据 / Ordering data				
型号 / Model	SM832H 4A0		SM832H 8A0	
产品图片 / Images				
产品概述 / Overview	4通道输出、电压、电流型 4A0, voltage, current type		8通道输出、电压、电流型 8A0, voltage, current type	
技术参数 / Technical parameters				
订货号 / Order number	AU7 832-0HD22-H	AU7 832-7HD22-H	AU7 832-7HF22-H	AU7 832-0HF22-H
输出点数 Output channels	4		8	
输出类型/Output type	电压、电流 / Voltage, current			
背板功耗 (满载) Rated bus input current (Us, at full load)	150mA			
电缆长度 (屏蔽双绞线) Cable length (Shielded twisted pair)	最长100m / up to 100m			
供电极性保护 / Power supply polarity protection	支持 / Support			
最大可持续电压 Max. sustainable voltage	30VDC			
量程 / Range				
电压 (单极性) Voltage (Unipolar)	0~10V			
电压 (双极性) Voltage (Bipolar)	±10V			
电流 / Current	0~20mA			
数据字 / Data range				
电压 / Voltage	-32000~32000, 满量程 -32000~32000, full range			
电流 (0~20mA) Current (0~20mA)	0~32000, 满量程 0~32000, full range			
分辨率 / Resolution				
电压 / Voltage	14bit	16bit		14bit
电流 / Current	14bit	16bit		14bit
模数转换时间 Analog-to-digital conversion time	<300us			
模拟电压输出阶跃响应 Analog voltage output step response	0.2ms到95% / 0.2ms to 95%			

产品规格 / Specification

订货数据 / Ordering data			
型号 / Model	SM832H 4A0		SM832H 8A0
订货号 / Order number	AU7 832-0HD22-H	AU7 832-7HD22-H	AU7 832-7HF22-H AU7 832-0HF22-H
模拟电流输出阶跃响应 Analog current output step response	1.2ms到95% / 1.2ms to 95%		
输出误差 Output error	通常±0.5%，最大±2% / Typically ± 0.5%, maximum ±2%		
共模电压 Common-mode voltage	信号电压+共模电压 (±12V内) Signal Voltage + Common Mode Voltage (within ±12V)		
输出负载 Output load	电压输出: 5000Ω (最小) 电流输出: 500Ω (最大) Voltage Output: 5000Ω (Min) Current Output: 500Ω (Max)		
隔离 / Isolation			
通道与总线之间 Between the channel and the bus	有 / Yes		
系统电源诊断和警告 System power diagnostics and warnings	支持 / Support		
显示指示 Displays instructions	电源供电绿色LED显示 / Power supply green LED display		
工作环境 Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)		
尺寸 / (LxWxH)	12*103*82		24*103*82

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM832H模拟量输出模块, 4输出, 14位精度, 电压输出±10V、电流输出0~20mA、模块诊断功能, 端子可插拔 SM832H analog output module, 4 A0, 14-bit accuracy, voltage output±10V, current output 0~20mA, module diagnosis function, terminal pluggable	AU7 832-0HD22-H
SM832H模拟量输出模块, 4输出, 16位精度, 电压输出±10V、电流输出0~20mA、模块诊断功能, 端子可插拔 SM832H analog output module, 4 A0, 16-bit accuracy, voltage output±10V, current output 0~20mA, module diagnosis function, terminal pluggable	AU7 832-7HD22-H
SM832H模拟量输出模块, 8输出, 14位精度, 电压输出±10V、电流输出0~20mA、模块诊断功能, 端子可插拔 SM832H analog output module, 8 A0, 14-bit accuracy, voltage output±10V, current output 0~20mA, module diagnosis function, terminal pluggable	AU7 832-7HF22-H
SM832H模拟量输出模块, 8输出, 16位精度, 电压输出±10V、电流输出0~20mA、模块诊断功能, 端子可插拔 SM832H analog output module, 8 A0, 16-bit accuracy, voltage output±10V, current output 0~20mA, module diagnosis function, terminal pluggable	AU7 832-0HF22-H

SM831H 热电阻测量模块 / RTD measurement module

产品特点/Features

- 通过XML文件配置类型 Configure the type via an XML file
- 先进滤波算法，采样更稳定 Advanced filtering algorithm, more stable sampling
- 总线隔离技术、可靠 Bus isolation technology and reliability

产品规格 / Specification

订货数据 / Ordering data	
型号 / Model	SM831H 热电阻测量模块 / RTD measurement module
产品图片 / Images	 
产品概述 / Overview	<p>4通道RTD输入 / 4-channel RTD input 性能稳定 / Stable performance 抗干扰性强 / Strong anti-interference performance</p> <p>8通道RTD输入 / 8-channel RTD input 性能稳定 / Stable performance 抗干扰性强 / Strong anti-interference performance</p>
技术参数 / Technical parameters	
订货号 / Order number	AU7 831-7PC22-H AU7 831-7RF22-H
输入点数 Input channels	4 8
输入类型/Input type	热电阻 / RTD
背板功耗（满载） Rated bus input current (Us, at full load)	65mA 57mA
供电极性保护 / Power supply polarity protection	支持 / support
最大可持续电压 Max sustainable voltage	30VDC
输入范围 Enter a range	热电阻类型（任选一种） / RTD Type (choose one): Pt-100 Ω, 200 Ω, 500 Ω, 1000 Ω (α=3850PPM, 3920PPM, 3850.55PPM, 3916PPM, 3902PPM) ; Pt-10000 Ω (α=3850PPM) ; Cu-9.035 Ω (α=4720PPM) ; Ni-10 Ω, 120 Ω, 1000 Ω (α=6720PPM, 6178PPM) ; R-150 Ω, 300 Ω, 600 Ω
测量原理 Measuring principle	Sigma-Delta
数据字 / Data range	-27648~+27648
分辨率 / Resolution	
温度 / Temperature	0.1°C/0.1°F
电压 / Voltage	--
电阻 / Resistance	15位+符号位 / 15bit + sign bits
测量转换时间 / Measure the changeover time	<400ms
共模抑制 Common mode rejection	>125dB, AC120V
电缆长度（补偿导线） Cable length (compensation wire)	最长30m / up to 30m
导线回路电阻 Wire loop resistance	最大为100 Ω / Max 100 Ω
输入阻抗 Input impedance	≥1M Ω

产品规格 / Specification

订货数据 / Ordering data	
型号 / Model	SM831H 热电阻测量模块 / RTD measurement module
订货号 / Order number	AU7 831-7PC22-H AU7 831-7RF22-H
分辨率 / Resolution	
基本误差 Fundamental error	≤0.1%FS
一致性 / Consistency	0.05%FS
冷端误差 Cold junction error	--
隔离 / Isolation	
通道与总线之间 Between the channel and the bus	有 / Yes
电源与总线之间 Between the power supply and the bus	有 / Yes
通道与电源之间 Between the channel and the power supply	有 / Yes
显示指示 Displays instructions	电源供电绿色LED显示、断线检测报警显示 Green LED display for power supply, disconnection detection and alarm display
系统电源诊断和警告 System power diagnostics and warnings	支持 / Support
工作环境 Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)
尺寸 / (LxWxH)	12*103*82 24*103*82

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM831H模拟量热电阻模块, 4输入, 16位精度, PT100、PT1000等、模块诊断功能, 端子可插拔 SM831H analog resistance module, 4 inputs, 16-bit accuracy, PT100, PT1000, etc., module diagnostic function, terminal pluggable	AU7 831-7PC22-H
SM831H模拟量热电阻模块, 8输入, 16位精度, PT100、PT1000等、模块诊断功能, 端子可插拔 SM831H analog resistance module, 8 inputs, 16-bit accuracy, PT100, PT1000, etc., module diagnostic function, terminal pluggable	AU7 831-7RF22-H

SM831H 热电偶测量模块 / Thermocouple measurement module

产品特点/Features

- 通过XML文件配置类型 Configure the type via an XML file
- 先进滤波算法，采样更稳定 Advanced filtering algorithm, more stable sampling
- 总线隔离技术、可靠 Bus isolation technology and reliability

产品规格 /Specification

订货数据 / Ordering data	
型号 / Model	SM831H 热电偶测量模块 / Thermocouple measurement module
产品图片 / Images	 
产品概述 / Overview	4通道TC输入 / 4-channel TC input 性能稳定 / Stable performance 抗干扰性能强 / Strong anti-interference performance
	8通道TC输入 / 8-channel TC input 性能稳定 / Stable performance 抗干扰性能强 / Strong anti-interference performance
技术参数 / Technical parameters	
订货号 / Order number	AU7 831-7PD22-H
	AU7 831-7PF22-H
输入点数 Input channels	4
	8
输入类型/Input type	热电偶 / Thermocouple
背板功耗（满载） Rated bus input current (Us, at full load)	52mA
	85mA
供电极性保护 / Power supply polarity protection	支持 / Support
最大可持续电压 Max sustainable voltage	30VDC
输入范围 Enter a range	热电偶类型（任选一种） / TC Type (choose one): S/T/R/E/N/K/J; 电压范围 / Voltage range : $\pm 80\text{mV}$
测量原理 Measuring principle	Sigma-Delta
数据字 / Data range	--
分辨率 / Resolution	
温度 / Temperature	0.1°C/0.1°F
电压 / Voltage	15位+符号位 / 15bit + sign bits
电阻 / Resistance	--
测量转换时间 / Measure the changeover time	<400ms
共模抑制 Common mode rejection	85dB, DC-50HZ/60HZ/400HZ
电缆长度（补偿导线） Cable length (compensation wire)	最长30m / up to 30m
导线回路电阻 Wire loop resistance	最大为20Ω / Max 20Ω
输入阻抗 Input impedance	$\geq 10\text{M}\Omega$

SM841H 串口通信模块 / Serial communication module

产品特点/Features

- 2个RS422/RS232/RS485接口
- 支持Modbus-RTU和自由口协议
- 波特率最快115.2Kbps, 稳定可靠
- 通过软件配置串口参数, 主站无需编程, 使用简便
- 2 RS422/RS232/RS485 interfaces
- Support Modbus-RTU and free port protocol
- The fastest baud rate is 115.2Kbps, which is stable and reliable
- The serial port parameters are configured through the software, and the master station does not need to be programmed, which is easy to use

产品规格 / Specification

订货数据 / Ordering data	
型号 / Model	SM841H 串口通信模块 / Serial communication module
产品图片 / Images	
技术参数 / Technical parameters	
订货号 / Order number	AU7 841-COM22-H
接口 / Interface	2个RS422/RS232/RS485
串口支持协议 Support protocols	Modbus-RTU主站、从站, 自由口模式 / Modbus-RTU master, slave, free port mode
数据传输速率 Data transfer rate	1200bps、2400bps、4800bps、9.6Kbps、19.2Kbps、38.4Kbps、57.6Kbps、115.2Kbps
校验位 / Check digit	无校验、奇校验、偶校验 / no checksum, odd check, or even check
停止位 / Stop bits	1、1.5、2
数据位 / Data bits	7、8
背板功耗(满载) Rated bus input current (Us, at full load)	<70mA
电缆长度(屏蔽双绞线) Cable length (shielded twisted pair)	1000m (由实际使用的波特率决定) 1000m (depending on the actual baud rate used)
分布式时钟 / Distributed clocks	不支持 / Not supported
隔离 / Isolation	
通道与总线之间 Between the channel and the bus	支持 / Support
显示指示 Displays instructions	电源供电绿色LED显示 The power supply is displayed with green LED and serial communication status LED
系统电源诊断和警告 / System power diagnostics and warnings	支持 / Support
工作环境 / Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)
尺寸 / (LxWxH)	24*103*82

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM841H串口通信模块, 2个RS422/RS232/RS485接口, 支持Modbus-RTU和自由口协议, 波特率最快115.2Kbps, 通过软件配置串口参数, 主站无需编程, 使用简便 SM841H serial port communication module, 2 RS422/RS232/RS485 interfaces, support Modbus-RTU and free port protocol, baud rate up to 115.2Kbps, serial port parameters are configured through software, the master station does not need to be programmed, and it is easy to use	AU7 841-COM22-H

SM841H IO-Link主站通信模块 / IO-Link Master

产品特点/Features

- 采用IO-Link v1.1规范设计
Designed with IO-Link v1.1 specification
- 主站支持COM1、2、3共三种通讯速率
The master station supports three communication rates: COM1, 2, and 3
- 4个Class-B接口类型
4 Class-B interface types
- 通过XML文件可配置相关参数
Relevant parameters can be configured through XML files

产品规格 / Specification

订货数据 / Ordering data	
型号 / Model	SM841H IO-Link主站通信模块 / SM841H IO-Link Master
产品图片 / Images	
技术参数 / Technical parameters	
订货号 / Order number	AU7 841-IOL4B-H
工作电压 / Operating voltage	24 VDC (18~28 VDC)
背板功耗 (满载) Rated bus input current (Us, at full load)	<200mA
系统及输入信号供电 System and input signal power supply	Us, ≤8A
辅助电源供电 / Auxiliary power supply	Ua通过端子接入, 不超过8A Ua is accessed through the terminal and does not exceed 8A
电气隔离 / Galvanic isolation	Us/Ua: 24V隔离, 0V隔离 / Us/Ua: 24V isolation, 0V isolation
IO-Link通道数 / IO-Link channels	4
IO-Link接口类型 / IO-Link interface type	Class-B
IO-Link版本 / IO-Link version	IO-Link V1.1
IO-Link传输速率 / IO-Link transmission rate	COM1 (4.8kbps)、COM2 (38.4kbps)、COM3 (230.4kbps)
电缆长度 (屏蔽双绞线) Cable length (shielded twisted pair)	≤20m
诊断 / Diagnosis	
通讯状态 / Communication status	IO-Link接LED指示, 通讯报文 IO-Link is connected to an LED indication and a communication message
供电监测 / Power supply monitoring	有, 低电压报警 / Yes, low voltage alarm
短路和过载保护 Short-circuit and overload protection	有, LED指示 / Yes, LED indication
工作环境 / Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)
尺寸 / (LxWxH)	12*103*82

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM841H IO-Link主站通信模块, 4路IO-Link接口, Class-B接口类型, 支持COM1、2、3共三种通讯速率, 自动翻转功能 SM841H IO-Link master, 4 IO-Link interfaces, Class-B interface type, support COM1, 2, 3 a total of three communication rates, automatic flip function	AU7 841-IOL4B-H

SM851H 高速计数器模块 / High-speed counter module

产品特点/Features

- 2组高速计数器 (A、B、C相)
- 单端或差分输入
- 支持的SSI时钟频率最高可达2MHz
- 支持多圈和单圈SSI编码器
- 通过XML文件可配置相关参数
- 2 sets of high-speed counters (A, B, C phases)
- Single-ended or differential inputs
- Supported SSI clock frequency up to 2MHz
- Support multiturn and singleturn SSI encoders
- Relevant parameters can be configured through XML files

产品规格 / Specification

订货数据 / Ordering data		
型号 / Model	SM851H 高速计数器模块 / High-speed counter module	SM851H 编码器SSI输入 / Encoder SSI input
产品图片 / Images		
技术参数 / Technical parameters		
订货号 / Order number	AU7 851-2HC22-H	AU7 851-SSI22-H
高速计数通道 High-speed counting channel	2通道 (A、B、C) 单端输入最大200KHZ, 差分最大1MHZ, 额定电压5VDC、24VDC 2-channel (A, B, C) single-ended input max. 200KHZ, The differential maximum is 1MHZ, and the rated voltage is 5VDC and 24VDC	2通道同步串行输入 (D+、D-、CI+、CI-) SSI时钟频率最高2MHz, 额定电压5VDC 2-channel synchronous serial input (D+, D-, CI+, CI-) SSI clocks up to 2MHz and has a rated voltage of 5VDC
背板功耗 (满载) Rated bus input current (Us, at full load)	90mA	32mA
电缆长度 (屏蔽双绞线) Cable length (shielded twisted pair)	最长100m / up to 100m	
高速计数器输入特性 High-speed counter input characteristics	RS422差分输入 / RS422 differential input	\
信号输入 (数据) Signal Input (Data)	\	RS422差分输入 / RS422 differential input
其他输入特性 / Other input characteristics	单端 (额定24V最大200KHZ)、差分 (5V最大4MHZ) Single-ended (Rated 24V Max 200KHZ), differential (5V max. 4MHZ)	串行输入数据长度32位, 可设置单圈、多圈和状态数据长度 The serial input data length is 32 bits and can be set Singleturn, multiturn, and status data lengths
信号输出 (脉冲) Signal output (pulse)	\	RS422差分输出 / RS422 differential output
数据传输速度 Data transfer speed	\	最大1MHz
分布式时钟 Distributed clocks	支持 / Support	
编码方式 / Encoding	增量式 / Incremental	不转换、二进制码或格雷码 No conversion, binary, or gray code
编码器输入额定电压 Encoder input voltage is rated	\	5V

产品规格 / Specification

订货数据 / Ordering data		
型号 / Model	SM851H 高速计数器模块 / High-speed counter module	SM851H 编码器SSI输入 / Encoder SSI input
订货号 / Order number	AU7 851-2HC22-H	AU7 851-SS122-H
高速计数模式 High-speed counting mode	1、单端计数，对A相脉冲进行计数，B为方向，B为高电平则加计数，低电平减计数。 2、差分计数，A、B相脉冲正交，A超前B相位90°则加计数，否则减计数。 3、主站使能锁存功能，可设置为上升沿或下降沿锁存，在C相上升沿、LATCH输入端的上升沿或下降沿，锁存当前计数值。 1. Single-ended counting, counting the pulse of phase A, B is the direction, B is the high level, the count is added, and the low level is subtracted. 2. Differential counting, phase A and B pulse are orthogonal, and the A is ahead of phase B by 90°, then the count is added, otherwise the count is reduced. 3. The master station enables the latching function, which can be set to the rising edge or falling edge latching, and latching the current counting value at the rising edge of the C phase and the rising edge or lower rising edge of the LATCH input terminal.	
隔离 / Isolation		
通道与总线之间 / Between the channel and the bus	支持 / Support	
显示指示 Displays instructions	电源供电绿色LED显示 The power supply is displayed with green LED and serial communication status LED	
系统电源诊断和警告 System power diagnostics and warnings	支持 / Support	
工作环境 Working environment	工作环境温度：-20~60°C，相对湿度：5%~90%（无凝露） Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)	
尺寸 / (LxWxH)	24*103*82	12*103*82

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM851H高速计数器模块，2组A、B、C计数输入，单端24VDC\PNP输入（最大200KHZ）或差分5V（最大4MHZ），支持增量式编码器输入，端子可插拔 （注：推荐单个耦合器后扩展不超过4个此模块） SM851H high-speed counter module, 2 sets of A, B, C counting inputs, single-ended 24VDC\PNP input (up to 200KHZ) or differential 5V (up to 4MHZ), support incremental encoder input, terminal pluggable (Note: It is recommended to expand no more than 4 of these modules after a single coupler)	AU7 851-2HC22-H
SM851H高速计数器模块，2组同步串行（D+、D-、CL+、CL-）输入，最大通信速率1MHZ，支持多圈或单圈SSI编码器输入，端子可插拔 （注：推荐单个耦合器后扩展不超过4个此模块） SM851H high-speed counter module, 2 sets of synchronous serial (D+, D-, CL+, CL-) inputs, maximum communication rate 1MHZ, supports multiturn or singleturn SSI encoder input, terminal pluggable (Note: It is recommended to expand no more than 4 of these modules after a single coupler)	AU7 851-SS122-H

电源中继模块/辅件

Power Relay Module/Accessories

产品规格 / Specification

技术参数 / Technical parameters			
产品名称 Product name	电源中继模块 / Power Relay Module		传感器接线供电模块 Sensor wiring power supply module
产品图片 Images			
订货号 Order number	AU7 898-24D05-H	AU7 898-24T24-H	AU7 898-24L+M-H
终端盖板 / Terminal cover			
			
电源规格 / Specification			
输入电源电压 Enter the supply voltage	24V DC(±20%)		
输出系统电压 Output system voltage	5V±5% (Us) 24V±20% (Up)	24V±20% (Up)	24VDC 用于传感器供电 It is used to power the sensor
输出系统电流 Output system current	<2000mA	<10A	
物理特性 / Physical properties			
尺寸规格 Specification	12*103*82		100*28*3
工作环境/Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90%(无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)		
存储温度 Storage temperature	-25~+85°C		
相对湿度 Relative humidity	95%, 无冷凝 / 95%, No condensation		
占用槽位 Occupy a slot	占用1个 / Occupy 1 pcs	不占用 / Not occupied	--
系统诊断与报警 System diagnostics and alarms	支持 / Support	不支持 / Not support	--

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
SM898H电源中继模块, 24DC电源中继, 同时也是5VDC隔离总线电源中继, 占用一个槽位, 通过XML文件可以监控, 端子可插拔 (注: 单个耦合器后扩展超过16个模块时, 推荐加一个电源中继模块) SM898H power relay module, 24DC power relay, is also a 5VDC isolated bus power relay, occupies a slot, can be monitored through XML file, terminal pluggable (Note: When a single coupler is expanded to more than 16 modules, it is recommended to add a power relay module)	AU7 898-24D05-H
SM898H电源中继模块, 24DC电源中继, 给扩展模块供24VDC电源, 不占用槽位, 无系统诊断、报警功能, 端子可插拔 (注: 此模块主要是解决数字量输出负载电流超过耦合器所能提供的24V电源的额定电流的场合) SM898H power relay module, 24DC power relay, 24VDC power supply to the expansion module, does not occupy slots, no system diagnosis, alarm function, terminal plugging and unplugging (Note: This module is mainly to solve the problem that the digital output load current exceeds the rated current of the 24V power supply that the coupler can provide)	AU7 898-24T24-H
SM898H传感器接线供电模块, 24DC电源供电, 用于传感器供电, 不占用槽位, 8组L+、M, 端子可插拔 SM898H sensor wiring power supply module, 24DC power supply, for sensor power supply, does not occupy slots, 8 groups of L+, M, terminals can be plugged and unplugged	AU7 898-24L+M-H
用于一个机架最后的挡板, 避免总线金手指裸露 (注: 与耦合器配套发货, 不需要额外订购) Used for the last baffle of a rack to avoid exposing the bus finger (Note: Shipped with coupler, no additional order is required)	AU7 899-END22-H

MIL端子台 / MIL terminal blocks



产品规格 / Specification

技术参数 / Technical parameters		
产品名称 / Product name	MIL端子台 / MIL terminal blocks	
订货号 / Order number	AU7 MIL10-08	AU7 MIL20-16
输入接口类型 Input interface type	10位MIL插座 / 10-position MIL socket	20位MIL插座 / 20-position MIL socket
输出接口类型 Output interface type	直插式PUSH-IN接线口 / Push-IN terminal port	
接口数位 / Interface digits	9	18
尺寸规格 / Specification	65*59*44	
工作环境 / Working environment	工作环境温度: -20~60°C, 相对湿度: 5%~90% (无凝露) Operating temperature: -20~60°C, Relative air humidity: 5%~90% (no condensation)	
防护等级 / Ingress protection	IP20	

MIL端子台 / MIL terminal blocks



产品规格 / Specification

技术参数 / Technical parameters				
产品名称 / Product name	MIL端子台 / MIL terminal blocks			
订货号 / Order number	AU7 MIL10-08R	AU7 MIL10-08RH	AU7 MIL20-16R	AU7 MIL20-16RH
输入接口类型 Input interface type	10位MIL插座 / 10-position MIL socket		20位MIL插座 / 20-position MIL socket	
额定电压 / Rated voltage	24VDC			
额定电流 / Current rating	8.3mA			
动作电压 / Operating voltage	额定电压的75% / 75% of rated voltage			
复位电压 / Reset voltage	额定电压的10% / 10% of rated voltage			
额定消耗电流 Rated current consumption	200mW			
输出接口类型 Output interface type	直插式PUSH-IN接线口 / Push-IN terminal port			
接口数位 Interface digits	10	10	20	20
触点结构 Contact structure	1常开 (1NO)			
最大允许电流 (电阻负载) Max allowable current (resistive load)	5A	10A	5A	10A
最大允许电压 Max permissible voltage	AC250V, DC30V			
最大允许电流 (COM) Max Allowable Current (COM)	12A			
动作时间 / Action time	10ms			
复位时间 / Reset time	10ms			
机械寿命 (额定负载) Mechanical life (rated load)	5000万次 (通断频率300次/分钟) / 50,000,000 times (on/off frequency 300 times/min)			
电气寿命 (额定负载) Electrical Life (Rated Load)	20万次 (通断频率30次/分钟) / 200,000 times (on/off frequency 30 times/min)			
尺寸规格 / Specification	63*83*44	132*83*44	--	
防护等级 / Ingress protection	IP20			

订货数据 / Ordering data

规格 / Specification	订货号 / Order number
10针MIL插座, 9位弹簧端子, 8位输入/输出端子台, 额定电压24VDC, 配套牛角头模块使用 10-pin MIL socket, 9-position spring terminal, 8-position input/output terminal block, rated voltage 24VDC, for use with horn head module	AU7 MIL10-08
20针MIL插座, 18位弹簧端子, 16位输入/输出端子台, 额定电压24VDC, 配套牛角头模块使用 20-pin MIL socket, 18-position spring terminal, 16-position input/output terminal block, rated voltage 24VDC, for use with horn head module	AU7 MIL20-16
20针MIL插座, 20位弹簧端子, 16位继电器输出端子台, 继电器触点最大电流5A, 配套牛角头模块使用 20-pin MIL socket, 20-bit spring terminal, 16-bit relay output terminal block, relay contact maximum current 5A, supporting horn head module	AU7 MIL20-16R
20针MIL插座, 20位弹簧端子, 16位继电器输出端子台, 继电器触点最大电流10A, 配套牛角头模块使用 20-pin MIL socket, 20-position spring terminal, 16-position relay output terminal block, relay contact maximum current 10A, supporting horn head module	AU7 MIL20-16RH 规划中产品/Not listed
10针MIL插座, 10位弹簧端子, 8位继电器输出端子台, 继电器触点最大电流5A, 配套牛角头模块使用 10-pin MIL socket, 10-position spring terminal, 8-position relay output terminal block, relay contact maximum current 5A, supporting horn head module	AU7 MIL10-08R
10针MIL插座, 10位弹簧端子, 8位继电器输出端子台, 继电器触点最大电流10A, 配套牛角头模块使用 10-pin MIL socket, 10-position spring terminal, 8-position relay output terminal block, relay contact maximum current 10A, supporting horn head module	AU7 MIL10-08RH

MIL连接线 / MIL cables

订货数据 / Ordering data



规格 / Specification	订货号 / Order number
MIL连接线, 20芯直连线, 非屏蔽线, 配套16点D1/D0模块和16位端子台使用, 020表示线长2米, 长度可定制, 增加量以10为最小单位 MIL cable, 20-core direct wire, unshielded wire, supporting 16-point D1/D0 module and 16-bit terminal block use, 020 means that the wire length is 2 meters, the length can be customized, and the increase amount is in 10 units	AU7 MIL20/20-020
MIL连接线, 20芯一分二连接线, 非屏蔽线, 配套16点D0模块和8位继电器输出端子台使用, 020表示线长2米, 长度可定制, 增加量以10为最小单位 MIL cable, 20 cores of two-way cable, unshielded wire, supporting 16-point D0 module and 8-bit relay output terminal block use, 020 means that the wire length is 2 meters, the length can be customized, and the increase amount is in 10 units	AU7 MIL20/10-020

PLC订货数据总表 / PLC Summary of order data

名称 / Name	订货号 / Order number	规格 / Specification
SM812H PLC	AU7 812-1B0AA-0AA0-H	24VDC供电, 2个RS485/RS232通信口, 支持MODBUS-RTU或者自由口协议, 最高115.2Kbps, 支持扩展32个SM800-H系列IO模块, 2个RJ45接口, 1个用于总线通讯(EtherCAT主站), 1个用于编程下载, 连接上位机等, 端子可插拔 24VDC power supply, 2 RS485/RS232 communication ports, support MODBUS-RTU or free port protocol, up to 115.2Kbps, support expansion of 32 SM800-H series IO modules, 2 RJ45 interfaces, 1 for bus communication (EtherCAT master), 1 for programming download, connection to host computer, etc., terminals can be plugged
SM812H PLC	AU7 812-1B0AA-1AA0-H	24VDC供电, 2个RS485/RS232通信口, 支持MODBUS-RTU或者自由口协议, 最高115.2Kbps, 支持扩展32个SM800-H系列IO模块, 2个RJ45接口, 1个用于总线通讯(Profinet主/从站), 1个用于编程下载, 连接上位机等, 端子可插拔 24VDC power supply, 2 RS485/RS232 communication ports, support MODBUS-RTU or free port protocol, up to 115.2Kbps, support expansion of 32 SM800-H series IO modules, 2 RJ45 interfaces, 1 for bus communication (Profinet master/slave), 1 for programming download, connection to host computer, etc., terminals can be plugged
SM813HL PLC	AU7 813-1B0AA-2AA0-HL	24VDC供电, 带显示屏、面板操作按钮, 2个RS485/RS232通信口, 支持 MODBUS-RTU 或者自由口协议, 最高115.2Kbps, 支持扩展32个SM800-H系列IO模块, 4个RJ45接口, 2个用于总线通讯(EtherCAT主站), 支持256轴 控制器, 2个用于编程下载, 连接上位机等, 端子可插拔 24VDC power supply, with display screen, panel operation buttons, 2 RS485/RS232 communication ports, support MODBUS-RTU or free port protocol, up to 115.2Kbps, support expansion of 32 SM800-H series IO modules, 4 RJ45 interfaces, 2 for bus communication (EtherCAT master), support 256 axis controllers, 2 for programming download, connect to host computers, etc., terminals can be plugged and unplugged
SM813HL PLC	AU7 813-1B0AA-2BB0-HL	24VDC供电, 带显示屏、面板操作按钮, 2个RS485/RS232通信口, 支持 MODBUS-RTU 或者自由口协议, 最高115.2Kbps, 支持扩展32个SM800-H系列IO模块, 4个RJ45接口, 2个用于总线通讯(Profinet主/从站), 2个用于编程下载, 连接上位机等, 端子可插拔 24VDC power supply, with display screen, panel operation button, 2 RS485/RS232 communication ports, support MODBUS-RTU or free port protocol, up to 115.2Kbps, support expansion of 32 SM800-H series IO modules, 4 RJ45 interfaces, 2 for bus communication (Profinet master/slave), 2 for programming download, connection to host computer, etc., terminals can be plugged and unplugged
SM815H冗余控制器 SM815H redundant PLC	AU7 815-1B0AA-0WNO-H	24VDC供电, 2个RS485/RS232通信口, 支持MODBUS-RTU或者自由口协议, 最高115.2Kbps, 支持扩展32个SM800-H系列IO模块, 2个RJ45接口, 1个用于主机冗余链路连接, 1个用于WellIAUNET扩展、编程下载、连接上位机等, 端子可插拔 24VDC power supply, 2 RS485/RS232 communication ports, support MODBUS-RTU or free port protocol, up to 115.2Kbps, support expansion of 32 SM800-H series IO modules, 2 RJ45 interfaces, 1 for host redundant link connection, 1 for WellIAUNET expansion, programming download, connection to host computer, etc., terminals can be plugged

名称 / Name	订货号 / Order number	规格 / Specification
SM816HL冗余控制器 SM816HL redundant PLC	AU7 816-1B0AA-2AW0-HL	24VDC供电, 带显示屏、面板操作按钮, 2个RS485/RS232通信口, 支持MODBUS-RTU或者自由口协议, 最高115.2Kbps, 支持扩展32个SM800-H系列IO模块, 4个RJ45接口, 1个用于主机冗余链路连接, 2个用于总线通讯 (EtherCAT主站), 1个用于WellAUNET扩展、编程下载、连接上位机等, 支持256轴控制器, 端子可插拔 24VDC power supply, with display screen, panel operation button, 2 S485/RS232 communication ports, support MODBUS-RTU or free port protocol, up to 115.2Kbps, support expansion of 32 SM800-H series IO modules, 4 RJ45 interfaces, 1 for host redundant link connection, 2 for bus communication (EtherCAT master), 1 for WellAUNET expansion, programming download, It is connected to the host computer, etc., and supports 256-axis controller, and the terminals can be plugged and unplugged

分布式IO订货数据总表 / Distributed IO Product Order Data Summary

名称 / Name	订货号 / Order number	规格 / Specification
SM877H总线耦合器 SM877H Adapter	AU7 877-ECT22-H	EtherCAT总线、2个RJ45口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带8位拨码设置站ID地址, 出厂标配终端盖板, 端子可插拔 EtherCAT bus, 2 RJ45 ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, with 8-digit DIP setting station ID address, terminal cover as standard at the factory, pluggable terminals
SM877H总线耦合器 SM877H Adapter	AU7 877-ECT22-HIS	EtherCAT总线、2个RJ45口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带8位拨码设置站ID地址, 出厂标配终端盖板, 端子可插拔 (不支持配置扩展插槽方式的主机, 如汇川5U、雷赛等) EtherCAT bus, 2 RJ45 ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, with 8-digit DIP setting station ID address, terminal cover as standard at the factory, pluggable terminals (Hosts that do not support the expansion slot configuration method)
SM877H总线耦合器 SM877H Adapter	AU7 877-ECT22-HAP	EtherCAT总线、2个D-Code航插接口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带8位拨码设置站ID地址, 出厂标配终端盖板, 端子可插拔 EtherCAT bus, 2 D-Code plug-in ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, with 8-digit DIP setting station ID address, terminal cover as standard at the factory, pluggable terminals
SM877H总线耦合器 SM877H Adapter	AU7 877-PNT22-H	Pofinet-RT总线、2个RJ45口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 自带复位出厂ID按钮, 端子可插拔 Pofinet-RT bus, 2 RJ45 ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, It comes with a reset device name, IP button, and the terminal can be plugged and unplugged
SM877H总线耦合器 SM877H Adapter	AU7 877-PNT22-HAP	Pofinet-RT总线、2个D-Code航插接口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 自带复位出厂ID按钮, 端子可插拔 Pofinet-RT bus, 2 D-Code plug-in ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, It comes with a reset device name, IP button, and the terminal can be plugged and unplugged

名称 / Name	订货号 / Order number	规格 / Specification
SM877H串口通信耦合器 SM877H serial communication Adapter	AU7 877-ECT22-COM-H	EtherCAT总线, 3个RJ45口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带6位拨码设置站ID地址, 2个RS485或RS232接口, 支持Modbus RTU和自由口协议, 端子可插拔 EtherCAT bus, 3 RJ45 ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC, with 6-digit DIP setting station ID address, 2 RS485 or RS232 interfaces, support Modbus RTU and free port protocol, terminal pluggable
SM877H串口通信耦合器 SM877H serial communication Adapter	AU7 877-PNT22-COM-H	Profinet-RT总线, 3个RJ45口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 2个RS485或RS232接口, 支持Modbus RTU和自由口协议, 端子可插拔 Profinet bus, 3 RJ45 ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC, 2 RS485 or RS232 interfaces, support Modbus RTU and free port protocol, terminal pluggable
SM877H高速计数耦合器 SM877H high-speed counting adapter	AU7 877-ECT22-2HC-H	EtherCAT总线, 2个RJ45口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带6位拨码设置站ID地址, 2组A、B、C计数输入、单端(最大200KHZ)或差分(最大4MHZ), 支持普通计数功能或倍福NC轴功能(注: 编码器24VDC输入时需串2KΩ的电阻), 端子可插拔 EtherCAT bus, 2 RJ45 ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC, with 6-digit DIP setting station ID address, 2 sets of A, B, C Counting inputs, single-ended (MAX. 200 KHZ) or Differential (MAX. 4 MHZ), Support normal counting function or BECKHOFF NC Axis function (NOTE: ENCODER 24VDC input requires a 2 KΩ resistor), and the terminals can be plugged
SM877H高速计数耦合器 SM877H high-speed counting adapter	AU7 877-PNT22-2HC-H	Profinet-RT总线, 2个RJ45口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 2组A、B、C计数输入、单端(最大200KHZ)或差分(最大4MHZ)(注: 编码器24VDC输入时需串2KΩ的电阻), 端子可插拔 Profinet-RT bus, 2 RJ45 ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC, 2 sets of A, B, C Counting inputs, single-ended (MAX. 200 KHZ) or Differential (MAX. 4 MHZ), Support normal counting function or BECKHOFF NC Axis function (NOTE: ENCODER 24VDC input requires a 2 KΩ resistor), and the terminals can be plugged
SM877H脉冲输出模块 SM877H pulse output module	AU7 877-ECT22-2PO-H	EtherCAT总线, 2个RJ45口, WellAUBUS背板总线、不可扩模块, 24VDC供电, 带6位拨码设置站ID地址, 2轴脉冲输出、单端(NPN输出最大500KHZ)或差分(输出最大500KHZ), 支持倍福NC轴功能, 端子可插拔 EtherCAT bus, 2 RJ45 ports, WellAUBUS backplane bus, non-expandable module, 24VDC, with 6-digit DIP setting station ID address, 2-axis pulse output, single-ended (NPN output max. 500 KHZ) or differential (output up to 500 kHz), support BECKHOFF NC axis, pluggable terminals
SM877H脉宽调制耦合器 SM877H PWM Adapter	AU7 877-ECT22-PWM-H	EtherCAT总线, 2个RJ45口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带6位拨码设置站ID地址, 8路PWM输出、PNP型输出, 最大5KHZ, 占空比从0~100%可设置, 修改响应速度小于2ms, 端子可插拔 EtherCAT bus, 2 RJ45 ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC, with 6-digit DIP setting station ID address, 8 PWM outputs, PNP type output, maximum 5KHZ, duty cycle can be set from 0~100%, modification response speed is less than 2ms, terminals can be plugged and unplugged

名称 / Name	订货号 / Order number	规格 / Specification
SM877H脉冲输出耦合器 SM877H pulse output adapter	AU7 877-ECT22-PT0-H	EtherCAT总线, 2个RJ45口, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带6位拨码设置站ID地址, 4轴PTO输出、PNP型输出, 最大400KHZ, 修改响应速度小于2ms, 端子可插拔 EtherCAT bus, 2 RJ45 ports, WellAUBUS backplane bus, expandable 32 modules, 24VDC, with 6-digit DIP setting station ID address, 4-axis PTO output, PNP type output, maximum 400KHZ, modification response speed less than 2ms, terminal pluggable
SM877H总线耦合器 SM877H Adapter	AU7 877-CCL22-H	CC-Link IE Field Basic总线、2个RJ45口, 具有交换机功能, WellAUBUS背板总线、可扩展16个模块, 24VDC供电, 带8位拨码设置IP地址, 出厂标配终端盖板, 端子可插拔 CC-Link IE Field Basic bus, 2 RJ45 ports, switch function, WellAUBUS backplane bus, expandable 16 modules, 24VDC, with 8-digit DIP setting IP address, factory standard terminal cover, pluggable terminals
SM877H总线耦合器 SM877H Adapter	AU7 877-CCL22-V2-H	CC-Link V2总线、1个RS485口, WellAUBUS背板总线、可扩展16个模块, 24VDC供电, 带10位拨码设置通信参数, 出厂标配终端盖板, 端子可插拔 CC-Link V2 bus, 1 RS485 ports, WellAUBUS backplane bus, expandable 16 modules, 24VDC, with 10-digit DIP to set communication parameters, factory standard terminal cover, terminal pluggable
SM877H总线耦合器 SM877H Adapter	AU7 877-TSN22-H	CC-Link IE TSN总线, 1Gbps/100Mbps通讯速率, 2个RJ45口, 具有交换机功能, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 端子可插拔 CC-Link IE TSN bus, 1Gbps/100Mbps communication rate, 2 RJ45 ports, switch function, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, pluggable terminals
SM877H总线耦合器 SM877H Adapter	AU7 877-EIP22-H	Ethernet IP总线、2个RJ45口, 具有交换机功能, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带8位拨码设置IP地址, 出厂标配终端盖板, 端子可插拔 Ethernet IP bus, 2 RJ45 ports, switch function, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, with 8-digit DIP setting IP address, factory standard terminal cover, pluggable terminals
SM877H总线耦合器 SM877H Adapter	AU7 877-1DP22-H	Profibus-DP协议总线、1个DB9接口, 9.6K~12Mbps自适应传输速率, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带8位拨码设置通信参数, 出厂标配终端盖板, 端子可插拔 Profibus-DP bus, 1*DB9 interface, 9.6K~12Mbps adaptive transmission rate, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, with 8-digit DIP to set communication parameters, factory standard terminal cover, terminal pluggable
SM877H总线耦合器 SM877H Adapter	AU7 877-DNT22-H	DeviceNet总线, 125K~500Kbps传输速率, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带8位拨码设置通信参数, 出厂标配终端盖板, 端子可插拔 DeviceNet Bus, 125K~500Kbps Transmission Rate, WellAUBUS Backplane Bus, Expandable 32 Modules, 24VDC Power Supply, with 8-Bit DIP to Set Communication Parameters, Factory Standard Terminal Cover, Terminals Pluggable
SM877H总线耦合器 SM877H Adapter	AU7 877-MLK22-H	MECHATROLINK-III总线, 2个RJ45口, 具有交换机功能, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带8位拨码设置通信参数, 出厂标配终端盖板, 端子可插拔 MECHATROLINK-III. bus, 2 RJ45 ports, switch function, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, with 8-digit DIP code to set communication parameters, factory standard terminal cover, terminal pluggable

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SM877H总线耦合器 SM877H Adapter	AU7 861-MBS22-H	Modbus-RTU协议总线、RS485, 端子接线, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带8位拨码设置通信参数, 出厂标配终端盖板, 端子可插拔 Modbus-RTU protocol bus, RS485, terminal wiring, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, with 8-digit DIP code to set communication parameters, factory standard terminal cover, terminal pluggable
SM877H总线耦合器 SM877H Adapter	AU7 863-1AA22-H	Modbus-TCP、S7-TCP/IP总线、2个RJ45口, 具有交换机功能, WellAUBUS背板总线、可扩展32个模块, 24VDC供电, 带8位拨码设置IP地址, 出厂标配终端盖板, 端子可插拔 Modbus-TCP, S7-TCP/IP bus, 2 RJ45 ports, switch function, WellAUBUS backplane bus, expandable 32 modules, 24VDC power supply, with 8-digit DIP setting IP address, factory standard terminal cover, pluggable terminals
SM821H数字量输入模块 SM821H digital input module	AU7 821-1MH22-H	16输入(支持共阴/共阳)、额定电压24VDC、模块诊断功能, 端子可插拔 16 inputs (support common cathod/common male), rated voltage 24VDC, module diagnostic function, terminal plugging and unplugging
SM821H数字量输入模块 SM821H digital input module	AU7 821-1ML22-H	32输入(支持共阴/共阳)、额定电压24VDC、模块诊断功能, 端子可插拔 32 inputs (support common cathod/common male), rated voltage 24VDC, module diagnostic function, terminal plugging and unplugging
SM821H数字量输入模块 SM821H digital input module	AU7 821-1ML22-MIL	32输入(支持共阴/共阳)、额定电压24VDC、模块诊断功能, 可插拔MIL牛角插座 32 inputs (support common catho/common male), rated voltage 24VDC, module diagnosis function, plug and unplug MIL horn socket
SM822H数字量输出模块 SM822H digital output module	AU7 822-1BH22-H	16输出, 晶体管PNP型, 额定24VDC/0.5A、模块诊断功能, 端子可插拔 16 outputs, transistor PNP type, rated 24VDC/0.5A, module diagnostic function, terminal pluggable
SM822H数字量输出模块 SM822H digital output module	AU7 822-1NH22-H	16输出, 晶体管NPN型, 额定0VDC/0.5A、模块诊断功能, 端子可插拔 16 outputs, transistor NPN type, rated 0VDC/0.5A, module diagnostic function, terminal pluggable
SM822H数字量输出模块 SM822H digital output module	AU7 822-HBH22-H	16输出, 晶体管PNP型, 额定24VDC/2.5A、总计最大10A, 模块诊断功能, 端子可插拔 16 outputs, transistor PNP type, rated 24VDC/2.5A, total max. 10A, module diagnostic function, terminal pluggable
SM822H数字量输出模块 SM822H digital output module	AU7 822-HNH22-H	16输出, 晶体管NPN型, 额定0VDC/2.5A、总计最大10A, 模块诊断功能, 端子可插拔 16 outputs, transistor NPN type, rated 0VDC/2.5A, total max. 10A, module diagnostic function, terminal pluggable
SM822H数字量输出模块 SM822H digital output module	AU7 822-1BL22-H	32输出, 晶体管PNP型, 额定24VDC/0.5A、模块诊断功能, 端子可插拔 32 outputs, transistor PNP type, rated 24VDC/0.5A, module diagnostic function, terminal pluggable
SM822H数字量输出模块 SM822H digital output module	AU7 822-1NL22-H	32输出, 晶体管NPN型, 额定0VDC/0.5A、模块诊断功能, 端子可插拔 32 outputs, transistor NPN type, rated 0VDC/0.5A, module diagnostic function, terminal pluggable

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SM822H数字量输出模块 SM822H digital output module	AU7 822-1NL22-MIL	32输出, 晶体管NPN型, 模块诊断功能, 可插拔MIL牛角插座 32 outputs, transistor NPN type, module diagnostic function, pluggable MIL horn socket
SM823H数字量输入输出模块 SM823H digital I/O module	AU7 823-1BH22-H 规划中产品 / Not listed	8输入(支持共阴/共阳), 8DIO(PNP输入/PNP输出可配置, 2路一组配置), 模块诊断功能 8 inputs (support sinking or sourcing), 8DIO (PNP input/PNP output configurable, 2 channels in a group configuration), module diagnostic function
SM823H数字量输入输出模块 SM823H digital I/O module	AU7 823-1NH22-H 规划中产品 / Not listed	8输入(支持共阴/共阳), 8DIO(NPN输入/NPN输出可配置, 2路一组配置), 模块诊断功能 8 inputs (support sinking or sourcing), 8DIO (NPN input/NPN output configurable, 2 channels in a group configuration), module diagnostic function
SM823H数字量输入输出模块 SM823H digital I/O module	AU7 823-1ML22-MIL	16输入(支持共阴/共阳)、16输出, 晶体管NPN型, 模块诊断功能, 可插拔MIL牛角插座 16 inputs (support sinking or sourcing), 16DO (NPN), module diagnostic function, Pluggable MIL socket
SM831H模拟量输入模块 SM831H analog input module	AU7 831-0HC22-H	4输入, 电压/电流输入, 12bit精度、模块诊断功能, 端子可插拔 4 inputs, voltage/current input, 12bit accuracy, module diagnosis function, terminal pluggable
SM831H模拟量输入模块 SM831H analog input module	AU7 831-0HF22-H	8输入, 电压/电流输入, 14bit精度、模块诊断功能, 端子可插拔 8 inputs, voltage/current input, 14bit accuracy, module diagnosis function, terminal pluggable
SM831H模拟量输入模块 SM831H analog input module	AU7 831-0VC22-H	4输入, 电压输入, 14bit精度、模块诊断功能, 端子可插拔 4 inputs, voltage input, 14bit, module diagnosis function, terminal plugging and unplugging
SM831H模拟量输入模块 SM831H analog input module	AU7 831-0VF22-H	8输入, 电压输入, 14bit精度、模块诊断功能, 端子可插拔 8 inputs, voltage input, 14bit, module diagnosis function, terminal plugging and unplugging
SM831H模拟量输入模块 SM831H analog input module	AU7 831-0IC22-H	4输入, 电流输入, 14bit精度、模块诊断功能, 端子可插拔 4 inputs, current input, 14bit, module diagnosis function, terminal plugging and unplugging
SM831H模拟量输入模块 SM831H analog input module	AU7 831-0IF22-H	8输入, 电流输入, 14bit精度、模块诊断功能, 端子可插拔 8 inputs, current input, 14bit, module diagnosis function, terminal plugging and unplugging
SM831H模拟量输入模块 SM831H analog input module	AU7 831-7HC22-H	4输入, 电压/电流输入, 16bit精度、模块诊断功能, 端子可插拔 4 inputs, voltage/current input, 16bit accuracy, module diagnosis function, terminal pluggable
SM831H模拟量输入模块 SM831H analog input module	AU7 831-7HF22-H	8输入, 电压/电流输入, 16bit精度、模块诊断功能, 端子可插拔 8 inputs, voltage/current input, 16bit accuracy, module diagnosis function, terminal pluggable
SM831H模拟量输入模块 SM831H analog input module	AU7 831-7VC22-H	4输入, 电压输入, 16bit精度、模块诊断功能, 端子可插拔 4 inputs, voltage input, 16bit, module diagnosis function, terminal plugging and unplugging
SM831H模拟量输入模块 SM831H analog input module	AU7 831-7VF22-H	8输入, 电压输入, 16bit精度、模块诊断功能, 端子可插拔 8 inputs, voltage input, 16bit, module diagnosis function, terminal plugging and unplugging

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SM831H模拟量输入模块 SM831H analog input module	AU7 831-71C22-H	4输入, 电流输入, 16bit精度、模块诊断功能, 端子可插拔 4 inputs, current input, 16bit, module diagnosis function, terminal plugging and unplugging
SM831H模拟量输入模块 SM831H analog input module	AU7 831-71F22-H	8输入, 电流输入, 16bit精度、模块诊断功能, 端子可插拔 8 inputs, current input, 16bit, module diagnosis function, terminal plugging and unplugging
SM832H模拟量输出模块 SM832H analog output module	AU7 832-7VD22-H	4输出, 16位精度, 电压输出, $\pm 10V$ 、模块诊断功能, 端子可插拔 4A0, 16-bit accuracy, voltage output, $\pm 10V$, module diagnostic function, terminal pluggable
SM832H模拟量输出模块 SM832H analog output module	AU7 832-71D22-H	4输出, 16位精度, 电流输出, 0~20mA、模块诊断功能, 端子可插拔 4A0, 16-bit accuracy, current output, 0~20mA, module diagnosis function, terminal pluggable
SM832H模拟量输出模块 SM832H analog output module	AU7 832-7VF22-H	8输出, 16位精度, 电压输出, $\pm 10V$ 、模块诊断功能, 端子可插拔 8A0, 16-bit accuracy, voltage output, $\pm 10V$, module diagnostic function, terminal pluggable
SM832H模拟量输出模块 SM832H analog output module	AU7 832-71F22-H	8输出, 16位精度, 电流输出, 0~20mA、模块诊断功能, 端子可插拔 8A0, 16-bit accuracy, current output, 0~20mA, module diagnosis function, terminal pluggable
SM832H模拟量输出模块 SM832H analog output module	AU7 832-0HD22-H	4输出, 14位精度, 电压输出 $\pm 10V$ 、电流输出0~20mA、模块诊断功能, 端子可插拔 4 A0, 14-bit accuracy, voltage output $\pm 10V$, current output 0~20mA, module diagnosis function, terminal pluggable
SM832H模拟量输出模块 SM832H analog output module	AU7 832-7HD22-H	4输出, 16位精度, 电压输出 $\pm 10V$ 、电流输出0~20mA、模块诊断功能, 端子可插拔 4 A0, 16-bit accuracy, voltage output $\pm 10V$, current output 0~20mA, module diagnosis function, terminal pluggable
SM832H模拟量输出模块 SM832H analog output module	AU7 832-0HF22-H	8输出, 14位精度, 电压输出 $\pm 10V$ 、电流输出0~20mA、模块诊断功能, 端子可插拔 8 A0, 14-bit accuracy, voltage output $\pm 10V$, current output 0~20mA, module diagnosis function, terminal pluggable
SM832H模拟量输出模块 SM832H analog output module	AU7 832-7HF22-H	8输出, 16位精度, 电压输出 $\pm 10V$ 、电流输出0~20mA、模块诊断功能, 端子可插拔 8 A0, 16-bit accuracy, voltage output $\pm 10V$, current output 0~20mA, module diagnosis function, terminal pluggable
SM831H热电阻测量模块 SM831H RTD measurement module	AU7 831-7PC22-H	4输入, 16位精度, PT100、PT1000等、模块诊断功能, 端子可插拔 4 inputs, 16-bit accuracy, PT100, PT1000, etc., module diagnostic function, terminal pluggable
SM831H热电阻测量模块 SM831H RTD measurement module	AU7 831-7RF22-H	8输入, 16位精度, PT100、PT1000等、模块诊断功能, 端子可插拔 8 inputs, 16-bit accuracy, PT100, PT1000, etc., module diagnostic function, terminal pluggable
SM831H热电偶测量模块 SM831H TC measurement module	AU7 831-7PD22-H	4输入, 16位精度, J、K等、模块诊断功能, 本体自带隔离电源, 端子可插拔 4 inputs, 16-bit accuracy, J, K, etc., module diagnosis function, the body comes with an isolated power supply, and the terminals can be plugged and unplugged
SM831H热电偶测量模块 SM831H TC measurement module	AU7 831-7PF22-H	8输入, 16位精度, J、K等、模块诊断功能, 本体自带隔离电源, 端子可插拔 8 inputs, 16-bit accuracy, J, K, etc., module diagnosis function, the body comes with an isolated power supply, and the terminals can be plugged and unplugged

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SM841H IO-Link主站模块 SM841H IO-Link master	AU7 841-IOL4B-H	4路IO-Link接口, Class-B接口类型, 支持COM1、2、3共三种通讯速率, 自动翻转功能 4 IO-Link interfaces, Class-B interface type, support COM1, 2, 3 a total of three communication rates, automatic flip function
SM841H串口通信模块 SM841H serial port communication module	AU7 841-COM22-H	2个RS422/RS232/RS485接口, 支持Modbus-RTU和自由口协议, 波特率最快2 RS422/RS232/RS485 interfaces, support Modbus-RTU and free port protocol, baud rate up to 115.2Kbps, serial port parameters are configured through software, the master station does not need to be programmed, and it is easy to use
SM851H高速计数器模块 SM851H high-speed counter module	AU7 851-2HC22-H	2组A、B、C计数输入, 单端24VDC\PNP输入(最大200KHZ)或差分5V(最大4MHZ), 支持增量式编码器输入, 端子可插拔 2 sets of A, B, C counting inputs, single-ended 24VDC\PNP input (up to 200KHZ) or differential 5V (up to 4MHZ), support incremental encoder input, terminal pluggable (Note: It is recommended to expand no more than 4 of these modules after a single coupler)
SM851H高速计数器模块 SM851H high-speed counter module	AU7 851-SSI22-H	2组同步串行(D+, D-, CL+, CL-)输入, 最大通信速率1MHZ, 支持多圈或单圈SSI编码器输入, 端子可插拔 2 sets of synchronous serial (D+, D-, CL+, CL-) inputs, maximum communication rate 1MHZ, supports multiturn or singleturn SSI encoder input, terminal pluggable (Note: It is recommended to expand no more than 4 of these modules after a single coupler)
SM898H电源中继模块 SM898H power relay module	AU7 898-24D05-H	24DC电源中继, 同时也是5VDC隔离总线电源中继, 占用一个槽位, 通过XML文件可以监控, 端子可插拔(注: 单个耦合器后扩展超过16个模块时, 推荐加一个电源中继模块) 24DC power relay, is also a 5VDC isolated bus power relay, occupies a slot, can be monitored through XML file, terminal pluggable (Note: When a single coupler is expanded to more than 16 modules, it is recommended to add a power relay module)
SM898H电源中继模块 SM898H power relay module	AU7 898-24T24-H	24DC电源中继, 给扩展模块供24VDC电源, 不占用槽位, 无系统诊断、报警功能, 端子可插拔(注: 此模块主要是解决数字量输出负载电流超过耦合器所能提供的24V电源的额定电流的场合) 24DC power relay, 24VDC power supply to the expansion module, does not occupy slots, no system diagnosis, alarm function, terminal plugging and unplugging (Note: This module is mainly to solve the problem that the digital output load current exceeds the rated current of the 24V power supply that the coupler can provide)
SM898H传感器接线供电模块 SM898H sensor wiring power supply module	AU7 898-24L+M-H	24DC电源供电, 用于传感器供电, 不占用槽位, 8组L+、M, 端子可插拔 24DC power supply, for sensor power supply, does not occupy slots, 8 groups of L+, M, terminals can be plugged and unplugged
SM899H终端挡板 SM898H Terminal cover	AU7 899-END22-H	用于一个机架最后的挡板, 避免总线金手指裸露(注: 与耦合器配套发货, 无需额外订购) Used for the last baffle of a rack to avoid exposing the bus finger (Note: Shipped with coupler, no additional order is required)
MIL端子台 MIL terminal blocks	AU7 MIL10-08	10针MIL插座, 9位弹簧端子, 8位输入/输出端子台, 额定电压24VDC, 配套牛角头模块使 10-pin MIL socket, 9-position spring terminal, 8-position input/output terminal block, rated voltage 24VDC, for use with horn head module
MIL端子台 MIL terminal blocks	AU7 MIL20-16	20针MIL插座, 18位弹簧端子, 16位输入/输出端子台, 额定电压24VDC, 配套牛角头模块使 20-pin MIL socket, 18-position spring terminal, 16-position input/output terminal block, rated voltage 24VDC, for use with horn head module

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MIL端子台 MIL terminal blocks	AU7 MIL20-16R	20针MIL插座, 20位弹簧端子, 16位继电器输出端子台, 继电器触点最大电流5A, 配套牛角头模块使用 20-pin MIL socket, 20-bit spring terminal, 16-bit relay output terminal block, relay contact maximum current 5A, supporting horn head module
MIL端子台 MIL terminal blocks	AU7 MIL20-16RH 规划中产品/Not listed	20针MIL插座, 20位弹簧端子, 16位继电器输出端子台, 继电器触点最大电流10A, 配套牛角头模块使用 20-pin MIL socket, 20-position spring terminal, 16-position relay output terminal block, relay contact maximum current 10A, supporting horn head module
MIL端子台 MIL terminal blocks	AU7 MIL10-08R	10针MIL插座, 10位弹簧端子, 8位继电器输出端子台, 继电器触点最大电流5A, 配套牛角头模块使用 10-pin MIL socket, 10-position spring terminal, 8-position relay output terminal block, relay contact maximum current 5A, supporting horn head module
MIL端子台 MIL terminal blocks	AU7 MIL10-08RH	10针MIL插座, 10位弹簧端子, 8位继电器输出端子台, 继电器触点最大电流10A, 配套牛角头模块使用 10-pin MIL socket, 10-position spring terminal, 8-position relay output terminal block, relay contact maximum current 10A, supporting horn head module
MIL连接线 MIL cables	AU7 MIL20/20-020	MIL连接线, 20芯直连线, 非屏蔽线, 配套16点DI/D0模块和16位端子台使用, 020表示线长2米, 长度可定制, 增加量以10为最小单位 20-core direct wire, unshielded wire, supporting 16-point DI/D0 module and 16-bit terminal block use, 020 means that the wire length is 2 meters, the length can be customized, and the increase amount is in 10 units
MIL连接线 MIL cables	AU7 MIL20/10-020	MIL连接线, 20芯一分二连接线, 非屏蔽线, 配套16点D0模块和8位继电器输出端子台使用, 020表示线长2米, 长度可定制, 增加量以10为最小单位 20 cores of two-way cable, unshielded wire, supporting 16-point D0 module and 8-bit relay output terminal block use, 020 means that the wire length is 2 meters, the length can be customized, and the increase amount is in 10 units