

DEGSON高松全球工业连接器制造商，为客户提供定制化解决方案
 DEGSON-Global Industrial Connector Manufacturer, Providing Customized Solution To All Partners.



电子产品

DEGSON 高松
接线端子

ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949

宁波高松电子有限公司

DEGSON 高松
圆形连接器

ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949

宁波高松电子有限公司

DEGSON 高松
重载连接器

ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949

宁波高松电子有限公司

DEGSON 高松
导轨端子及附件系统

ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949

宁波高松电子有限公司

DEGSON 高松
充电连接器

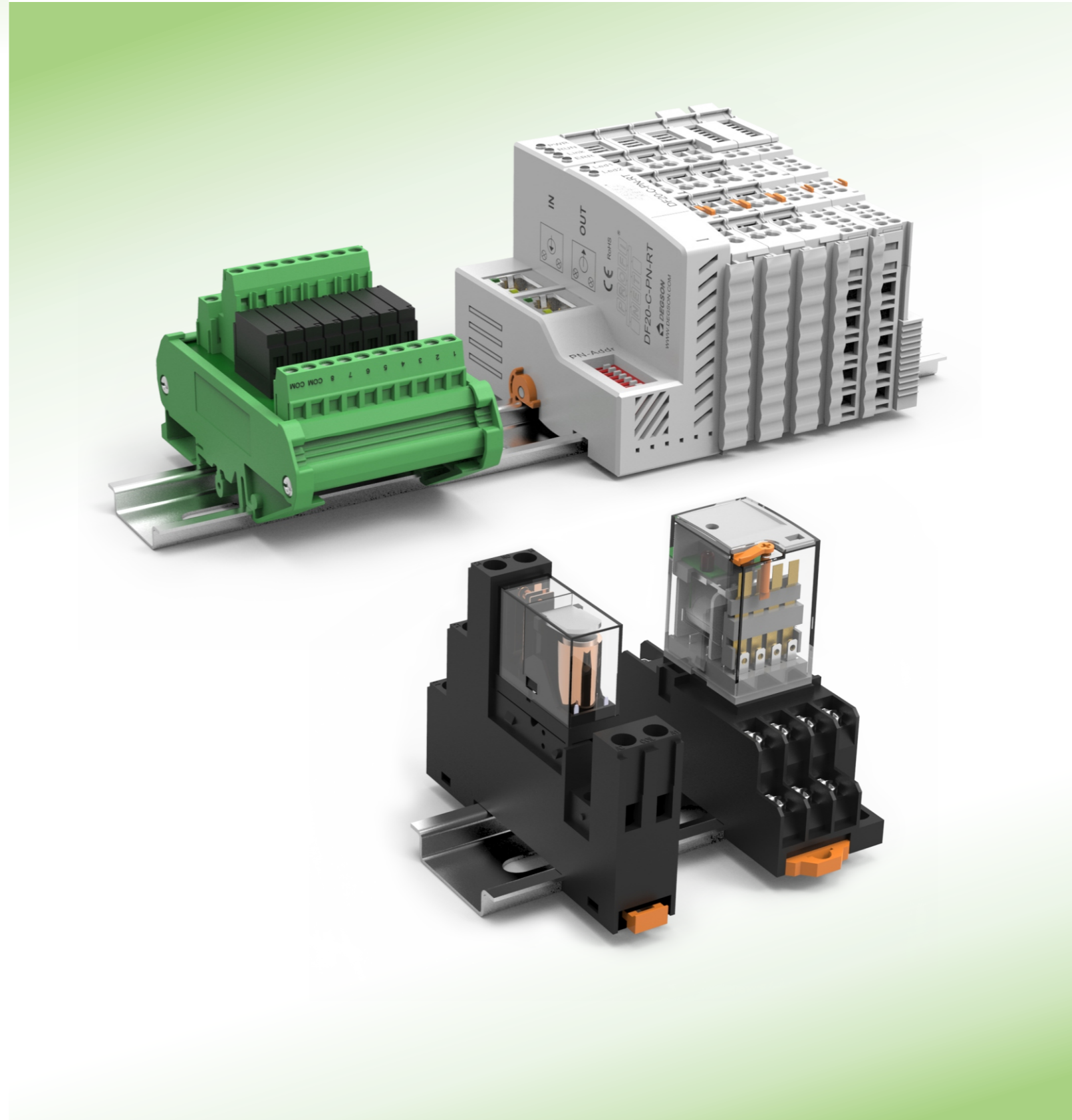
IATF16949

宁波高松新能源科技有限公司

DEGSON 高松
定制化产品

ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949

宁波高松电子有限公司



DEGSON 高松
 宁波高松电子有限公司
 NINGBO DEGSON ELECTRICAL CO., LTD.
 地址：中国宁波慈溪市逍林大道1585号
 邮编：315321
 本目录仅供参考，具体信息请以我司规格书为准
 The catalog is only for reference, and the detail data must be based on our company's specification!

网址：www.degson.com
 电话：400-885-2488
 邮箱：info@degson.com



EP-22-CE02

ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949

公司简介

DEGSON高松创建于1990年，是全球知名的工业连接器整体解决方案提供商、业内同时拥有美国UL和德国VDE认可专业实验室的企业，公司通过了ISO9001、ISO14001、ISO80079-34、ISO/TS22163和IATF16949管理体系认证，是国家高新技术企业。

DEGSON高松拥有行业领先的模具加工、自动化制造能力，配备先进的检测仪器和专业检测技术，打造高可靠性、高耐用性产品，服务全球用户；同时，我们具有强大的定制化能力，并根据全球客户个性化需求，提供专业的定制化解决方案，为客户提供增值服务。

DEGSON高松产品畅销中国、美国、德国、英国、意大利、西班牙、土耳其、俄罗斯、日本、韩国、新加坡等100多个国家和地区，为全球工业自动化、仪器仪表、电力电气、轨道交通、船舶、新能源、电动二轮车、电梯、照明、安防、机械等行业，提供高品质产品和服务，获得了众多世界500强和行业龙头企业的认可。

DEGSON高松以“务实创新、责任诚信、和谐发展、规则共赢”的经营理念，不断整合全球专业技术资源，打造强大的研发创新、产品制造和技术应用能力，依托全球布局，提供系列化、多品种、多型号的高品质产品和服务，为全球客户提供专业、快捷的全连接应用解决方案，帮助客户持续创造价值，致力打造智慧互联世界。

Brief Introduction

Founded in 1990, DEGSON is a global solution provider of electrical, electronic and industrial connectors. As a National High-tech enterprise, DEGSON owns the UL and VDE certified laboratory. The company achieved ISO9001, ISO14001, ISO80079-34, ISO/TS22163 and IATF16949 management system certifications.

DEGSON is engaged in supplying highly reliable and durable products to serve global customers. The company has a market-leading capability of mould processing, automatic manufacturing and advanced testing. DEGSON has the complete engineering ability to support global customers with the professional customization solution and value-added service.

DEGSON products are widely recognized in China, the USA, Germany, the UK, Italy, Spain, Turkey, Russia, Japan, South Korea, Singapore, etc. totally hundred countries and regions. DEGSON supply high quality products and provide professional services globally in the industry sectors likely industrial automation, instrument, electric power, railway, marine and offshore, new energy, E-bike industrial elevator, lighting, security, machinery, etc. The company won the recognition from partners among Fortune 500 and industry leading enterprises.

Based on the business philosophy of "pragmatic innovation, responsibility, integrity, harmonious development, regulation and win-win", DEGSON continuously integrates professional technical resources, R&D innovation, product manufacturing and technology application capabilities. Relying on global sales network, DEGSON aims to supply series of multiple varieties of high-quality products and services. We provide global customers with professional and quick connected application solutions, help customers continue to create value. DEGSON is making contributions to creating a smart and interconnected world.



亚洲首家同时拥有美国UL、德国VDE认可的实验室 First UL & VDE Certified Laboratory in Asia

UL、VDE战略合作 Strategic cooperation with UL and VDE



① UL能源与科技全球事业部总经理来访我司
① The general manager of UL global energy & technology division visit our company



② VDE环球服务公司总裁 Sven Ohrke来我司商务洽谈战略合作
② Sven Ohrke, President of VDE global services, discusses mutual strategic cooperation in DEGSON



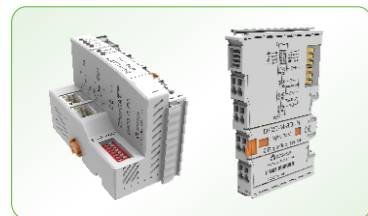
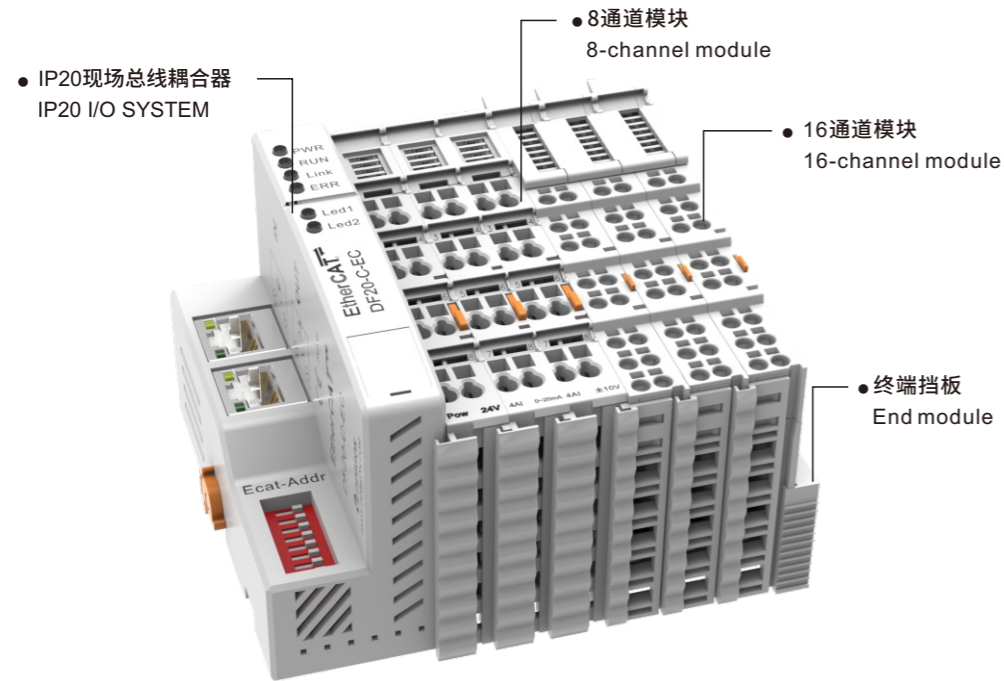
③ VDE实验室认可：2010年7月VDE正式向DEGSON颁发了“VDE认可实验室”证书。
UL实验室认可：2013年3月UL正式向DEGSON颁发“UL WTDP”证书。
2016年4月，UL颁发了CDTP实验室认可证书。
2016年12月，VDE颁发了TDAP实验室认可证书。
2017年1月，IRIS体系审核通过。
③ VDE Laboratory Accreditation: In July 2010, VDE issued the "VDE Authorized Laboratory" certificate to DEGSON laboratory.
UL laboratory accreditation: UL formally issued "UL WTDP" certificate to DEGSON in March 2013.
In April, 2016, UL-CTDP.
In December, 2016, VDE-TDAP.
In January, 2017, Pass IRIS system audit.



10 UL证书 4000种产品型号
UL Certificates:10,Covering 4000+Products
178 VDE证书 3000种产品型号
VDE Certificates:178,Covering 3000+Products
TUV证书
TUV certificate
EAC证书
EAC certificate
CE证书
CE certificate
中国发明专利证书
Chinese invention patent

目录 CONTENTS

IP20现场总线模块 IP20 I/O SYSTEM



IP20 现场总线模块 IP20 I/O SYSTEM 01-30



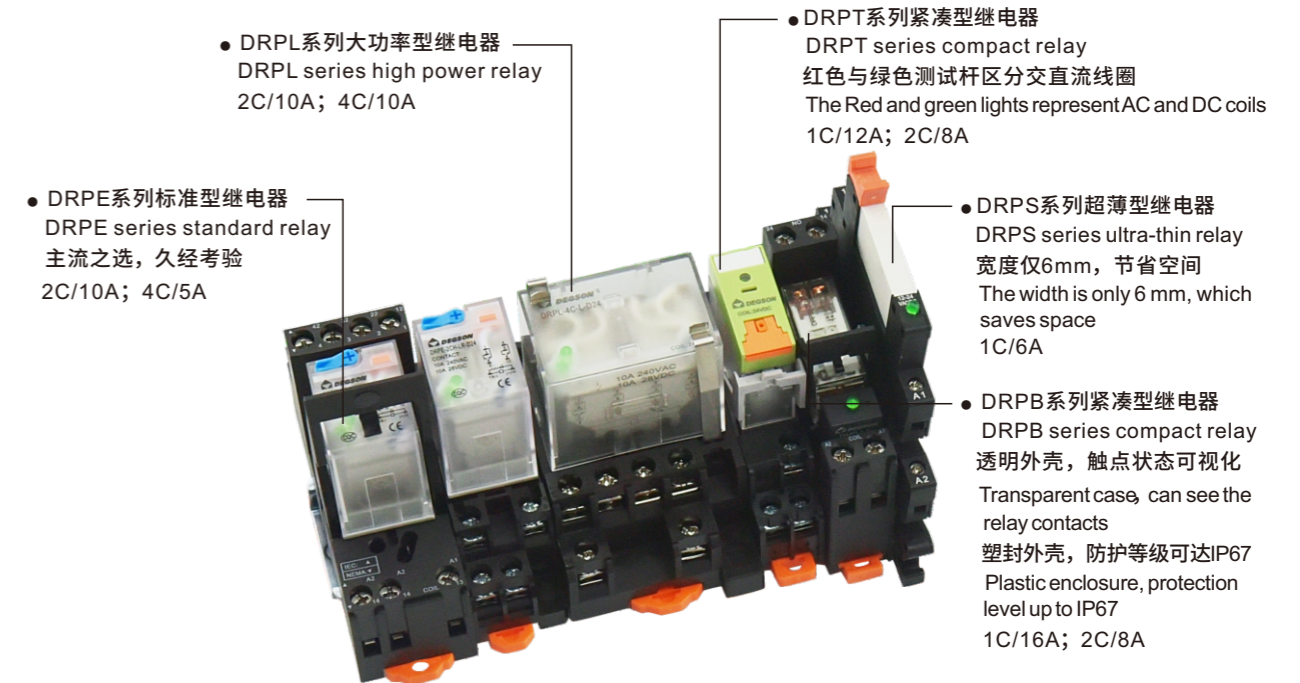
非网管型交换机 Unmanaged switch 31-36



通用型单相开关电源
Universal single phase switching power supply 37-40

目录 CONTENTS

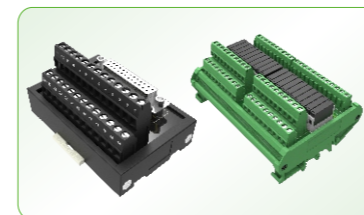
全系列继电器 All Relays



功率继电器系列 Power relay series 41-68



Jb系列分线盒 JB series junction box 69-86



接口模组 Interface module series 87-100
继电器模组系列 Relay module series 101-110



DF20-C-PN-RT-V1

PROFINET总线, 2个RJ45, 可扩展32个模块, 24VDC
PROFINET, 2 RJ45, expandable 32 modules, 24VDC

特点

- 集成电源模块。
- LED显示工作状态, 通用报警信息和总线故障。
- 双PROFINET接口(RJ45, 10/100Mbps)。
- 支持MRP介质冗余协议环网特性。

Features

- With a power module.
- LED display working status, alarm and bus fault prompt.
- Two PROFINET interface (RJ45, 10/100Mbps).
- With Media Redundancy Protocol.

规格参数 Specification

品名 Product	DF20-C-PN-RT-V1
通讯协议 Communication protocol	PROFINET
传输速率 Transmission rate	10/100Mbps, 全双工 10/100Mbps, full duplex
传输距离 Transmission distance	100米 100 meters
PDO数据 PDO data	1024 bytes
可扩展的模块数量 Number of extensible modules	32
地址映射 Address mapping	支持 Yes
总线地址设置 Address setting	PROFINET规范 PROFINET specification
传输介质 Transmission medium	五类双绞线 Class 5 twisted pair cable
隔离方式 Isolation method	与现场层电气隔离 Electrical isolation
特性 Features	RT, 符合C类, MRP, 自动寻址/拓扑检测 RT, conforming to Class C, MRP, automatic addressing/topology detection
报警功能 Alarm function	诊断报警、过程报警、插拔连接器报警 Diagnostic alarm, process alarm, plug and unplug connector alarm
最小周期时间 Minimum cycle time	1ms

电源参数 Power Supply Parameters

连接方式 Connection type	弹簧式接线端子 Spring terminal blocks
工作电压 Working voltage	24V DC +20 % / -15 %
空载电流 Current without load	<350mA
导线的最大压接面积 Maximum area of wire	2.5mm ²
导线的最大压接面积(AWG) Maximum area of wire (AWG)	AWG14
导线的最小压接面积 The minimum area of a wire	0.2mm ²
导线的最小压接面积(AWG) The minimum area of a wire (AWG)	AWG28
剥线长度 Strip length	8...9mm
提供内部系统电压 Supply system voltage	5VDC
提供内部系统电流 Supply system current	Max.0.4A
提供负载电压 Supply load voltage	24V...32VDC
提供负载最大电流 Supply load current (MAX)	5A

机械结构 Mechanical Structure

防护等级 Protection grade	IP20
外形尺寸(H X W X D) Size(H X W X D)	100mm X 48mm X 69mm
导轨类型 Installation type	35mm DIN

工作环境 Work Environment

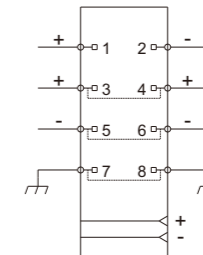
工作温度 Working temperature	-25...60°C
存储温度 Storage temperature	-40...85°C
相对湿度 Relative humidity	5...95%RH(无冷凝) 5...95%RH(non-condensing)

LED状态指示 LED Status Indicator

PWR	绿亮:电源运行正常 Green: Power is working
RUN	绿亮:耦合器运行正常 Green: I/O system is running
LINK	绿闪:模块运行正常 Blinking green: The module is working
ERR	红亮:耦合器与模块间通信异常 Red: An error occurred between I/O system and module
LED1	绿亮:网口1连接成功 Green: PORT 1 connected successfully.
	绿闪:网口1有数据通信 Green blinking: Port 1 has data communication.
LED2	绿亮:网口2连接成功 Green: PORT 2 connected successfully.
	绿闪:网口2有数据通信 Green blinking: Port 2 has data communication.
POWER-1, POWER-2	绿亮:内部系统电源运行正常 Green: The system power is working
POWER-7, POWER-8	绿亮:负载电源运行正常 Green: The load power is working

接线图 Wiring Diagram

Pin	描述 Description
1	System_24V
2	System_0V
3	Load_24V
4	Load_24V
5	Load_0V
6	Load_0V
7	PE
8	PE



DF20-C-PN-RT-V1



DF20-C-EC

EtherCAT总线, 2个RJ45, 可扩展31个模块, 24VDC
EtherCAT, 2 RJ45, expandable 31 modules, 24VDC

特点

- 集成电源模块。
- LED显示工作状态, 通用报警信息和总线故障。
- 双EtherCAT接口(RJ45,100Mbps)。

Features

- With a power module.
- LED display working status, alarm and bus fault prompt.
- Two EtherCAT interface (RJ45,100Mbps).

规格参数 Specification

品名 Product	DF20-C-EC
通讯协议 Communication protocol	EtherCAT
连接方式 Connection type	2 X RJ45,集成交换机功能 2 X RJ45, with switch function
传输速率 Transmission rate	10/100Mbps, 全双工 10/100Mbps, full duplex
传输距离 Transmission distance	100米 100 meters
PDO数据 PDO data	1024 bytes
可扩展的模块数量 Number of extensible modules	31
地址映射 Address mapping	支持 Yes
总线地址设置 Address setting	EtherCAT规范、拨码开关 EtherCAT specification, DIP switch
站点别名范围 Alias range	1~254
传输介质 Transmission medium	五类双绞线 Class 5 twisted pair cable
隔离方式 Isolation method	与现场层电气隔离 Electrical isolation

电源参数 Power Supply Parameters

连接方式 Connection type	弹簧式接线端子 Spring terminal blocks
工作电压 Working voltage	24V DC +20 %/ -15 %
空载电流 Current without load	<150mA
导线的最大压接面积 Maximum area of wire	2.5mm ²
导线的最大压接面积(AWG) Maximum area of wire (AWG)	AWG14
导线的最小压接面积 The minimum area of a wire	0.2mm ²
导线的最小压接面积(AWG) The minimum area of a wire (AWG)	AWG28
剥线长度 Strip length	8...9mm
提供内部系统电压 Supply system voltage	5VDC
提供内部系统电流 Supply system current	Max.0.6A
提供负载电压 Supply load voltage	24V~32VDC
提供负载最大电流 Supply load current (MAX)	5A

机械结构 Mechanical Structure

防护等级 Protection grade	IP20
外形尺寸(H X W X D) Size(H X W X D)	100mm X 48mm X 69mm
导轨类型 Installation type	35mm DIN

工作环境 Work Environment

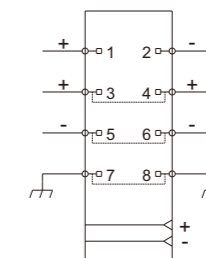
工作温度 Working temperature	-25...60°C
存储温度 Storage temperature	-40...85°C
相对湿度 Relative humidity	5...95%RH(无冷凝) 5...95%RH(non-condensing)

LED状态指示 LED Status Indicator

PWR	绿亮:电源运行正常 Green: Power is working
RUN	绿灭:耦合器初始化状态。 Green Off: The I/O system is being initialized.
	绿慢闪:耦合器预运行状态。 Green slow blinking: The I/O system is prerunning.
	绿快闪:耦合器安全运行状态。 Green fast blinking: The I/O system is operating safely.
Link	绿亮:耦合器运行正常。 Green: The I/O system is running.
	绿闪:模块运行正常。 Blinking green: The module is working.
ERR	红亮:耦合器与模块间通信异常。 Red: An error occurred between I/O system and module.
LED1	/
LED2	/
POWER-1、POWER-2	绿亮:内部系统电源运行正常。 Green: The system power is working.
POWER-7、POWER-8	绿亮:负载电源运行正常。 Green: The load power is working.

接线图 Wiring Diagram

Pin	描述 Description
1	System_24V
2	System_0V
3	Load_24V
4	Load_24V
5	Load_0V
6	Load_0V
7	PE
8	PE



DF20-C-EC



DF20-C-EN-IP

EtherNET IP总线, 2个RJ45, 可扩展32个模块, 24VDC
EtherNET IP, 2 RJ45, expandable 32 modules, 24VDC

特点

- 集成电源模块。
- LED显示工作状态, 通用报警信息和总线故障。
- 双EtherNET IP接口(RJ45, 10/100Mbps)。

Features

- With a power module.
- LED display working status, alarm and bus fault prompt.
- Two EtherNET IP interface (RJ45, 10/100Mbps).

规格参数 Specification

品名 Product	DF20-C-EN-IP
通讯协议 Communication protocol	EtherNET IP
传输速率 Transmission rate	10/100Mbps, 全双工 10/100Mbps, full duplex
传输距离 Transmission distance	100米 100 meters
PDO数据 PDO data	1024 bytes
可扩展的模块数量 Number of extensible modules	32
地址映射 Address mapping	支持 yes
总线地址设置 Address setting	EtherNET IP规范、拨码开关 EtherNET IP specification, DIP switch
传输介质 Transmission medium	五类双绞线 Class 5 twisted pair cable
隔离方式 Isolation method	与现场层电气隔离 Electrical isolation
报警功能 Alarm function	诊断报警、过程报警、插拔连接器报警 Diagnostic alarm, process alarm, plug and unplug connector alarm
最小周期时间 Minimum cycle time	1ms

电源参数 Power Supply Parameters

连接方式 Connection type	弹簧式接线端子 Spring terminal blocks
工作电压 Working voltage	24V DC +20%/-15%
空载电流 Current without load	<350mA
导线的最大压接面积 Maximum area of wire	2.5mm ²
导线的最大压接面积(AWG) Maximum area of wire (AWG)	AWG14
导线的最小压接面积 The minimum area of a wire	0.2mm ²
导线的最小压接面积(AWG) The minimum area of a wire (AWG)	AWG28
剥线长度 Strip length	8...9mm
提供内部系统电压 Supply system voltage	5VDC
提供内部系统电流 Supply system current	Max.0.4A
提供负载电压 Supply load voltage	24V...32VDC
提供负载最大电流 Supply load current (MAX)	5A

机械结构 Mechanical Structure

防护等级 Protection grade	IP20
外形尺寸(H X W X D) Size(H X W X D)	100mm X 48mm X 69mm
导轨类型 Installation type	35mm DIN

工作环境 Work Environment

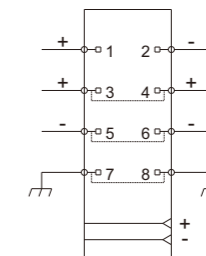
工作温度 Working temperature	-25...60°C
存储温度 Storage temperature	-40...85°C
相对湿度 Relative humidity	5...95%RH(无冷凝) 5...95%RH(non-condensing)

LED状态指示 LED Status Indicator

PWR	绿亮:电源运行正常 Green: Power is working
RUN	绿亮:耦合器运行正常 Green: I/O system is running
LINK	绿闪:模块运行正常 Blinking green: The module is working
ERR	红亮:耦合器与模块间通信异常 Red: An error occurred between I/O system and module
LED1	绿亮:网口1连接成功 Green: PORT 1 connected successfully.
	绿闪:网口1有数据通信 Green blinking: Port 1 has data communication.
LED2	绿亮:网口2连接成功 Green: PORT 2 connected successfully.
	绿闪:网口2有数据通信 Green blinking: Port 2 has data communication.
POWER-1, POWER-2	绿亮:内部系统电源运行正常 Green: The system power is working
POWER-7, POWER-8	绿亮:负载电源运行正常 Green: The load power is working

接线图 Wiring Diagram

Pin	描述 Description
1	System_24V
2	System_0V
3	Load_24V
4	Load_24V
5	Load_0V
6	Load_0V
7	PE
8	PE



DF20-C-EN-IP



DF20-C-CC-FB

CC-LINK IE Field Basic总线, 1个RJ45, 可扩展16个模块, 24VDC
 CC-LINK IE Field Basic, 1 RJ45, expandable 16 modules, 24VDC

特点

- 集成电源模块。
- LED显示工作状态, 通用报警信息和总线故障。
- CC-LINK IE Field Basic接口(RJ45, 10/100Mbps)。

Features

- With a power module.
- LED display working status, alarm and bus fault prompt.
- CC-LINK IE Field Basic interface (RJ45, 10/100Mbps).

规格参数 Specification

品名 Product	DF20-C-CC-FB
通讯协议 Communication protocol	CC-LINK IE Field Basic
传输速率 Transmission rate	10/100Mbps
传输距离 Transmission distance	100米100 meters
数据 PDO data	576 bytes
可扩展的模块数量 Number of extensible modules	16
地址映射 Address mapping	支持 Yes
总线地址设置 Address setting	CC-LINK IE Field Basic 规范、拨码开关 CC-LINK IE Field Basic specification, DIP switch
地址范围 Address range	2-253
传输介质 Transmission medium	五类双绞线 Class 5 twisted pair cable
隔离方式 Isolation method	与现场层电气隔离 Electrical isolation

电源参数 Power Supply Parameters

连接方式 Connection type	弹簧式接线端子 Spring terminal blocks
工作电压 Working voltage	24V DC +20% / -15%
空载电流 Current without load	<150mA
导线的最大压接面积 Maximum area of wire	2.5mm ²
导线的最大压接面积(AWG) Maximum area of wire (AWG)	AWG14
导线的最小压接面积 The minimum area of a wire	0.2mm ²
导线的最小压接面积(AWG) The minimum area of a wire (AWG)	AWG28
剥线长度 Strip length	8...9mm
提供内部系统电压 Supply system voltage	5VDC
提供内部系统电流 Supply system current	Max.0.6A
提供负载电压 Supply load voltage	24V...32VDC
提供负载最大电流 Supply load current (MAX)	5A

机械结构 Mechanical Structure

防护等级 Protection grade	IP20
外形尺寸(H X W X D) Size(H X W X D)	100mm X 48mm X 69mm
导轨类型 Installation type	35mm DIN

工作环境 Work Environment

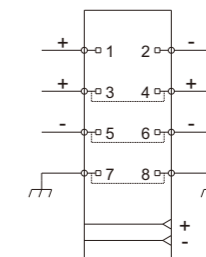
工作温度 Working temperature	-25...60°C
存储温度 Storage temperature	-40...85°C
相对湿度 Relative humidity	5...95%RH(无冷凝) 5...95%RH(non-condensing)

LED状态指示 LED Status Indicator

PWR	绿亮:电源运行正常 Green: Power is working
RUN	绿亮:耦合器运行正常 Green: I/O system is running
LINK	绿闪:模块运行正常 Blinking green: The module is working
ERR	红亮:耦合器与模块间通信异常 Red: An error occurred between I/O system and module
LED1	/
LED2	/
POWER-1, POWER-2	绿亮:内部系统电源运行正常 Green: The system power is working
POWER-7, POWER-8	绿亮:负载电源运行正常 Green: The load power is working

接线图 Wiring Diagram

Pin	描述 Description
1	System_24V
2	System_0V
3	Load_24V
4	Load_24V
5	Load_0V
6	Load_0V
7	PE
8	PE



DF20-C-CC-FB



DF20-C-MD-TCP

Modbus TCP/IP总线, 1个RJ45, 可扩展16个模块, 24VDC
 Modbus TCP/IP, 1 RJ45, expandable 16 modules, 24VDC

特点

- 集成电源模块。
- LED显示工作状态, 通用报警信息和总线故障。
- Modbus TCP/IP接口(RJ45, 10/100Mbps)。

Features

- With a power module.
- LED display working status, alarm and bus fault prompt.
- Modbus TCP/IP interface (RJ45, 10/100Mbps)

规格参数 Specification

品名 Product	DF20-C-MD-TCP
通讯协议 Communication protocol	Modbus TCP/IP
传输速率 Transmission rate	10/100Mbps
传输距离 Transmission distance	100米 100 meters
PDO数据 PDO data	1024 bytes
可扩展的模块数量 Number of extensible modules	16
支持Modbus功能代码 Support Modbus function	02,03,05,06,15,16
地址映射 Address mapping	支持 Yes
总线地址设置 Address setting	Modbus TCP/IP规范、拨码开关 Modbus TCP/IP specification, DIP switch
地址范围 Address range	2~253
传输介质 Transmission medium	五类双绞线 Class 5 twisted pair cable
隔离方式 Isolation method	与现场层电气隔离 Electrical isolation

电源参数 Power Supply Parameters

连接方式 Connection type	弹簧式接线端子 Spring terminal blocks
工作电压 Working voltage	24V DC +20 % / -15 %
空载电流 Current without load	<150mA
导线的最大压接面积 Maximum area of wire	2.5mm ²
导线的最大压接面积(AWG) Maximum area of wire (AWG)	AWG14
导线的最小压接面积 The minimum area of a wire	0.2mm ²
导线的最小压接面积(AWG) The minimum area of a wire (AWG)	AWG28
剥线长度 Strip length	8...9mm
提供内部系统电压 Supply system voltage	5VDC
提供内部系统电流 Supply system current	Max.0.6A
提供负载电压 Supply load voltage	24V...32VDC
提供负载最大电流 Supply load current (MAX)	5A

机械结构 Mechanical Structure

防护等级 Protection grade	IP20
外形尺寸(H X W X D) Size(H X W X D)	100mm X 48mm X 69mm
导轨类型 Installation type	35mm DIN

工作环境 Work Environment

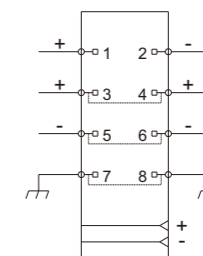
工作温度 Working temperature	-25...60°C
存储温度 Storage temperature	-40...85°C
相对湿度 Relative humidity	5...95%RH(无冷凝) 5...95%RH(non-condensing)

LED状态指示 LED Status Indicator

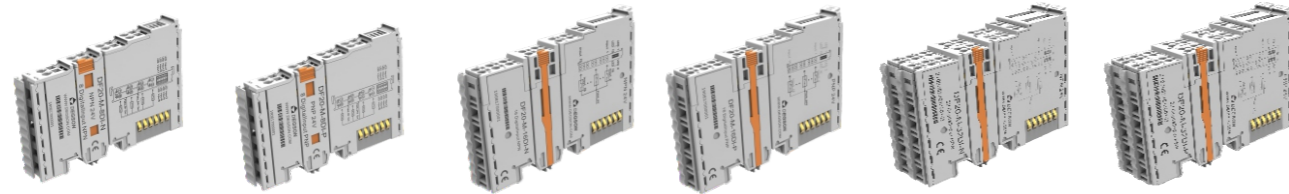
PWR	绿亮:电源运行正常 Green: Power is working
RUN	绿亮:耦合器运行正常 Green: I/O system is running
LINK	绿闪:模块运行正常 Blinking green: The module is working
ERR	红亮:耦合器与模块间通信异常 Red: An error occurred between I/O system and module
LED1	/
LED2	/
POWER-1, POWER-2	绿亮:内部系统电源运行正常 Green: The system power is working
POWER-7, POWER-8	绿亮:负载电源运行正常 Green: The load power is working

接线图 Wiring Diagram

Pin	描述 Description
1	System_24V
2	System_0V
3	Load_24V
4	Load_24V
5	Load_0V
6	Load_0V
7	PE
8	PE



DF20-C-MD-TCP



DF20-M-8DI-N DF20-M-8DI-P DF20-M-16DI-N DF20-M-16DI-P DF20-M-32DI-N DF20-M-32DI-P

数字量输入模块, 8输入, NPN, 24VDC Digital input module, 8 ports, NPN, 24VDC	数字量输入模块, 8输入, PNP, 24VDC Digital input module, 8 ports, PNP, 24VDC	数字量输入模块, 16输入, NPN, 24VDC Digital input module, 16 ports, NPN, 24VDC	数字量输入模块, 16输入, PNP, 24VDC Digital input module, 16 ports, PNP, 24VDC	数字量输入模块, 32输入, NPN, 24VDC Digital input module, 32 ports, NPN, 24VDC	数字量输入模块, 32输入, PNP, 24VDC Digital input module, 32 ports, PNP, 24VDC
---	---	---	---	---	---

规格参数 Specification

品名 Product	DF20-M-8DI-N	DF20-M-8DI-P	DF20-M-16DI-N	DF20-M-16DI-P	DF20-M-32DI-N	DF20-M-32DI-P
通道数量 Number of channels	8		16		32	
数据大小 Data size	1 Byte		2 Byte		4 Byte	
信号类型 Signal type	NPN	PNP	NPN	PNP	NPN	PNP
"0"信号电压 "0" signal voltage	18V...32V	0V...4V	18V...32V	0V...4V	18V...32V	0V...4V
"1"信号电压 "1" signal voltage	0V...4V	18V...32V	0V...4V	18V...32V	0V...4V	18V...32V
连接类型 Connection type	1-线制 1-line					
反向电路保护 Reverse protection	Yes					
隔离方式 Isolation method	与现场层光电隔离 Photoelectric isolation					
错误诊断 Fault diagnosis	Yes					
输入电流典型值 Typical input current	3mA					
滤波时间 Filtering time	0.3ms					
精度 Precision	0.20%					

电源参数 Power Supply Parameters

连接方式 Connection type	弹簧式接线端子 Spring terminal blocks					
工作电压 Working voltage	24V DC +20% / -15%					
系统馈电电流 System feed current	<14mA		<15mA		<30mA	
导线的最大压接面积 Maximum area of wire	2.5mm ²		1.5mm ²			
导线的最大压接面积(AWG) Maximum area of wire (AWG)	AWG14		AWG16			
导线的最小压接面积 The minimum area of a wire	0.2mm ²		0.2mm ²			
导线的最小压接面积(AWG) The minimum area of a wire (AWG)	AWG28		AWG28			
剥线长度 Strip length	8...9mm		8...9mm			

机械结构 Mechanical Structure

防护等级 Protection grade	IP20	
外形尺寸(H X W X D) Size(H X W X D)	100mm X 12mm X 69mm	100mm X 24mm X 69mm
导轨类型 Installation type	35mm DIN	

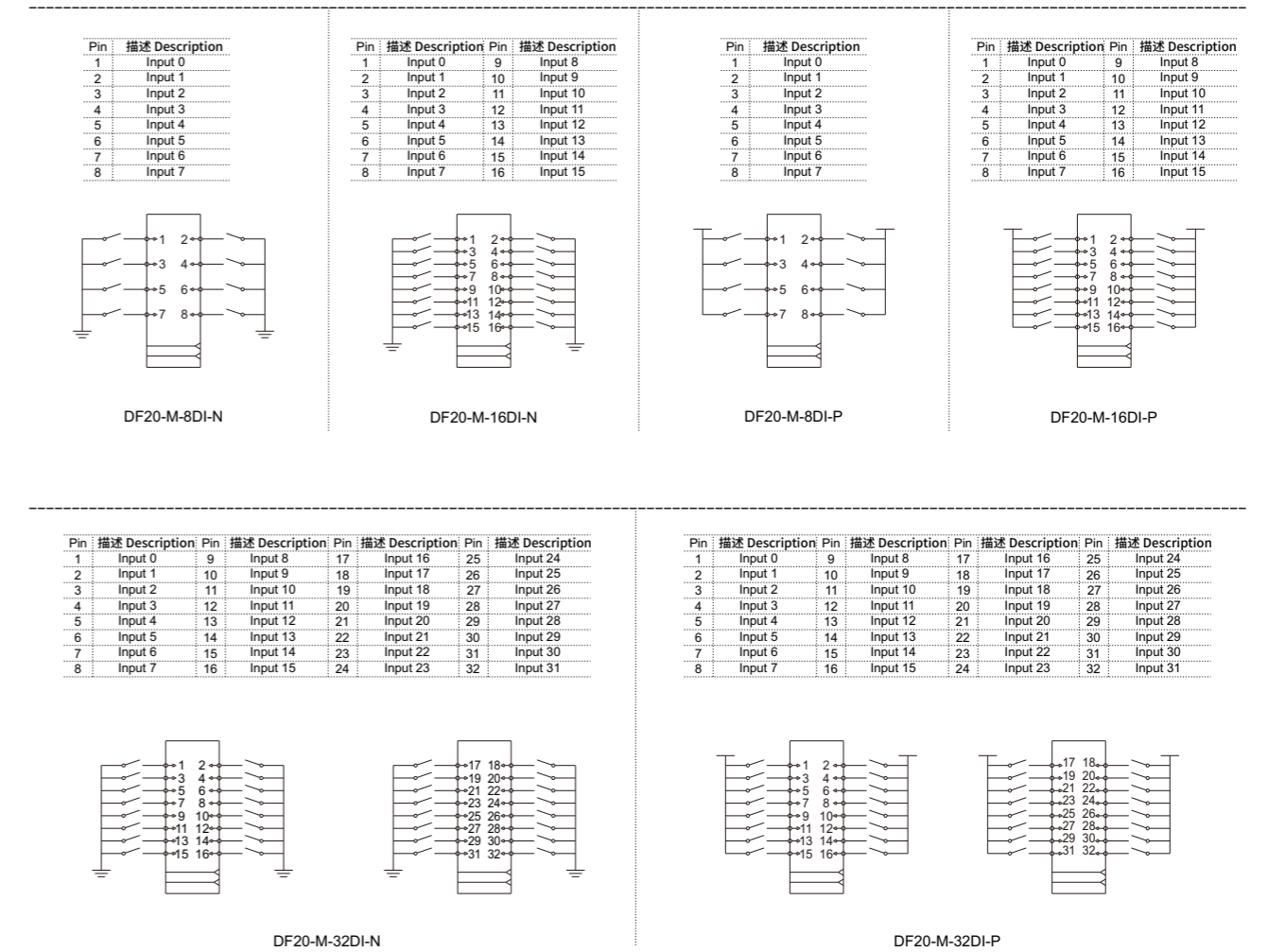
工作环境 Work Environment

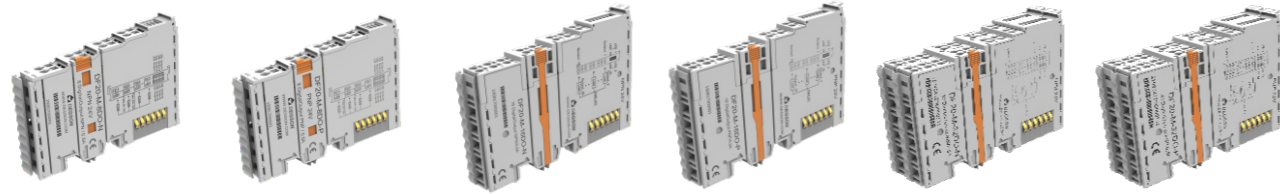
工作温度 Working temperature	-25...60°C
存储温度 Storage temperature	-40...85°C
相对湿度 Relative humidity	5...95%RH(无冷凝) 5...95%RH(non-condensing)

LED状态指示 LED Status Indicator

通道指示灯 Channel Light	绿亮: 通道输入信号正常。 Green: The input signal of each channel is working.
------------------------	--

接线图 Wiring Diagram





DF20-M-8DO-N DF20-M-8DO-P DF20-M-16DO-N DF20-M-16DO-P DF20-M-32DO-N DF20-M-32DO-P

数字量输出模块, 8输出, NPN, 24VDC Digital output module, 8 ports, NPN, 24VDC	数字量输出模块, 8输出, PNP, 24VDC Digital output module, 8 ports, PNP, 24VDC	数字量输出模块, 16输出, NPN, 24VDC Digital output module, 16 ports, NPN, 24VDC	数字量输出模块, 16输出, PNP, 24VDC Digital output module, 16 ports, PNP, 24VDC	数字量输出模块, 32输出, NPN, 24VDC Digital output module, 32 ports, NPN, 24VDC	数字量输出模块, 32输出, PNP, 24VDC Digital output module, 32 ports, PNP, 24VDC
--	--	--	--	--	--

规格参数 Specification

品名 Product	DF20-M-8DO-N	DF20-M-8DO-P	DF20-M-16DO-N	DF20-M-16DO-P	DF20-M-32DO-N	DF20-M-32DO-P
通道数量 Number of channels	8		16		32	
数据大小 Data size	1 Byte		2 Byte		4 Byte	
信号类型 Signal type	NPN	PNP	NPN	PNP	NPN	PNP
"0"信号电压 "0" signal voltage	高阻态 high-impedance state	高阻态 high-impedance state	高阻态 high-impedance state	高阻态 high-impedance state	高阻态 high-impedance state	高阻态 high-impedance state
"1"信号电压 "1" signal voltage	0V DC	24V DC	0V DC	24V DC	0V DC	24V DC
连接类型 Connection type	1-线制 1-line					
反向电路保护 Reverse protection	Yes					
隔离方式 Isolation method	与现场层光电隔离 Photoelectric isolation					
开关频率(阻性、灯) Switching Frequency (resistance/lamp load)	<1000Hz					
开关频率(感性) Switching Frequency (Inductive load)	<0.2Hz					
保护电路的响应时间 Response Time of the Protection Circuit	<100µs					
每通道输出最大电流 Output current per channel(MAX)	500 mA					
负载类型 Load type	感性、阻性、灯 Inductance, resistance, lamp					

电源参数 Power Supply Parameters

连接方式 Connection type	弹簧式接线端子 Spring terminal blocks					
工作电压 Working voltage	24V DC +20%/-15%					
系统馈电电流 System feed current	<50mA		<75mA		<100mA	
导线的最大压接面积 Maximum area of wire	2.5mm ²		1.5mm ²			
导线的最大压接面积(AWG) Maximum area of wire (AWG)	AWG14		AWG16			
导线的最小压接面积 The minimum area of a wire	0.2mm ²		0.2mm ²			
导线的最小压接面积(AWG) The minimum area of a wire (AWG)	AWG28		AWG28			
剥线长度 Strip length	8...9mm		8...9mm			

机械结构 Mechanical Structure

防护等级 Protection grade	IP20	
外形尺寸(H X W X D) Size(H X W X D)	100mm X 12mm X 69mm	100mm X 24mm X 69mm
导轨类型 Installation type	35mm DIN	

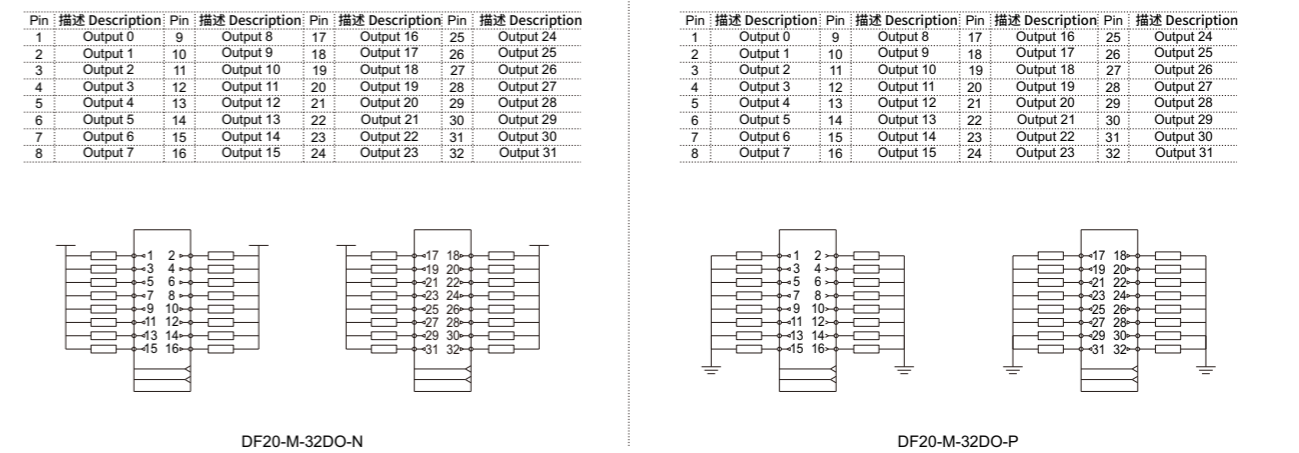
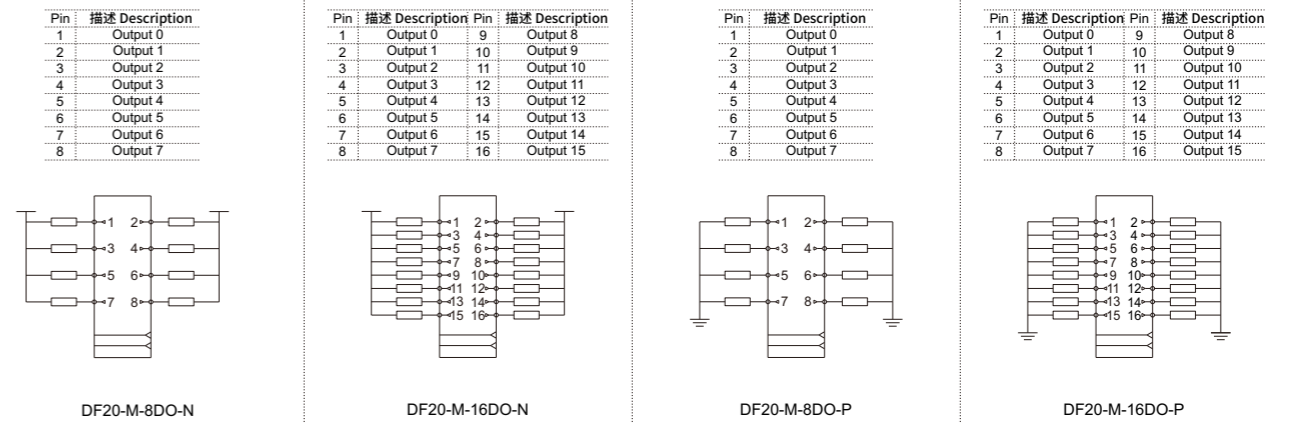
工作环境 Work Environment

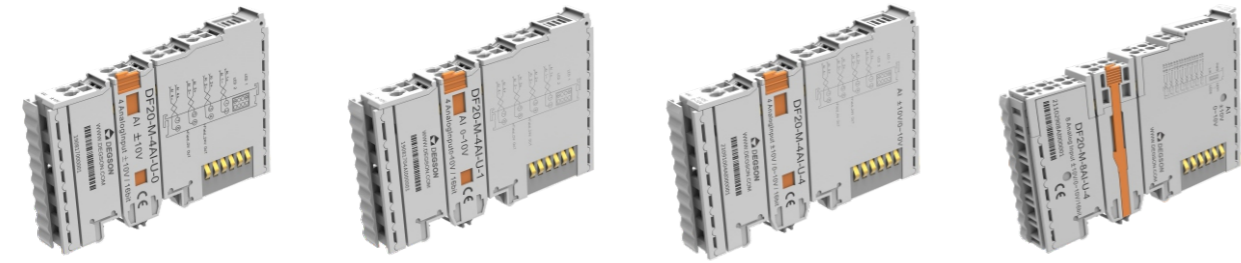
工作温度 Working temperature	-25...60°C
存储温度 Storage temperature	-40...85°C
相对湿度 Relative humidity	5...95%RH(无冷凝) 5...95%RH(non-condensing)

LED状态指示 LED Status Indicator

通道指示灯 Channel Light	绿亮: 通道输出信号正常。 Green: The output signal of each channel is working.
------------------------	---

接线图 Wiring Diagram





DF20-M-4AI-U-0

DF20-M-4AI-U-1

DF20-M-4AI-U-4

DF20-M-8AI-U-4

 模拟量输入模块,4输入,-10...+10V,电压型
 Analog input module,4 ports, -10... 10V, voltage type

 模拟量输入模块,4输入,0...+10V,电压型
 Analog input module,4 ports,0... 10V,voltage type

 模拟量输入模块,4输入,(0...+10V)(-10...+10V),电压型
 Analog input module,4 ports,(0...+10V)(-10...+10V), voltage type

 模拟量输入模块,8输入,(0...+10V)(-10...+10V),电压型
 Analog input module,8 ports,(0...+10V)(-10...+10V), voltage type

规格参数 Specification

品名 Product	DF20-M-4AI-U-0	DF20-M-4AI-U-1	DF20-M-4AI-U-4	DF20-M-8AI-U-4
通道数量 Number of channels	4			8
数据大小 Data size	8 Byte			16 Byte
测量范围 Measuring range	电压型 (-10...+10V) Voltage U (-10... 10 V)	电压型 (0...+10V) Voltage U (0... 10 V)	电压型 (0...+10V)(-10...+10V)可配置 Voltage U (0...+10V)(-10...+10V)	电压型 (0...+10V)(-10...+10V)可配置 Voltage U (0...+10V)(-10...+10V)
信号类型 Signal type	差分 Differential signal			
连接类型 Connection type	2-线制 2-line			
反向电路保护 Reverse protection	Yes			
隔离方式 Isolation method	与现场层磁隔离 Magnetic isolation			
错误诊断 Fault diagnosis	Yes			
内部电阻 Internal Resistance	>450KΩ			
分辨率 Resolution	16 Bit			
码值范围 (Profinet/Ethernet IP) Measuring range(Profinet/Ethernet IP)	(-10...+10V): -27648~27648	(0...+10V): 0~27648	(0...+10V): 0~27648 (-10...+10V): -27648~27648	(0...+10V): 0~27648 (-10...+10V): -27648~27648
码值范围 (其它总线) Measuring range(Others)	(-10...+10V): -32768~32767	(0...+10V): 0~65535	(0...+10V): 0~32767 (-10...+10V): -32768~32767	(0...+10V): 0~32767 (-10...+10V): -32768~32767
精度 Precision	0.20%			
转换时间 Conversion time	< 1ms			
采样频率 Sampling rate	20-300Hz (可配置) 20-300Hz (Configuration)			

电源参数 Power Supply Parameters

连接方式 Connection type	弹簧式接线端子 Spring terminal blocks	
工作电压 Working voltage	24V DC +20 %/ -15 %	
系统馈电电流 System feed current	<120mA	<200mA
导线的最大压接面积 Maximum area of wire	2.5mm ²	1.5mm ²
导线的最大压接面积(AWG) Maximum area of wire (AWG)	AWG14	AWG16
导线的最小压接面积 The minimum area of a wire	0.2mm ²	0.2mm ²
导线的最小压接面积(AWG) The minimum area of a wire (AWG)	AWG28	AWG28
剥线长度 Strip length	8...9mm	8...9mm

机械结构 Mechanical Structure

防护等级 Protection grade	IP20
外形尺寸(H X W X D) Size(H X W X D)	100mm X 12mm X 69mm
导轨类型 Installation type	35mm DIN

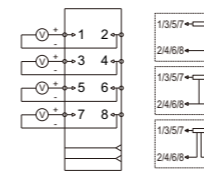
工作环境 Work Environment

工作温度 Working temperature	-25...60°C
存储温度 Storage temperature	-40...85°C
相对湿度 Relative humidity	5...95%RH(无冷凝) 5... 95%RH(non-condensing)

LED状态指示 LED status indicator	LED1	LED2	LED3	LED4	LED5	LED6	LED7	LED8	PWR	L/A
LED1	绿亮:电源运行正常 Green: Power is working	绿亮: 通道1有信号输入 Green: Signal on Channel 1.	—	—	—	—	—	—	—	—
LED2	绿闪:耦合器与模块间通信正常 Green blinks: I/O system and modules working properly	绿亮: 通道2有信号输入 Green: Signal on Channel 2.	—	—	—	—	—	—	—	—
LED3	—	绿亮: 通道3有信号输入 Green: Signal on Channel 3.	—	—	—	—	—	—	—	—
LED4	—	绿亮: 通道4有信号输入 Green: Signal on Channel 4.	—	—	—	—	—	—	—	—
LED5	—	绿亮: 通道5有信号输入 Green: Signal on Channel 5.	—	—	—	—	—	—	—	—
LED6	—	绿亮: 通道6有信号输入 Green: Signal on Channel 6.	—	—	—	—	—	—	—	—
LED7	—	绿亮: 通道7有信号输入 Green: Signal on Channel 7.	—	—	—	—	—	—	—	—
LED8	—	绿亮: 通道8有信号输入 Green: Signal on Channel 8.	—	—	—	—	—	—	—	—
PWR	—	绿亮:电源运行正常 Green: Power is working.	—	—	—	—	—	—	—	—
L/A	—	绿亮:耦合器与模块间通信正常 Green: I/O system and modules working properly.	—	—	—	—	—	—	—	—

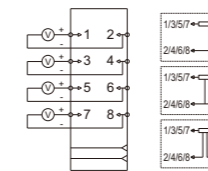
接线图 Wiring Diagram

Pin	描述 Description
1	AI1 +
2	AI1 -
3	AI2 +
4	AI2 -
5	AI3 +
6	AI3 -
7	AI4 +
8	AI4 -



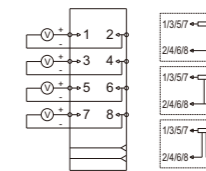
DF20-M-4AI-U-0

Pin	描述 Description
1	AI1 +
2	AI1 -
3	AI2 +
4	AI2 -
5	AI3 +
6	AI3 -
7	AI4 +
8	AI4 -



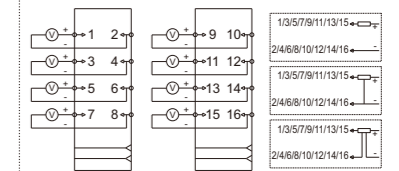
DF20-M-4AI-U-1

Pin	描述 Description
1	AI1 +
2	AI1 -
3	AI2 +
4	AI2 -
5	AI3 +
6	AI3 -
7	AI4 +
8	AI4 -

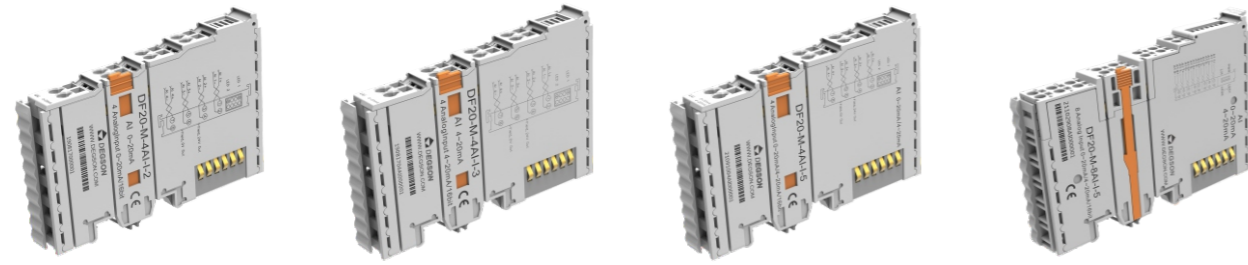


DF20-M-4AI-U-4

Pin	描述 Description	Pin	描述 Description
1	AI1 +	1	AI5 +
2	AI1 -	2	AI5 -
3	AI2 +	3	AI6 +
4	AI2 -	4	AI6 -
5	AI3 +	5	AI7 +
6	AI3 -	6	AI7 -
7	AI4 +	7	AI8 +
8	AI4 -	8	AI8 -



DF20-M-8AI-U-4



DF20-M-4AI-I-2

DF20-M-4AI-I-3

DF20-M-4AI-I-5

DF20-M-8AI-I-5

 模拟量输入模块,4输入,0...20mA,电流型
 Analog input module,4 ports,0...20 mA,current type

 模拟量输入模块,4输入,4...20mA,电流型
 Analog input module,4 ports,4...20 mA,current type

 模拟量输入模块,4输入,(0...20mA)(4...20mA) 电流型
 Analog input module,4 ports,(0...20mA)(4...20mA), current type

 模拟量输入模块,8输入,(0...20mA)(4...20mA) 电压型
 Analog input module,8 ports,(0...20mA)(4...20mA),current type

规格参数 Specification

品名 Product	DF20-M-4AI-I-2	DF20-M-4AI-I-3	DF20-M-4AI-I-5	DF20-M-8AI-I-5
通道数量 Number of channels	4			8
数据大小 Data size	8 Byte			16 Byte
测量范围 Measuring range	电流型(0...20mA) Current(0...20ma)	电流型(4...20mA) Current(4...20mA)	电流型(0...20mA)(4...20mA)可配置 Current I(0...20mA)(4...20mA)	电流型(0...20mA)(4...20mA)可配置 Current I(0...20mA)(4...20mA)
信号类型 Signal type	差分 Differential signal			
连接类型 Connection type	2-线制 2-line			
反向电路保护 Reverse protection	Yes			
隔离方式 Isolation method	与现场层磁隔离 Magnetic isolation			
错误诊断 Fault diagnosis	Yes			
内部电阻 Internal Resistance	100Ω			
分辨率 Resolution	16 Bit			
码值范围 (Profinet/Ethernet IP) Measuring range(Profinet/Ethernet IP)	(0..20ma)0~27648	(4..20ma)0~27648	(0/4..20ma)0~27648	(0/4..20ma)0~27648
码值范围码 (其它总线) Measuring range(Others)	(0..20ma)0~65535	(4..20ma)0~65535	(0/4..20ma)0~65535	(0/4..20ma)0~65535
精度 Precision	0.20%/±50ppm/K max.			
转换时间 Conversion time	< 1ms			
采样频率 Sampling rate	20-300Hz (可配置) 20-300Hz (Configuration)			

电源参数 Power Supply Parameters

连接方式 Connection type	弹簧式接线端子 Spring terminal blocks	
工作电压 Working voltage	24V DC +20% / -15%	
系统馈电电流 System feed current	<120mA	<200mA
导线的最大压接面积 Maximum area of wire	2.5mm ²	1.5mm ²
导线的最大压接面积(AWG) Maximum area of wire (AWG)	AWG14	AWG16
导线的最小压接面积 The minimum area of a wire	0.2mm ²	0.2mm ²
导线的最小压接面积(AWG) The minimum area of a wire (AWG)	AWG28	AWG28
剥线长度 Strip length	8...9mm	8...9mm

机械结构 Mechanical Structure

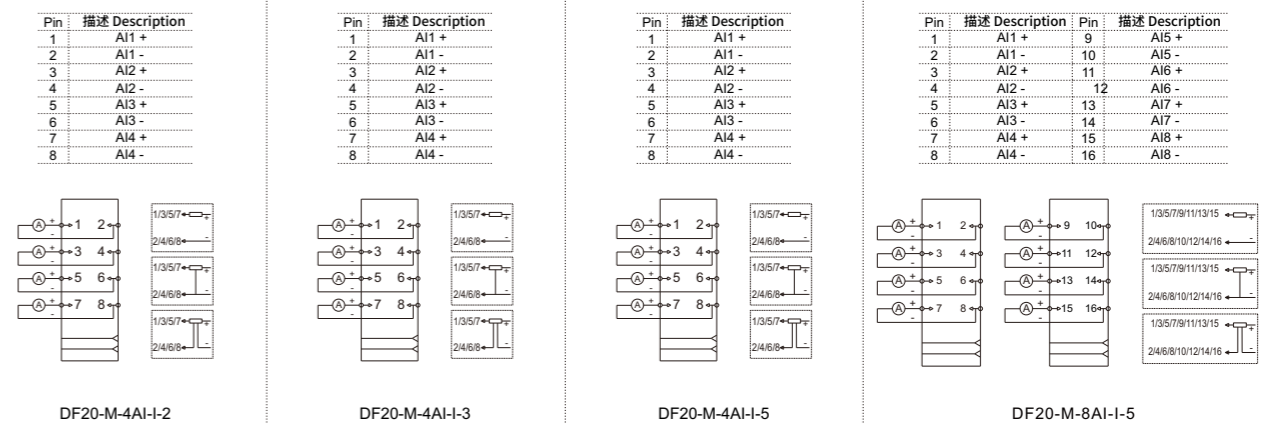
防护等级 Protection grade	IP20
外形尺寸(H X W X D) Size(H X W X D)	100mm X 12mm X 69mm
导轨类型 Installation type	35mm DIN

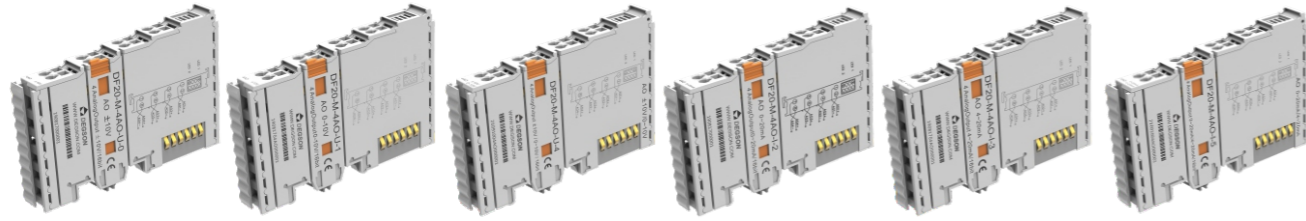
工作环境 Work Environment

工作温度 Working temperature	-25...60°C
存储温度 Storage temperature	-40...85°C
相对湿度 Relative humidity	5...95%RH(无冷凝) 5...95%RH(non-condensing)

LED状态指示 LED status indicator	LED1	LED2	LED3	LED4	LED5	LED6	LED7	LED8	PWR	L/A
LED1	绿亮: 电源运行正常 Green: Power is working	绿亮: 通道1有信号输入 Green: Signal on Channel 1.								
LED2	绿闪: 耦合器与模块间通信正常 Green blinks: I/O system and modules working properly	绿亮: 通道2有信号输入 Green: Signal on Channel 2.								
LED3	—	绿亮: 通道3有信号输入 Green: Signal on Channel 3.								
LED4	—	绿亮: 通道4有信号输入 Green: Signal on Channel 4.								
LED5	—	绿亮: 通道5有信号输入 Green: Signal on Channel 5.								
LED6	—	绿亮: 通道6有信号输入 Green: Signal on Channel 6.								
LED7	—	绿亮: 通道7有信号输入 Green: Signal on Channel 7.								
LED8	—	绿亮: 通道8有信号输入 Green: Signal on Channel 8.								
PWR	—	绿亮: 电源运行正常 Green: Power is working								
L/A	—	绿亮: 耦合器与模块间通信正常 Green: I/O system and modules working properly								

接线图 Wiring Diagram





DF20-M-4AO-U-0 DF20-M-4AO-U-1 DF20-M-4AO-U-4 DF20-M-4AO-I-2 DF20-M-4AO-I-3 DF20-M-4AO-I-5

模拟量输出模块,4输出, -10...+10V,电压型 Analog output module,4 ports, -10...+10V,voltage type	模拟量输出模块,4输出, 0...+10V,电压型 Analog output module,4 ports, 0...+10V,voltage type	模拟量输出模块,4输出, -10...+10V,0...+10V,电压型 Analog output module,4 ports, -10...+10V,0...+10V,voltage type	模拟量输出模块,4输出, 0...20mA,电流型 Analog output module,4 ports, 0...20 mA,current type	模拟量输出模块,4输出, 4...20mA,电流型 Analog output module,4 ports, 4...20 mA,current type	模拟量输出模块,4输出, 0...20mA,4...20mA,电流型 Analog output module,4 ports, 0...20mA,4...20 mA,current type
--	--	--	---	---	---

规格参数 Specification

品名 Product	DF20-M-4AO-U-0	DF20-M-4AO-U-1	DF20-M-4AO-U-4	DF20-M-4AO-I-2	DF20-M-4AO-I-3	DF20-M-4AO-I-5
通道数量 Number of channels	4					
数据大小 Data size	8 Byte					
信号类型 Signal type	差分 Differential signal					
连接类型 Connection type	2-线制 2-line					
过流保护 Overcurrent protection	Yes					
隔离方式 Isolation method	与现场层磁隔离 Magnetic isolation					
错误诊断 Fault diagnosis	Yes					
分辨率 Resolution	16 Bit					
精度 Precision	0.10%					
码值范围 (Profinet/Ethernet IP) Measuring range(Profinet/Ethernet IP)	(-10...+10V)-27648-27648	(0...+10V):0-27648	(0...+10V): 0-27648 (-10...+10V): -27648-27648	(0..20ma)0-27648	(4..20ma)0-27648	(0/4..20ma)0-27648
码值范围 (其它总线) Measuring range(Others)	(-10...+10V)-32768-32767	(0...+10V): 0-65535	(0...+10V): 0-32767 (-10...+10V): -32768-32767	(0..20ma)0-65535	(4..20ma)0-65535	(0/4..20ma)0-65535
温度系数 Temperature coefficient	<20 ppm					
转换时间 Conversiontime	≤ 1ms					
负载阻抗 Load impedance	>2KΩ			<250Ω		

电源参数 Power Supply Parameters

连接方式 Connection type	弹簧式接线端子 Spring terminal blocks					
工作电压 Working voltage	24V DC +20 %/ -15 %					
系统馈电电流 System feed current	<200mA			<400mA		
导线的最大压接面积 Maximum area of wire	2.5mm ²					
导线的最大压接面积(AWG) Maximum area of wire (AWG)	AWG14					
导线的最小压接面积 The minimum area of a wire	0.2mm ²					
导线的最小压接面积(AWG) The minimum area of a wire (AWG)	AWG28					
剥线长度 Strip length	8...9mm					

机械结构 Mechanical Structure

防护等级 Protection grade	IP20
外形尺寸(H X W X D) Size(H X W X D)	100mm X 12mm X 69mm
导轨类型 Installation type	35mm DIN

工作环境 Work Environment

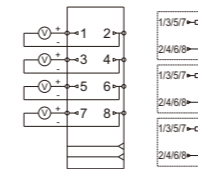
工作温度 Working temperature	-25...60°C
存储温度 Storage temperature	-40...85°C
相对湿度 Relative humidity	5...95%RH(无冷凝) 5...95%RH(non-condensing)

LED状态指示 LED Status Indicator

LED1	绿亮: 电源运行正常 Green : Power is working
LED2	绿闪: 耦合器与模块间通信正常 Green blinks: I/O system and modules working properly

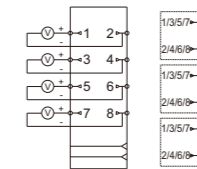
接线图 Wiring Diagram

Pin	描述 Description
1	AO1 +
2	AO1 -
3	AO2 +
4	AO2 -
5	AO3 +
6	AO3 -
7	AO4 +
8	AO4 -



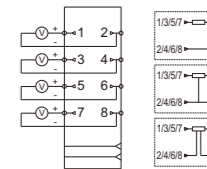
DF20-M-4AO-U-0

Pin	描述 Description
1	AO1 +
2	AO1 -
3	AO2 +
4	AO2 -
5	AO3 +
6	AO3 -
7	AO4 +
8	AO4 -



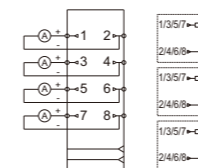
DF20-M-4AO-U-1

Pin	描述 Description
1	AO1 +
2	AO1 -
3	AO2 +
4	AO2 -
5	AO3 +
6	AO3 -
7	AO4 +
8	AO4 -



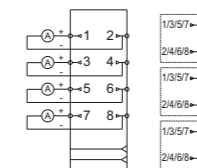
DF20-M-4AO-U-4

Pin	描述 Description
1	AO1 +
2	AO1 -
3	AO2 +
4	AO2 -
5	AO3 +
6	AO3 -
7	AO4 +
8	AO4 -



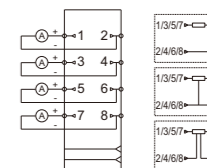
DF20-M-4AO-I-2

Pin	描述 Description
1	AO1 +
2	AO1 -
3	AO2 +
4	AO2 -
5	AO3 +
6	AO3 -
7	AO4 +
8	AO4 -

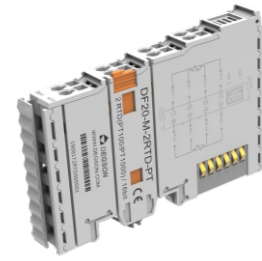


DF20-M-4AO-I-3

Pin	描述 Description
1	AO1 +
2	AO1 -
3	AO2 +
4	AO2 -
5	AO3 +
6	AO3 -
7	AO4 +
8	AO4 -

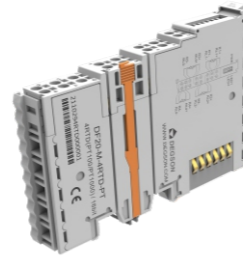


DF20-M-4AO-I-5



DF20-M-2RTD-PT

热电阻(RTD)测量模块,16位分辨率,2通道
Thermal Resistance (RTD) measurement module,
16 bit resolution, 2 channels



DF20-M-4RTD-PT

热电阻(RTD)测量模块,16位分辨率,4通道
Thermal Resistance (RTD) measurement module,
16 bit resolution, 4 channels

规格参数 Specification

品名 Product	DF20-M-2RTD-PT	DF20-M-4RTD-PT
通道数量 Number of channels	2	4
数据大小 Data size	4 Byte	8 Byte
传感器类型 Signal type	热电阻 Thermal resistance	
信号类型 Signal type	PT100、PT1000	
连接类型 Connection type	2/3/4-线制 2/3/4-line	2/3-线制 2/3-line
反向电路保护 Reverse protection	Yes	
隔离方式 Isolation method	与现场层磁隔离 Magnetic isolation	
错误诊断 Fault diagnosis	Yes	
分辨率 Resolution	16bit,0.1°C/每数位 16bit,0.1°C/ each number	
频率干扰抑制 Frequency interference suppression	10Hz 50Hz 60Hz 400Hz	
诊断 Diagnosis	断线 / 参数赋值错误 Disconnection, Parameter assignment error	
过程报警 Process alarm	每个通道上限/下限 Upper/Lower limit, per channel	
温度误差 Temperature coefficient	±50ppm/K max.	
测量范围 Measuring range	-200°C ~ 850°C	
精度 Precision	±0.3%	
转换时间 Conversion time	150ms	200ms

电源参数 Power Supply Parameters

连接方式 Connection type	弹簧式接线端子 Spring terminal blocks	
工作电压 Working voltage	24V DC +20 % / -15 %	
系统馈电电流 System feed current	<60mA	<100mA
导线的最大压接面积 Maximum area of wire	2.5mm ²	1.5mm ²
导线的最大压接面积(AWG) Maximum area of wire (AWG)	AWG14	AWG16
导线的最小压接面积 The minimum area of a wire	0.2mm ²	0.2mm ²
导线的最小压接面积(AWG) The minimum area of a wire (AWG)	AWG28	AWG28
剥线长度 Strip length	8...9mm	8...9mm

机械结构 Mechanical Structure

防护等级 Protection grade	IP20
外形尺寸(H X W X D) Size(H X W X D)	100mm X 12mm X 69mm
导轨类型 Installation type	35mm DIN

工作环境 Work Environment

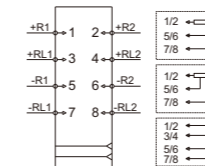
工作温度 Working temperature	-25...60°C
存储温度 Storage temperature	-40...85°C
相对湿度 Relative humidity	5...95%RH(无冷凝) 5...95%RH(non-condensing)

LED状态指示 LED Status Indicator

LED1	绿亮: 电源运行正常 Green: Power is working
LED2	绿闪: 耦合器与模块间通信正常 Green blinks: I/O system and modules working properly

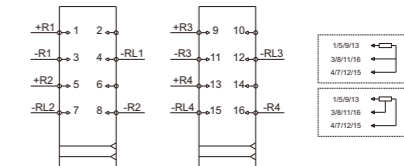
接线图 Wiring Diagram

Pin	描述 Description
1	+R1
2	+R2
3	+RI1
4	+RI2
5	-R1
6	-R2
7	-RI1
8	-RI2

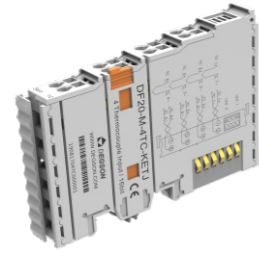


DF20-M-2RTD-PT

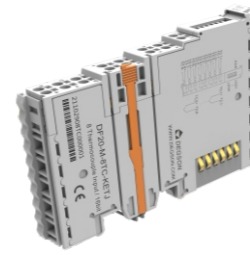
Pin	描述 Description	Pin	描述 Description
1	+R1	1	+R3
2	/	2	/
3	-R1	3	-R3
4	-RI1	4	-RI3
5	+R2	5	+R4
6	/	6	/
7	-RI2	7	-RI4
8	-R2	8	-R4



DF20-M-4RTD-PT



DF20-M-4TC-KETJ

 热电偶(TC)模块,4输入,16位分辨率
 Thermocouple (TC) module, 4 inputs,
 16 bit resolution


DF20-M-8TC-KETJ

 热电偶(TC)模块,8输入,16位分辨率
 Thermocouple (TC) module,8 inputs,
 16 bit resolution

规格参数 Specification

品名 Product	DF20-M-4TC-KETJ	DF20-M-8TC-KETJ
通道数量 Number of channels	4	8
数据大小 Data size	8 Byte	16 Byte
传感器类型 Signal type	热电偶 Thermocouple	
信号类型 Signal type	E(-30~900°C), J(-210~1200°C) T(-270~400°C), K(-30~1370°C)	
冷端补偿 Cold End compensation	内部和外部 (内部精度 ≤ 3K) Internal and external (accuracy ≤ 3K)	
模块诊断 Diagnosis	是 Yes	
温度系数 Temperature coefficient	≤ 50 ppm/K	
连接类型 Connection type	2-线制 2-line	
反向电路保护 Reverse protection	Yes	
隔离方式 Isolation method	与现场层磁隔离 Magnetic isolation	
错误诊断 Fault diagnosis	Yes	
内部电阻 Internal Resistance	/	
分辨率 Resolution	16bit,0.1°C/每数位 16bit,0.1°C/resolution	
频率干扰抑制 Frequency interference suppression	10Hz 50Hz 60Hz 400Hz	
诊断 Diagnosis	断线 / 参数赋值错误 Disconnection, Parameter assignment error	
过程报警 Process alarm	每个通道上限/下限 Upper/Lower limit, per channel	
温度误差 Temperature coefficient	±0.5%	
测量范围 Measuring range	-270°C ~ 1370°C	
精度 Precision	± 0.3%	
转换时间 Conversion time	125ms	

电源参数 Power Supply Parameters

连接方式 Connection type	弹簧式接线端子 Spring terminal blocks	
工作电压 Working voltage	24V DC +20%/-15%	
系统馈电流 System feed current	<70mA	<100mA
导线的最大压接面积 Maximum area of wire	2.5mm ²	1.5mm ²
导线的最大压接面积(AWG) Maximum area of wire (AWG)	AWG14	AWG16
导线的最小压接面积 The minimum area of a wire	0.2mm ²	0.2mm ²
导线的最小压接面积(AWG) The minimum area of a wire (AWG)	AWG28	AWG28
剥线长度 Strip length	8...9mm	8...9mm

机械结构 Mechanical Structure

防护等级 Protection grade	IP20
外形尺寸(H X W X D) Size(H X W X D)	100mm X 12mm X 69mm
导轨类型 Installation type	35mm DIN

工作环境 Work Environment

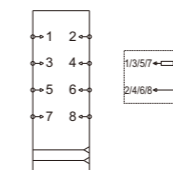
工作温度 Working temperature	-25...60°C
存储温度 Storage temperature	-40...85°C
相对湿度 Relative humidity	5...95%RH(无冷凝) 5...95%RH(non-condensing)

LED状态指示 LED Status Indicator

LED1	绿亮: 电源运行正常 Green: Power is working
LED2	绿闪: 耦合器与模块间通信正常 Green blinks: I/O system and modules working properly

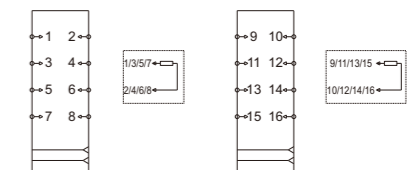
接线图 Wiring Diagram

Pin	描述 Description
1	Signal1 +
2	Signal1 -
3	Signal2 +
4	Signal2 -
5	Signal3 +
6	Signal3 -
7	Signal4 +
8	Signal4 -



DF20-M-4TC-KETJ

Pin	描述 Description	Pin	描述 Description
1	Signal1 +	9	Signal5 +
2	Signal1 -	10	Signal5 -
3	Signal2 +	11	Signal6 +
4	Signal2 -	12	Signal6 -
5	Signal3 +	13	Signal7 +
6	Signal3 -	14	Signal7 -
7	Signal4 +	15	Signal8 +
8	Signal4 -	16	Signal8 -



DF20-M-8TC-KETJ



DF20-M-1CNT-EL-4

DF20-M-1CNT-EL-5

DF20-M-1CNT-ELP-5

DF20-M-2CNT-PIL-4

DF20-M-2CNT-PIL-5

编码器输入模块,1通道,24V
Encoder input module,
1 port,24V

编码器输入模块,1通道,5V
Encoder input module,
1 port,5V

编码器输入模块/脉冲输出,
1通道,5V
Encoder input/pulse
output module, 1 port,5V

脉冲计数模块,2通道,24V
Pulse counting module,
2 port,24V

脉冲计数模块, 2通道, 5V
Pulse counting module,
2 port,5V

规格参数 Specification

品名 Product	DF20-M-1CNT-EL-4	DF20-M-1CNT-EL-5	DF20-M-1CNT-ELP-5	DF20-M-2CNT-PIL-4	DF20-M-2CNT-PIL-5
最大计数频率 Maximum frequency count	1Mhz	1Mhz	1Mhz	1Mhz	1Mhz
通道数量 Number of channels	1			2	
数据大小 Data size	12 Byte			28 Byte	
输入信号类型 Input signal type	增量式编码器 Incremental encoder			脉冲信号 Pulse signal	
输入信号电压 Input signal type	24V DC	5V DC	5V DC	24V DC	5V DC
输入连接类型 Input connection type	4-线制 4-line			2-线制 2-line	
输出信号类型 Output signal type	/	/	422 type	/	
反向电路保护 Reverse protection	Yes				
隔离方式 Isolation method	与现场层磁隔离 Magnetic isolation				
错误诊断 Fault diagnosis	Yes				
分辨率 Resolution	32 Bit				
精度 Precision	±1 pulse				

电源参数 Power Supply Parameters

连接方式 Connection type	弹簧式接线端子 Spring terminal blocks				
系统馈电电流 System feed current	<30mA	<30mA	<200mA	<30mA	<30mA
导线的最大压接面积 Maximum area of wire	2.5mm ²				
导线的最大压接面积(AWG) Maximum area of wire (AWG)	AWG14				
导线的最小压接面积 The minimum area of a wire	0.2mm ²				
导线的最小压接面积(AWG) The minimum area of a wire (AWG)	AWG28				
剥线长度 Strip length	8...9mm				

机械结构 Mechanical Structure

防护等级 Protection grade	IP20
外形尺寸(H X W X D) Size(H X W X D)	100mm X 12mm X 69mm
导轨类型 Installation type	35mm DIN

工作环境 Work Environment

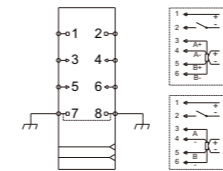
工作温度 Working temperature	-25...60°C
存储温度 Storage temperature	-40...85°C
相对湿度 Relative humidity	5...95%RH(无冷凝) 5...95%RH(non-condensing)

LED状态指示 LED Status Indicator

LED1	绿亮: 电源运行正常 Green : Power is working
LED2	绿闪: 耦合器与模块间通信正常 Green blinks: I/O system and modules working properly

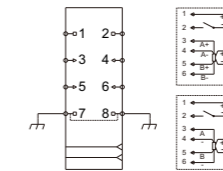
接线图 Wiring Diagram

Pin	描述 Description	备注 Notes
1	24V	NPN:1=24V,2=signal
2	0V	PNP:1=signal,2=0V
3	ENCA+ / ENCA	
4	ENCA- / 0V	
5	ENCB+ / ENCB	
6	ENCB- / 0V	
7	PE	
8	PE	



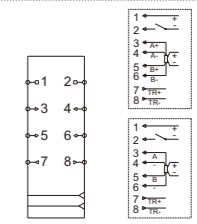
DF20-M-1CNT-EL-4

Pin	描述 Description	备注 Notes
1	24V	NPN:1=24V,2=signal
2	0V	PNP:1=signal,2=0V
3	ENCA+ / ENCA	
4	ENCA- / 0V	
5	ENCB+ / ENCB	
6	ENCB- / 0V	
7	PE	
8	PE	



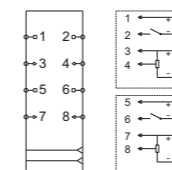
DF20-M-1CNT-EL-5

Pin	描述 Description	备注 Notes
1	24V	NPN:1=24V,2=signal
2	0V	PNP:1=signal,2=0V
3	ENCA+ / ENCA	
4	ENCA- / 0V	
5	ENCB+ / ENCB	
6	ENCB- / 0V	
7	RS422_TR_out+	
8	RS422_TR_out-	



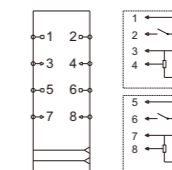
DF20-M-1CNT-ELP-5

Pin	描述 Description	备注 Notes
1	24V	NPN:1=24V,2=signal
2	0V	PNP:1=signal,2=0V
3	Signal1_24V	
4	Signal1	
5	24V	NPN:5=24V,6=signal
6	0V	PNP:5=signal,6=0V
7	Signal2_24V	
8	Signal2	

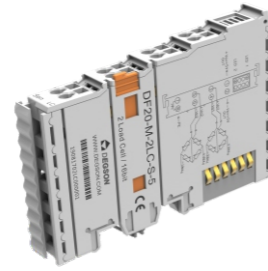


DF20-M-2CNT-PIL-4

Pin	描述 Description	备注 Notes
1	24V	NPN:1=24V,2=signal
2	0V	PNP:1=signal,2=0V
3	Signal1_24V	
4	Signal1	
5	24V	NPN:5=24V,6=signal
6	0V	PNP:5=signal,6=0V
7	Signal2_24V	
8	Signal2	



DF20-M-2CNT-PIL-5



DF20-M-2LC-S-5

 电桥测量模块, 16位分辨率, 2通道
 Bridge measurement module, 16-bit resolution, 2-channel

规格参数 Specification

品名 Product	DF20-M-2LC-S-5
测量范围 Measuring range	0-10mV
通道数量 Number of channels	2
信号类型 Signal type	电桥, 压力传感器 Load Cell/Bridge, pressure sensor, Load Cell
连接类型 Connection type	4-线制 4-line
反向电路保护 Reverse protection	Yes
隔离方式 Isolation method	与现场层磁隔离 Magnetic isolation
数据大小 Data size	8 Byte
错误诊断 Fault diagnosis	Yes
内部电阻 Internal Resistance	>500KΩ
分辨率 Resolution 16bit	16bit
频率干扰抑制 Frequency interference suppression	10Hz 50Hz 60Hz 400Hz
诊断 Diagnosis	参数赋值错误 Parameter assignment error
精度 Precision	0.20%
测量范围 Measuring range	-32768~32767
转换时间 Conversion time	3.3ms

电源参数 Power Supply Parameters

连接方式 Connection type	弹簧式接线端子 Spring terminal blocks
工作电压 Working voltage	24V DC +20%/-15%
系统馈电电流 System feed current	<210mA
导线的最大压接面积 Maximum area of wire	2.5mm ²
导线的最大压接面积(AWG) Maximum area of wire (AWG)	AWG14
导线的最小压接面积 The minimum area of a wire	0.2mm ²
导线的最小压接面积(AWG) The minimum area of a wire (AWG)	AWG28
剥线长度 Strip length	8...9mm

机械结构 Mechanical Structure

防护等级 Protection grade	IP20
外形尺寸(H X W X D) Size(H X W X D)	100mm X 12mm X 69mm
导轨类型 Installation type	35mm DIN

工作环境 Work Environment

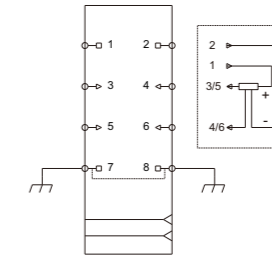
工作温度 Working temperature	-25...60°C
存储温度 Storage temperature	-40...85°C
相对湿度 Relative humidity	5...95%RH(无冷凝) 5...95%RH(non-condensing)

LED状态指示 LED Status Indicator

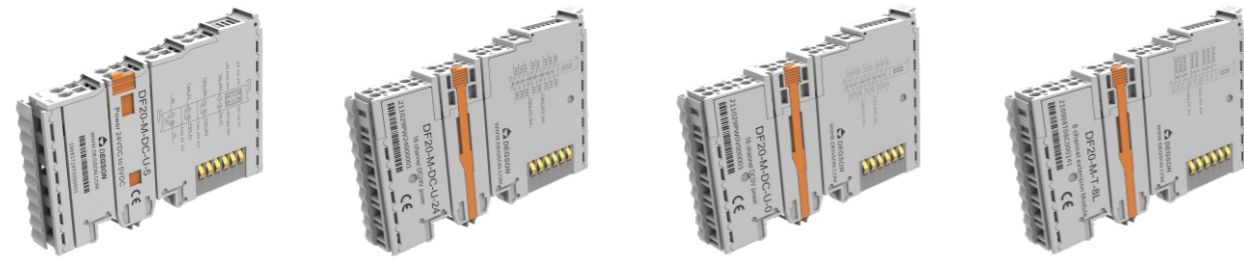
LED1	绿亮:电源运行正常 Green: Power is working
LED2	绿闪:耦合器与模块间通信正常 Green blinks: I/O system and modules working properly

接线图 Wiring Diagram

Pin	描述 Description
1	Ref power 5V
2	Ref power 0V
3	Signal1 +
4	Signal1 -
5	Signal2 +
6	Signal2 -
7	PE
8	PE



DF20-M-2LC-S-5



DF20-M-DC-U-5

DF20-M-DC-U-24

DF20-M-DC-U-0

DF20-M-T-8L

 电压分配模块, 24VDC转5VDC
Voltage distribution module, 24VDC to 5VDC

 电压分配模块, 16通道24VDC
Voltage distribution module, 16 channel 24VDC

 电压分配模块, 16通道0VDC
Voltage distribution module, 16 channel 0VDC

 电压分配模块, 8通道两线扩展
Voltage distribution module, 8 channel, 2 line

规格参数 Specification

品名 Product	DF20-M-DC-U-5	DF20-M-DC-U-24	DF20-M-DC-U-0	DF20-M-T-8L
通道数量 Number of channels	1	16	16	8
隔离方式 Isolation method	与现场层电气隔离 Electrical isolation	/	/	/

电源参数 Power Supply Parameters

连接方式 Connection type	弹簧式接线端子 Spring terminal blocks	弹簧式接线端子 Spring terminal blocks	弹簧式接线端子 Spring terminal blocks	弹簧式接线端子 Spring terminal blocks
工作电压 Working voltage	24V DC +20% / -15%	24V DC +20% / -15%	0V DC	0V...36VDC
反向电源保护 Reverse power protection	YES		/	
提供内部系统电压 Supply system voltage	5VDC		/	
提供内部系统电流 Supply system current	Max.0.75A		/	
提供负载电压 Supply load voltage	24V DC +20% / -15%	24V DC +20% / -15%	0VDC	Voltage distribution
提供负载最大电流 Supply load current (MAX)	5A		5A	
导线的最大压接面积 Maximum area of wire	2.5mm ²		1.5mm ²	
导线的最大压接面积(AWG) Maximum area of wire (AWG)	AWG14		AWG16	
导线的最小压接面积 The minimum area of a wire	0.2mm ²		0.2mm ²	
导线的最小压接面积(AWG) The minimum area of a wire (AWG)	AWG28		AWG28	
剥线长度 Strip length	8...9mm		8...9mm	

机械结构 Mechanical Structure

防护等级 Protection grade	IP20
外形尺寸(H X W X D) Size(H X W X D)	100mm X 12mm X 69mm
导轨类型 Installation type	35mm DIN

工作环境 Work Environment

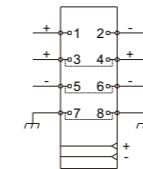
工作温度 Working temperature	-25...60°C
存储温度 Storage temperature	-40...85°C
相对湿度 Relative humidity	5...95%RH(无冷凝) 5...95%RH(non-condensing)

LED状态指示 LED Status Indicator

POWER-1, POWER-2	绿灯:内部系统电源运行正常。 Green: The system power is working.
POWER-7, POWER-8	绿灯:负载电源运行正常。 Green: The load power is working.

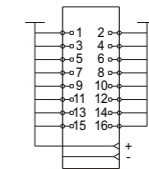
接线图 Wiring Diagram

Pin	描述 Description
1	System_24V
2	System_0V
3	Load_24V
4	Load_24V
5	Load_0V
6	Load_0V
7	PE
8	PE



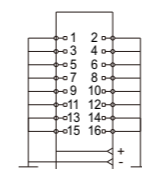
DF20-M-DC-U-5

Pin	描述 Description	Pin	描述 Description
1	Load_24V	9	Load_24V
2	Load_24V	10	Load_24V
3	Load_24V	11	Load_24V
4	Load_24V	12	Load_24V
5	Load_24V	13	Load_24V
6	Load_24V	14	Load_24V
7	Load_24V	15	Load_24V
8	Load_24V	16	Load_24V



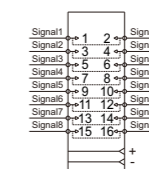
DF20-M-DC-U-24

Pin	描述 Description	Pin	描述 Description
1	Load_0V	9	Load_0V
2	Load_0V	10	Load_0V
3	Load_0V	11	Load_0V
4	Load_0V	12	Load_0V
5	Load_0V	13	Load_0V
6	Load_0V	14	Load_0V
7	Load_0V	15	Load_0V
8	Load_0V	16	Load_0V



DF20-M-DC-U-0

Pin	描述 Description	Pin	描述 Description
1	Signal1	9	Signal5
2	Signal1	10	Signal5
3	Signal2	11	Signal6
4	Signal2	12	Signal6
5	Signal3	13	Signal7
6	Signal3	14	Signal7
7	Signal4	15	Signal8
8	Signal4	16	Signal8



DF20-M-T-8L



DSW-A3K

DSW-A5K

DSW-A8K

特点

- 采用工业级芯片。
- 支持10/100/1000 BaseT(X)(RJ45接口)。
- 体积小，易于安装。
- 支持BSP 广播风暴保护、QoS 优先级。
- 压铸铝合金外壳。
- IP30防护等级。
- 无风扇，-40°C到+75°C工作温度。

Features

- Industrial-grade Chip.
- 10/100/1000 BaseT(X)(RJ45 connector).
- Compact size for easy installation.
- Broadcast storm protection (BSP), the Quality of Service (QoS) function.
- Die-casting aluminum alloy housing.
- IP30 protection class.
- -40 to 75°C wide operating temperature range.

技术指标 Specifications

型号 Type	DSW-A5K0005	DSW-A8K0008	DSW-A3K1020	DSW-A5K0050	DSW-A8K0080	DSW-A5K0104	DSW-A8K0206	DSW-A8K0107
端口 Ports	5电口 5 BaseT ports	8电口 8 BaseT ports	1光2电 1 BaseX SFP port 2 BaseT ports	5电口 5 BaseT ports	8电口 8 BaseT ports	1光4电 1 BaseX SFP port 4 BaseT ports	2光6电 2 BaseX SFP port 6 BaseT ports	1光7电 1 BaseX SFP port 7 BaseT ports
带宽 Bandwidth	100M	100M	1000M	1000M	1000M	100M	100M	100M

交换性能 Switch Properties

交换技术 Processing Type	平行存储转发 Store-and-Forward
背板带宽 Backplane Bandwidth	16Gbps (最大值) 16Gbps (Max)
MAC 地址表 MAC Table Size	4K (最大值) 4K (Max)
包缓存区 Packet Buffer Size	1.5Mb (最大值) 1.5Mb (Max)

拨码开关配置 DIP Switch Configuration

	Quality of Service (QoS), Broadcast Storm Protection (BSP)
	以太网接口 Ethernet Interface

功率参数 Power Parameters

连接 Connection	1个可拆卸的2-PIN端子 1 removable 2-contact terminal block
输入电压 Input Voltage	12/24/48 VDC & 24 VAC
工作电压 Operating Voltage	9.6~60 VDC & 18~30 VAC
过载电流保护 Overload Current Protection	Supported
反极性保护 Reverse Polarity Protection	Supported

物理特性 Physical Characteristics

安装方式 Installation	卡轨安装 DIN-rail mounting
外壳 Housing	压铸铝合金外壳 Die-casting aluminum alloy housing
产品尺寸 (W×H×D) Dimensions	MTX100-A3K/-A5K: 24mm x 100mm x 61.8mm MTX100-A8K: 40mm x 100mm x 61.8mm
重量 Weight	0.23Kg (最大值) 0.23Kg (Max)
功耗 Power Consumption	5W (最大值) 5W(Max)

环境特性 Environment Limits

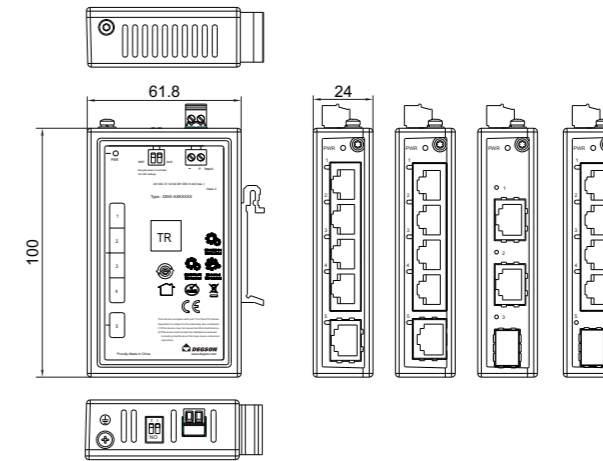
湿度 Ambient Relative Humidity	5% ~ 95% (无冷凝) 5 to 95% (non-condensing)
工作温度 Operating Temperature	-40°C~75°C
存储温度 Storage Temperature	-40°C~85°C

行业认证及测试 Standards and Certifications

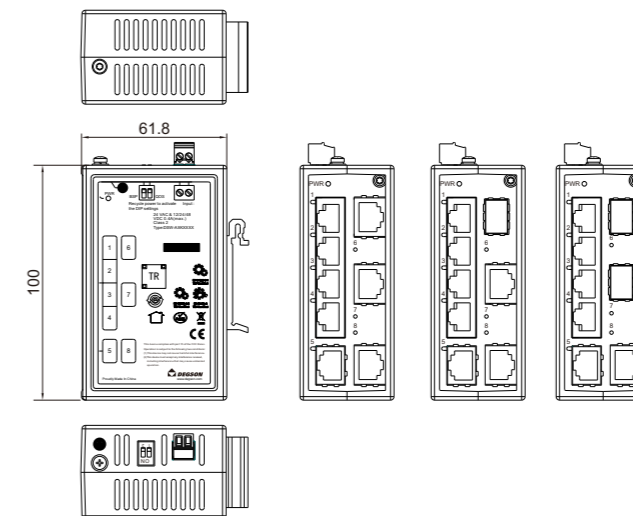
产品安全 Safety	IEC/EN62368-1
FCC	FCC 47 CFR Part 15 Class A
EMC	EN55032 EN55035

外形尺寸图 Overall Dimensions

DSW-A3K/A5K



DSW-A8K



附件 Accessories

产品图 Picture	品名 Product	传输速率 Transmission rate	传输模式 Transfer mode	配套型号 Matching model
	DSW-SFP-01-S-20	10/100Mbps	单模 Single mode	DSW-A5K0104 DSW-A8K0107 DSW-A8K0206
	DSW-SFP-10-S-20	100/1000Mbps	单模 Single mode	DSW-A3K1020



DSW-A16K000G

特点

- 采用工业级芯片
- 体积小，易于安装
- 支持QoS (IEEE 802.1P/1Q和TOS/DiffServ)
- 压铸铝合金外壳
- IP30防护等级
- 采用冗余双输入电源设计
- 无风扇，-40°C到+75°C工作温度
- 支持 DIP 声光报警输出和 1 个继电器报警口(1A@24VDC)

Features

- Industrial-grade Chips
- Small size, and easy to install
- Support QoS (IEEE 802.1P/1Q and TOS/DiffServ)
- Die-cast aluminum alloy shell
- IP30 protection grade
- Redundant dual input power supply design
- -40 to 75°C wide operating temperature range
- Support DIP sound and light alarm output and 1 relay alarm port (1A@24VDC)

技术指标 Specifications

型号 Type	DSW-A16K000G
端口 Ports	16 16 BaseT ports
带宽 Bandwidth	100M

交换性能 Switch Properties

交换技术 Processing Type	平行存储转发 Store-and-Forward
背板带宽 Backplane Bandwidth	8.8Gbps (最大值) 8.8Gbps (Max)
MAC 地址表 MAC Table Size	8K (最大值) 8K (Max)
包缓存区 Packet Buffer Size	4Mb (最大值) 4Mb (Max)

拨码开关配置 DIP Switch Configuration

拨码开关功能 DIP Switch Function	QoS (服务质量), BSP (广播风暴防护), 电源告警, 端口告警, 告警蜂鸣器 QoS (Quality of Service), BSP (Broadcast Storm Protection), Power Alarm, Port Alarm, Alarm Buzzer
----------------------------	--

功率参数 Power Parameters

连接 Connection	1个可拆卸的6-PIN端子 1 removable 6-contact terminal block
输入电压 Input Voltage	12/24/48 VDC & 24 VAC, 冗余双输入 12/24/48 VDC & 24 VAC, redundant dual input
工作电压 Operating Voltage	9.6-60 VDC & 18-30 VAC
过载电流保护 Overload Current Protection	支持 Supported
反极性保护 Reverse Polarity Protection	支持 Supported
功耗 Power Consumption	<10W

物理特性 Physical Characteristics

安装方式 Installation	卡轨安装 DIN-rail mounting
外壳 Housing	压铸铝合金外壳 Die-casting aluminum alloy housing
防护等级 IP Grade	IP30
产品尺寸 (W×H×D) Dimensions	52mmx140mmx110mm
重量 Weight	<1.2 kg

环境特性 Environment Limits

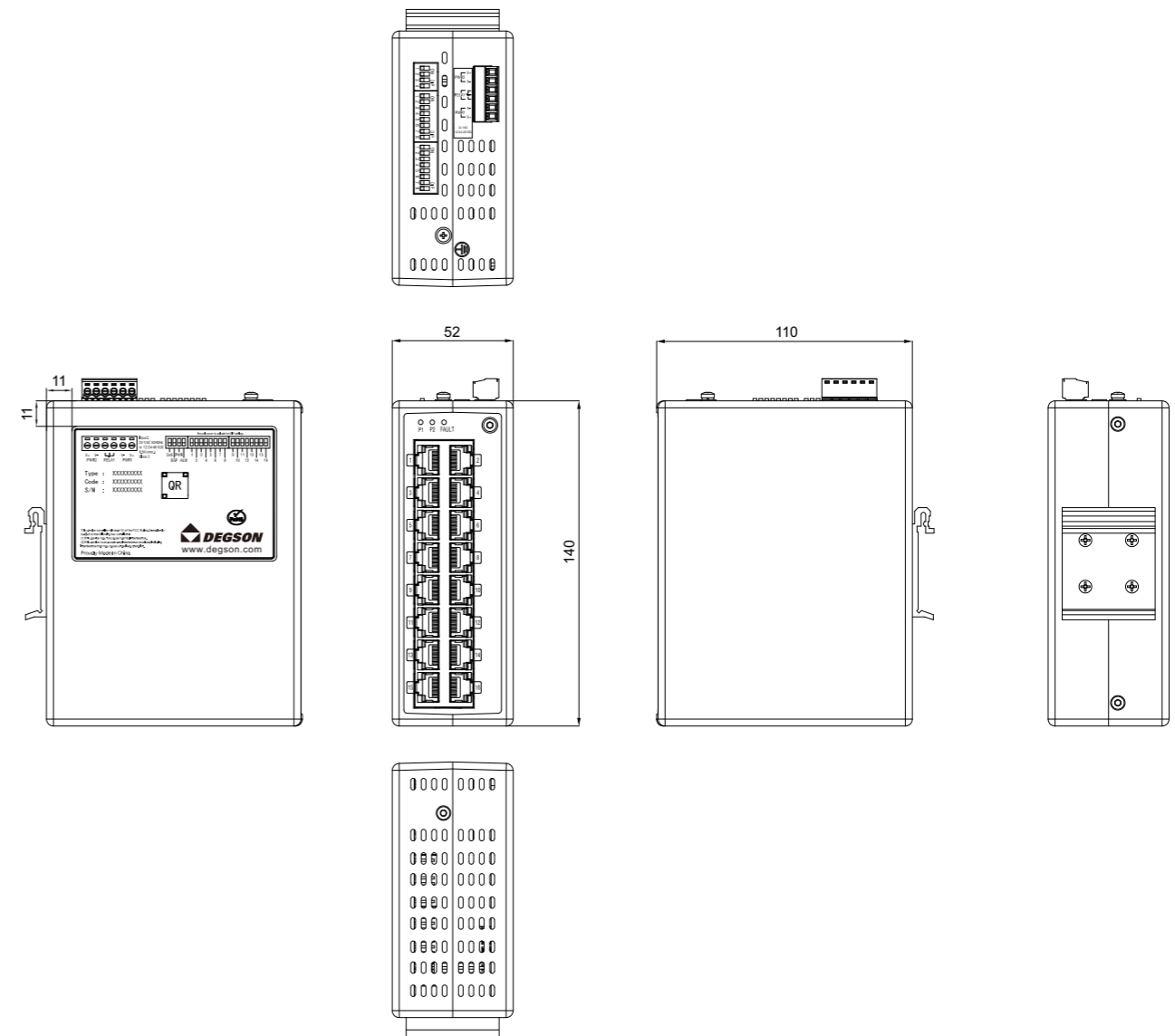
湿度 Ambient Relative Humidity	5% ~ 95% (无冷凝) 5 to 95% (non-condensing)
工作温度 Operating Temperature	-40°C~ 75°C
存储温度 Storage Temperature	-40°C~ 85°C

行业认证及测试 Standards and Certifications

产品安全 Safety	IEC/EN62368-1
FCC	FCC: FCC 47 CFR Part 15 Class A
EMC	EN55032 EN55035

外形尺寸图 Overall Dimensions

DSW-A16K000G



附件 Accessories

产品图 Picture	品名 Product	传输速率 Transmission rate	传输模式 Transfer mode	配套型号 Matching model
/	/	/	/	/
/	/	/	/	/



DSW-A6K2040P



DSW-A10K2080P

特点

- 全千兆端口。
- 背板带宽为20Gbps。
- 支持PoE供电，支持IEEE 802.3af/at标准。
- 每个PoE端口最大输出功率30W。
- 支持PoE管理：PoE设备检测、PoE电源管理。
- 压铸铝合金外壳。
- 无风扇，-40°C到+75°C工作环境温度。
- MTBF≥400,000小时

Features

- Full Gigabit Ethernet ports.
- 20Gbps backplane bandwidth.
- Support IEEE 802.3af/at compliant PoE.
- Each PoE port provides up to 30W output power.
- PoE management: PoE device detection, PoE power management.
- Dual redundant power inputs design for DC models.
- IP40 Die-casting aluminum alloy housing.
- Fanless, -40 to 75°C wide operating temperature range.
- MTBF≥400,000 hours.

技术指标 Specifications

型号 Type	DSW-A6K2040P	DSW-A10K2080P
端口 Ports	2光4电 2 BaseX SFP port, 4 BaseT ports	2光8电 2 BaseX SFP port, 8 BaseT ports
带宽 Bandwidth	1000M	1000M

交换性能 Switch Properties

交换技术 Processing Type	平行存储转发 Store-and-Forward
背板带宽 Backplane Bandwidth	20Gbps (最大值) 20Gbps (Max)
MAC 地址表 MAC Table Size	4K (最大值) 4K (Max)
交换速率 Exchange Rate	148,800 pps/百兆口 1000M ports; 1,488,000 pps/千兆口 1000M ports

功率参数 Power Parameters

连接 Connection	1个可拆卸的5-PIN端子 1 removable 5-contact terminal block
输入电压 Input Voltage	DSW-A6K/A10K: 48 - 57VDC, 冗余双输入 Redundant dual inputs
过载电流保护 Overload Current Protection	支持 Supported
反极性保护 Reverse Polarity Protection	支持 Supported

物理特性 Physical Characteristics

安装方式 Installation	卡轨安装、表面安装 DIN-rail mounting, Wall mounting
外壳 Housing	压铸铝合金外壳 Die-casting aluminum alloy housing
防护等级 Protection level	IP30
产品尺寸 (W×H×D) Dimensions	52mm×140mm×110mm
重量 Weight	0.7 kg
MTBF	>400,000H

环境特性 Environment Limits

湿度 Ambient Relative Humidity	5% ~ 95% (无冷凝) 5 to 95% (non-condensing)
运行温度 Operating Temperature	-40°C~75°C
存储温度 Storage Temperature	-40°C~85°C

电磁特性 Electromagnetic Characteristics

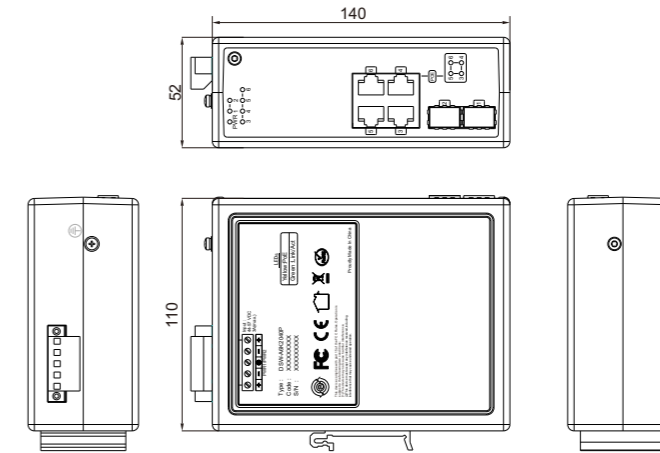
电磁辐射 EMI	FCC 47 CFR Part 15 Class A EN55022 Class A
----------	--

行业认证及测试 Standards and Certifications

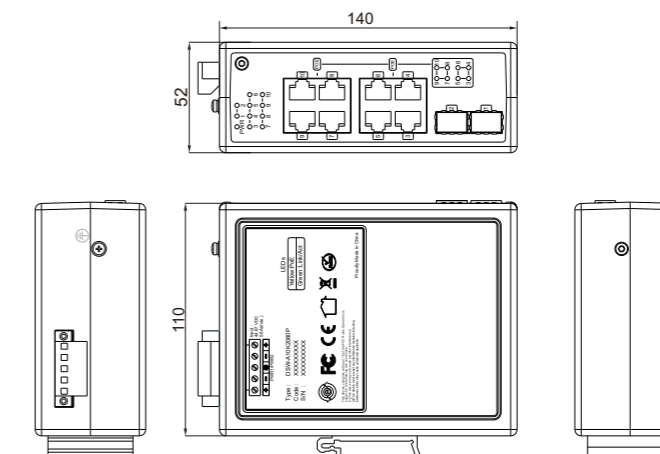
产品安全 Safety	FCC Part 15 Subpart B Class A IEC/EN55022 Class A IEC60825-1
工业控制行业 Industrial Control Industry	UL/cUL61010
电力行业 Power Industry	IEC61850-3 IEEE1613 (C37.90.x)

外形尺寸图 Overall Dimensions

DSW-A6K2040P



DSW-A10K2080P


附件 Accessories

产品图 Picture	品名 Product	传输速率 Transmission rate	传输模式 Transfer mode	配套型号 Matching model
	DSW-SFP-10-S-20	100/1000Mbps	单模 Single mode	DSW-A6K2040P DSW-A10K2080P
/	/	/	/	/



DPE1-75W-D24-01A(H) DPE1-120W-D24-01A(H)

特点

- 宽输入电压范围: 90-264VAC / 120-370VDC。
- 工作温度范围: -30°C - +70°C。
- 4000VAC高隔离电压。
- 低纹波噪声。
- 输出短路、过流、过压、过温保护。
- 可安装在TS-35/7.5/15上。

Features

- Wide input voltage range: 90-264VAC / 120-370VDC.
- Operating temperature range: -30 °C - +70 °C.
- 4000vac high isolation voltage.
- Low ripple noise.
- Output short circuit, overcurrent, overpressure and overtemperature protection.
- Can be installed on ts-35/7.5/15.

规格参数 Specification

品名 Product Name	DPE1-75W-D24-01A(H)	DPE1-120W-D24-01A(H)
输入参数 Input Parameter		
输入电压范围 Input voltage range	单相, 90...264Vac/127...370Vdc Single Phase, 90... 264 VAC/127... 370 VDC	
输入频率范围 Input frequency range	47...63Hz	
输入电流 Input Current	2A (115Vac) 1A (230Vac)	2.7A (115Vac) 1.6A (230Vac)
待机功耗 Power consumption	<1W	
接线方式 Connection Mode	螺钉联接 PCB universal screw terminal blocks	
输出参数 Output Parameter		
输出效率 Output efficiency	89% (230Vac@24V/3.2A, 25°C)	88% (230Vac@24V/5A, 25°C)
额定输出电压 Output rated voltage	24VDC ±1%	
输出电压可调节范围 Range of output voltage	24...28VDC	
额定输出电流 Output rated current	3.2A	5A
额定输出功率 Rated power	76.8W	120W
电压纹波输出(20MHz) Voltage Ripple (20MHz)	< 120mVp-p	
负载变化与电流斜率 Load variation and current slope	10%~100%, 0.032A/μs	10%~100%, 0.05A/μs
上升时间 Rise time	<3000ms	
容性负载 Capacitive load	1500μF	1200μF
动态恢复时间 Dynamic recovery time	≤1ms	
线性调节率 Linear rate of adjustment	±0.5%	
负载调节率 Load regulation	±1%	
冲击电流 Impulse current	25A (115Vac) 45A (230Vac)	30A (115Vac) 55A (230Vac)
漏电流 Leakage current	<0.5mA (240Vac)	
温度漂移系数 Coefficient of temperature drift	±0.03% / °C	
掉电保持时间 Power-down hold time	12ms (115Vac) 60ms (230Vac)	8ms (115Vac) 16ms (230Vac)
开关频率 Switching frequency	65KHZ	
接线方式 Connection Mode	螺钉联接 PCB universal screw terminal blocks	

机械参数 Mechanical Parameter

尺寸(L x W x D) Size (L X W X D)	87.5 x 32 x 125 mm	100 x 36 x 125 mm
重量 Weight	0.35 kg	0.41 kg
外壳材质 Shell material	金属(AL1100,SGCC) Metal (Al1100, SGCC)	
DC指示灯 DC light	YES	

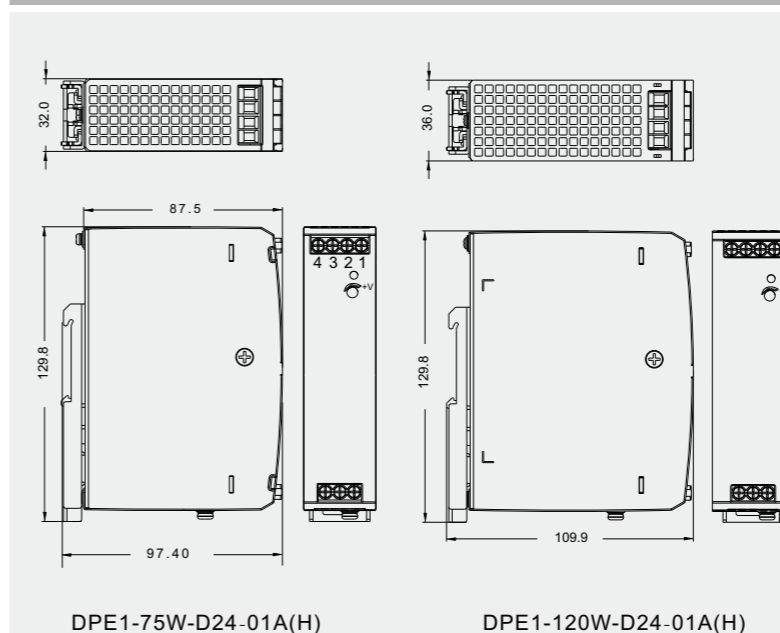
环境参数 Environmental Parameter

工作温度 Working temperature	-30°C to +70°C	-20°C to +60°C
存储温度 Storage temperature	-40°C to +85°C	
存储湿度 Storage humidity	10...95%	
工作湿度 Working Humidity	20...90%	
冲击测试 Impact test	IEC60068-2-27(各坐标方向, 30G) IEC 60068-2-27(bearing 30G)	
振动测试 Vibration test	IEC60068-2-6(X, Y, Z三轴, 2G) IEC 60068-2-6(X, Y, Z axis, 2g)	
污染等级 Pollution level	2	
运行海拔高度 Operational altitude	0-2000m	

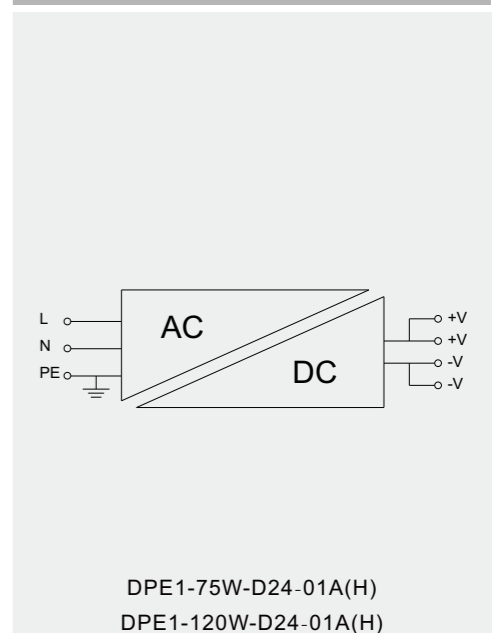
安全保护参数 Security Parameter

过流保护范围 Overcurrent protection range	105%...150%。负载异常条件移除后可自动恢复 105%... 150%, which can be recovered automatically after the abnormal load conditions are removed
过压保护 Overvoltage protection	≤33V (输出电压关断, 输入重启恢复) ≤ 33V (output voltage off, input restart recovery)
过温保护 Overheat protection	输出电压关断, 过温异常解除且电源重启后可恢复输出 The output voltage is turned off, the abnormal over temperature is removed and the output can be restored after the power is restarted
短路保护 Short circuit protection	可长期短路保护, 自恢复 Can be short-circuited for long periods of time, self-recovery
安全标准 Safety Standard	IS13252(Part1) & EN62368-1
安全等级 Security level	CLASS I
平均故障间隔时间 Mean Time between failures	> 300,000 小时 > 300,000 hours

产品尺寸图 Dimensional Drawing



接线图 Wiring Diagram





DPS1-120W-D24-01A(H) DPS1-240W-D24-01A(H) DPS1-480W-D24-01A(H)

特点

- 宽输入电压范围: 100-260VAC / 120-370VDC。
- 工作温度范围: -30°C - +70°C。
- 效率高达94%。
- DC OK功能。
- 主动式PFC。
- 150%峰值功率可持续1S输出。
- 输出短路、过流、过压、过温保护。
- 可安装在TS-35/7.5/15上。

Features

- Wide Input Voltage Range: 100-260VAC/120-370VDC.
- Operating temperature range: -30 °C-+ 70 °C .
- Efficiency up to 94% .
- DC OK function.
- Active PFC 150% .
- Peak power sustainable 1s output.
- Output short-circuit, overcurrent, overpressure, overtemperature protection.
- Can be installed on TS-35/7.5/15.

规格参数 Specification

额定输出电压 Output rated voltage	DPS1-120W-D24-01A(H)	DPS1-240W-D24-01A(H)	DPS1-480W-D24-01A(H)
输入参数 Input Parameter			
输入电压范围 Input voltage range	单相, 100...240Vac/100...370Vdc Single Phase, 100...240 VAC/100...370 VDC	单相, 100...240Vac/120...370Vdc Single Phase, 100...240 VAC/120...370 VDC	单相, 85...264Vac/120...370Vdc Single Phase, 85...264 VAC/120...370 VDC
输入频率范围 Input frequency range	47...63Hz		
输入电流 Input Current	1.5A (115Vac) 0.75A (230Vac)	3A (115Vac) 1.5A (230Vac)	5A (115Vac) 2.5A (230Vac)
待机功耗 Power consumption	<2W	<4W	<8W
接线方式 Connection Mode	螺钉联接 PCB universal screw terminal blocks		
输出参数 Output Parameter			
输出效率 Output efficiency	94% (230Vac@24V/5A, 25°C)	94% (230Vac@24V/5A, 25°C)	94% (230Vac@24V/5A, 25°C)
额定输出电压 Output rated voltage	24VDC ±1%	24VDC ±1%	24VDC ±1%
输出电压可调节范围 Range of output voltage	23.5VDC...28VDC	23.5VDC...28VDC	23.5VDC...28VDC
额定输出电流 Output rated current	5A	10A	20A
额定输出功率 Rated power	120W	240W	480W
电压纹波输出(20MHz) Voltage Ripple (20MHz)	< 100mVp-p	< 120mVp-p	< 100mVp-p
负载变化与电流斜率 Load variation and current slope	10%~100%, 0.05A/μs	10%~100%, 0.05A/μs	10%~100%, 0.05A/μs
上升时间 Rise time	≤1000ms	≤3000ms	≤3000ms
容性负载 Capacitive load	50000μF	40000μF	2700μF
功率因数 Power factor	0.98 (115Vac) 0.94 (230Vac)	0.98 (115Vac) 0.94 (230Vac)	0.99 (115Vac) 0.95 (230Vac)
启动延迟时间 Startup delay time	≤1000ms	≤3000ms	≤3000ms
动态恢复时间 Dynamic recovery time	≤1ms	≤1ms	≤1ms
线性调节率 Linear rate of adjustment	±0.5%	±0.5%	±0.5%
负载调节率 Load regulation	±1%	±1%	±1%
冲击电流 Impulse current	15A (115Vac) 30A (230Vac)	15A (115Vac) 30A (230Vac)	20A (115Vac) 40A (230Vac)
漏电流 Leakage current	< 1mA (240Vac)	< 0.5mA (240Vac)	< 0.8mA (240Vac)
温度漂移系数 Coefficient of temperature drift	±0.03% / °C	±0.03% / °C	±0.03% / °C
掉电保持时间 Power-down hold time	20ms	20ms	20ms
开关频率 Switching frequency	100KHZ	100KHZ	100KHZ
接线方式 Connection Mode	螺钉联接 PCB universal screw terminal blocks		

机械参数 Mechanical Parameter

尺寸(L x W x D) Size (L X W X D)	110 x 32 x 124 mm	110 x 41 x 124 mm	131.5 x 48 x 125 mm
重量 Weight	0.49 kg	0.65 kg	0.98 kg
外壳材质 Shell material	金属(AL1100,SGCC) Metal (Al1100, SGCC)		
DC 指示灯 DC light	YES		

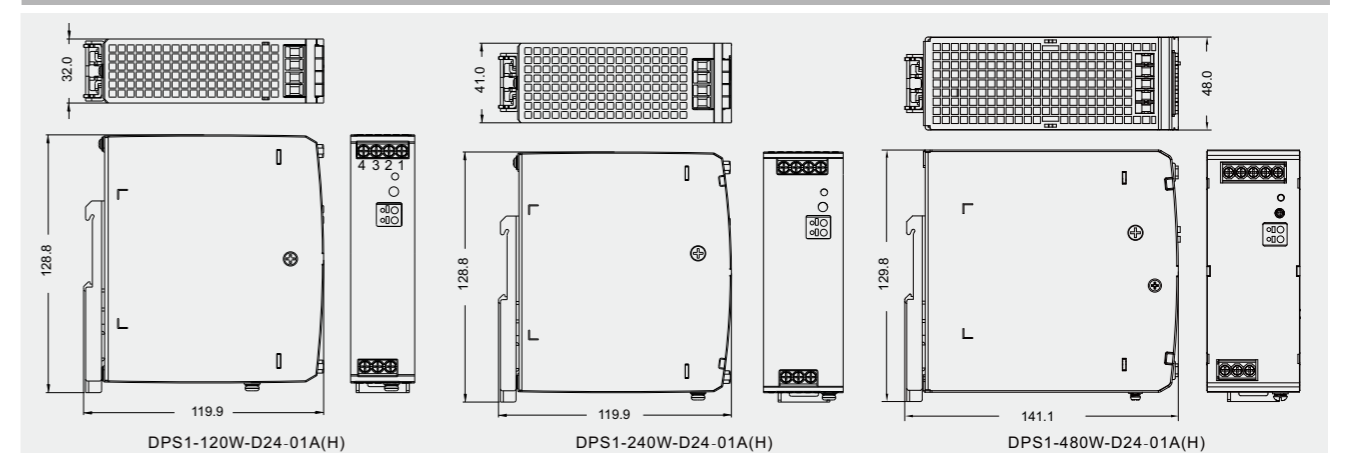
环境参数 Environmental Parameter

工作温度 Working temperature	-40°C to +70°C	-30°C to +70°C
存储温度 Storage temperature	-40°C to +85°C	
存储湿度 Storage humidity	10...95%	
工作湿度 Working Humidity	20...90%	
冲击测试 Impact test	IEC60068-2-27(各坐标方向, 30G) IEC 60068-2-27(bearing 30G)	
振动测试 Vibration test	10~500Hz, 5G 10分钟/周期 10~500hz, 5g, 10 minutes / cycle	
污染等级 Pollution level	2	
运行海拔高度 Operational altitude	5000m	2000m

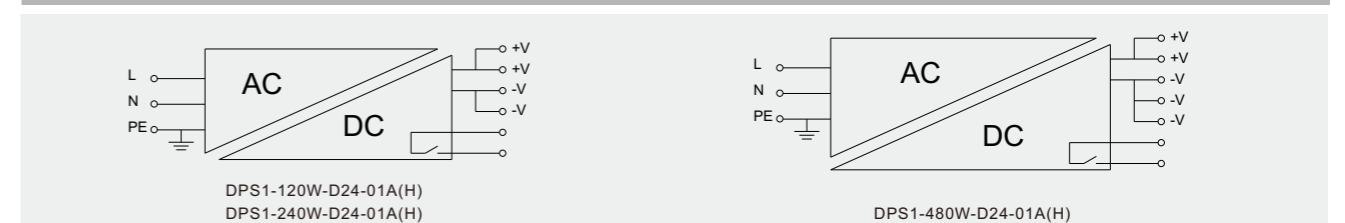
安全保护参数 Security Parameter

过流保护范围 Overcurrent protection range	105%...150%, 负载异常条件移除后可自动恢复 105% ... 150%, automatically recovers after the abnormal load condition is removed		
过压保护 Overvoltage protection	≤33V (输出电压关断, 输入重启恢复) ≤ 33V (output voltage off, input restart recovery)		
过温保护 Overheat protection	开始温度: 90°C, 释放温度: 60°C Start temperature: 90 °C, release temperature: 60 °C	开始温度: 80°C, 释放温度: 60°C Start temperature: 80 °C, release temperature: 60 °C	开始温度: 90°C, 释放温度: 60°C Start temperature: 90 °C, release temperature: 60 °C
短路保护 Short circuit protection	可长期短路保护, 自恢复 Can be short-circuited for long periods of time, self-recovery		
安全标准 Safety Standard	UL61010-1 & UL61010-2-201 & EN62368-1		
安全等级 Security level	CLASS I		
平均故障间隔时间 Mean Time between failures	> 300,000 小时 > 300,000 hours		

产品尺寸图 Dimensional Drawing



接线图 Wiring Diagram





DRPS-1C-D24-06A(H)

DPSF05A-E1-00A(H)

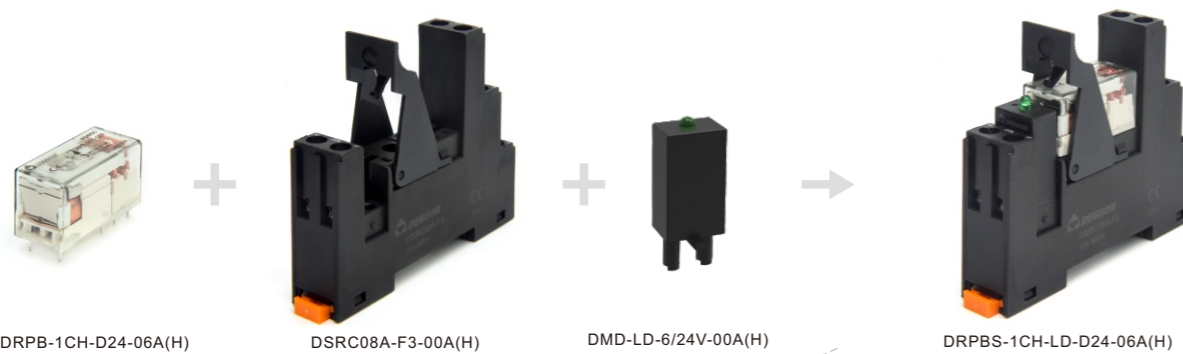


DRPS-1C-D60-06A(H)

DPSF05B-E1-00A(H)

DRPS系列 DRPS series

技术参数 Technical parameter	继电器 Relay	底座 Base	附件 Accessory	套装型号 Assembled module
24DC/1CO/6A	DRPS-1C-D24-06A(H)	DPSF05A-E1-00A(H)	/	/
220AC/1CO/6A	DRPS-1C-D60-06A(H)	DPSF05B-E1-00A(H)	/	/



DRPB-1CH-D24-06A(H)

DSRC08A-F3-00A(H)

DMD-LD-6/24V-00A(H)

DRPBS-1CH-LD-D24-06A(H)



DRPB-2C-D24-06A(H)

DSRC08A-F3-00A(H)

DMD-LD-6/24V-00A(H)

DRPBS-2C-LD-D24-06A(H)

DRPB系列 DRPB series

技术参数 Technical parameter	继电器 Relay	底座 Base	附件 Accessory	套装型号 Assembled module
24DC/1CO/16A	DRPB-1CH-D24-06A(H)	DSRC08A-F3-00A(H)	DMD-LD-6/24V-00A(H)	DRPBS-1CH-LD-D24-06A(H)
24DC/2CO/8A	DRPB-2C-D24-06A(H)	DSRC08A-F3-00A(H)	DMD-LD-6/24V-00A(H)	DRPBS-2C-LD-D24-06A(H)



DRPT-1C-LR-D24-02A(H)

DSRT05A-E3-00A(H)

DRPTP-1C-D24-02A(H)



DRPT-1C-LR-A220-02A(H)

DSRT05A-E3-00A(H)

DRPTP-1C-A220-02A(H)



DRPT-2C-LR-D24-02A(H)

DSRT08A-E3-00A(H)

DRPTP-2C-D24-02A(H)



DRPT-2C-LR-A220-02A(H)

DSRT08A-E3-00A(H)

DRPTP-2C-A220-02A(H)

DRPT系列 DRPT series

技术参数 Technical parameter	继电器 Relay	底座 Base	附件 Accessory	套装型号 Assembled module
24DC/1CO/12A	DRPT-1C-LR-D24-02A(H)	DSRT05A-E3-00A(H)	/	DRPTP-1C-D24-02A(H)
220AC/1CO/12A	DRPT-1C-LR-A220-02A(H)	DSRT05A-E3-00A(H)	/	DRPTP-1C-A220-02A(H)
24DC/2CO/8A	DRPT-2C-LR-D24-02A(H)	DSRT08A-E3-00A(H)	/	DRPTP-2C-D24-02A(H)
220AC/2CO/8A	DRPT-2C-LR-A220-02A(H)	DSRT08A-E3-00A(H)	/	DRPTP-2C-A220-02A(H)



+



→



DRPE-2CH-LR-D24-07A(H)

DPYF08A-E3-00A(H)

DRPEP-2CH-D24-07A(H)



+



→



DRPE-2CH-LR-A220-07A(H)

DPYF08A-E3-00A(H)

DRPEP-2CH-A220-07A(H)



+



→



DRPE-4C-LR-D24-07A(H)

DPYF14A-E3-00A(H)

DRPEP-4C-D24-07A(H)



+



→



DRPE-4C-LR-A220-07A(H)

DPYF14A-E3-00A(H)

DRPEP-4C-A220-07A(H)

DRPE系列 DRPE series

技术参数 Technical parameter	继电器 Relay	底座 Base	附件 Accessory	套装型号 Assembled module
24DC/2CO/10A	DRPE-2CH-LR-D24-07A(H)	DPYF08A-E3-00A(H)	/	DRPEP-2CH-D24-07A(H)
220AC/2CO/10A	DRPE-2CH-LR-A220-07A(H)	DPYF08A-E3-00A(H)	/	DRPEP-2CH-A220-07A(H)
24DC/4CO/5A	DRPE-4C-LR-D24-07A(H)	DPYF14A-E3-00A(H)	/	DRPEP-4C-D24-07A(H)
220AC/4CO/5A	DRPE-4C-LR-A220-07A(H)	DPYF14A-E3-00A(H)	/	DRPEP-4C-A220-07A(H)



+



→



DRPL-2C-L-D24-02A(H)

DPTF08A-E3-00A(H)



+



→



DRPL-2C-L-A220-02A(H)

DPTF08A-E3-00A(H)



+



→



DRPL-4C-L-D24-02A(H)

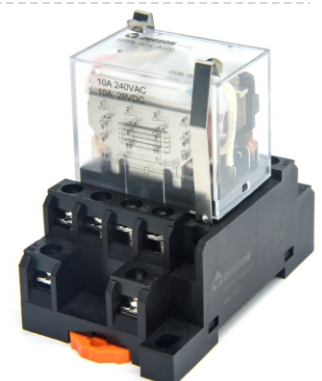
DPTF14A-E3-00A(H)



+



→



DRPL-4C-L-A220-02A(H)

DPTF14A-E3-00A(H)

DRPL系列 DRPL series

技术参数 Technical parameter	继电器 Relay	底座 Base	附件 Accessory	套装型号 Assembled module
24DC/2CO/10A	DRPL-2C-L-D24-02A(H)	DPTF08A-E3-00A(H)	/	/
220AC/2CO/10A	DRPL-2C-L-A220-02A(H)	DPTF08A-E3-00A(H)	/	/
24DC/4CO/10A	DRPL-4C-L-D24-02A(H)	DPTF14A-E3-00A(H)	/	/
220AC/4CO/10A	DRPL-4C-L-A220-02A(H)	DPTF14A-E3-00A(H)	/	/



DRPS

特点

- 体积小、6A切换功率。
- 配有多种插座可供选择。
- 环保产品 RoHS。

Features

- Small size, 6A switching power.
- Multiple sockets optional.
- Green product RoHS.

性能参数 Performance Parameters

触点参数 Contact parameters

触点形式 Contact form	1C
触点材料 Contact material	Ag alloy
阻性负载 Resistive load	1C: 6A@250VAC/30VDC
马达负载 Motor load	1C: 1/3HP@250VAC
切换功率 Switch power	1C: 4000VA, 480W
接触电阻 (初始) Contact resistance (Initial)	<50mΩ
电气寿命 (1s通/1s断) Electrical life (1s on/1s off)	>1x10 ⁵ (1800 Ops/h)
机械寿命 (300次/分钟) Mechanical life (300 cycles/min)	>1x10 ⁷ (18000 Ops/h)

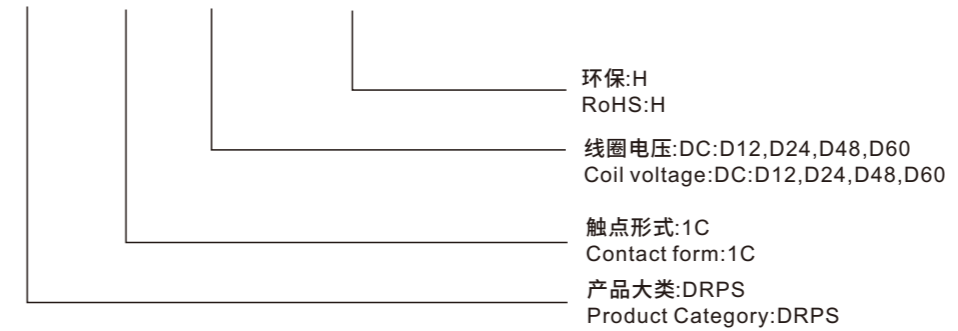
线圈参数 Coil parameters

额定电压 Rated voltage (DC)	DC12V	DC24V	DC48V	DC60V
额定电阻 Rated resistance (±10%)	847Ω	3388Ω	10618Ω	20570Ω
吸合电压 Operate voltage	DC: ≤75% (Rated voltage)			
释放电压 Release voltage	DC: ≥10% (Rated voltage)			
最大工作电压 Max input voltage	110% (Rated voltage)			
线圈功耗 Coil power	0.40W			
吸合时间 Operate time	<8ms			
释放时间 Release time	<4ms			

通用参数 Universal parameters

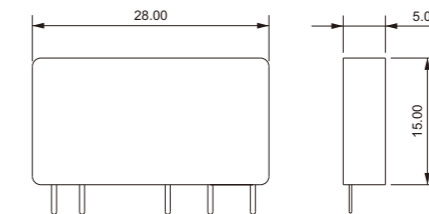
绝缘电阻 Insulation resistance	1000MΩ(500VDC)
介质耐压 Dielectric voltage	
同极触点间 Between contacts	1000VAC/1min
异极触点间 Between contacts (different pole)	\
线圈触点间 Between contacts and coil	4000VAC/1min
耐冲击 Shock withstanding	10G (Half sine wave pulse 11ms)
耐振动 Vibration withstanding	10-55Hz (Double amplitude 1.0mm)
环境温度 Ambient temperature	-40...+55°C
环境湿度 Ambient humidity	35%~80%RH
重量 Weight	17g
配套插座 Matching socket	1C: DPSF06A series

DRPS - 1C - D24 - 06A (H)



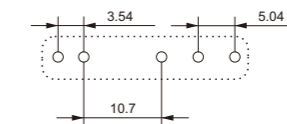
外形尺寸图 Overall Dimensions

DRPS-1C

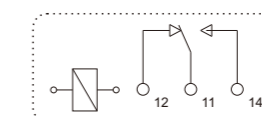


脚位图、接线图 Installation Diagrams, Wiring Diagrams

DRPS-1C



DRPS-1C





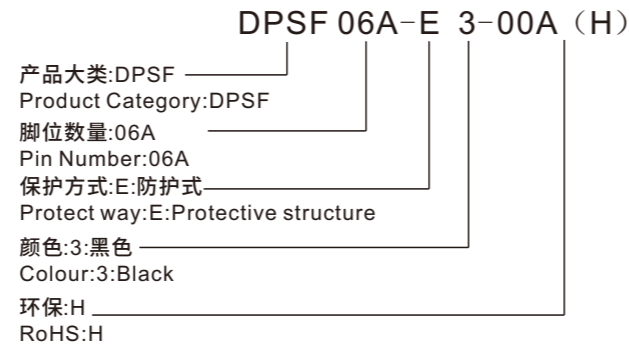
DPSF

特点

- 防护式插座、6A。
- 环保产品 RoHS。

Features

- Protective socket,6A.
- Green product RoHS.



DPSF黑色系列底座将于2023年Q3计划停产，具体参考我司通知
DPSF series black socket will be stopped in 2023 Q3, we will publish official PDN

性能参数 Performance Parameters

技术参数 Technical parameters

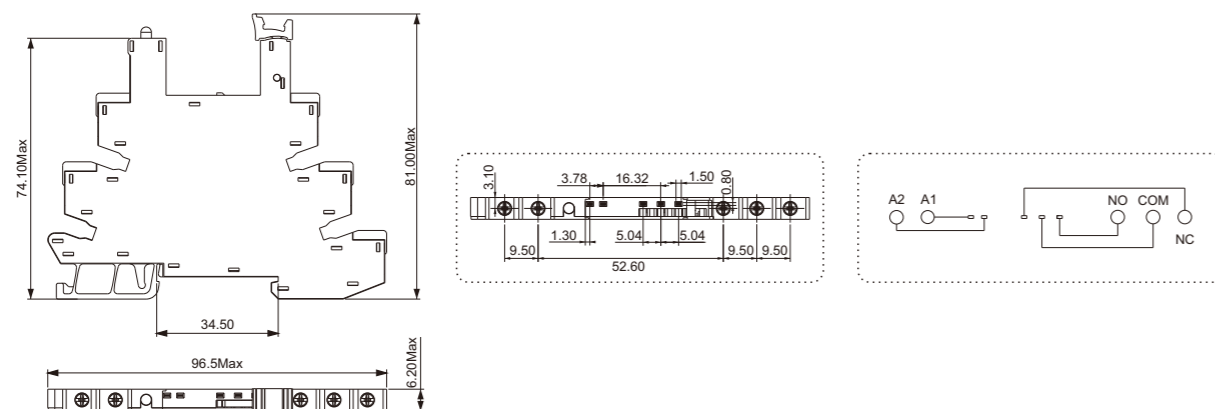
产品型号 Product type	DPSF06A-E3
额定电流 Rated current	6A
额定电压 Rated voltage	250V
线圈/触点介质耐压 Coil/Contact dielectric voltage	4000V/S
触点间介质耐压 Dielectric voltage between contact	2500V/S
螺钉扭矩 Screw torque	0.5Nm
外接导线 External connection wire	20-16AWG/0.5-1.5mm ²
环境温度 Ambient temperature	-40~+70°C
重量 Weight	22g

配套继电器及附件 Supporting relays and accessories

产品型号 Product type	继电器 Relay	短接片 Short splice
DPSF06A-E3	DRPS	DBA20-6-12-00A(H) 颜色: 蓝色 DBA20-6-12-00A(H) Color: blue
		DBA20-6-13-00A(H) 颜色: 黑色 DBA20-6-13-00A(H) Color: black
		DBA20-6-16-00A(H) 颜色: 红色 DBA20-6-16-00A(H) Color: red

外形尺寸图、接线图 Overall Dimensions, Wiring Diagrams

DPSF06A-E3



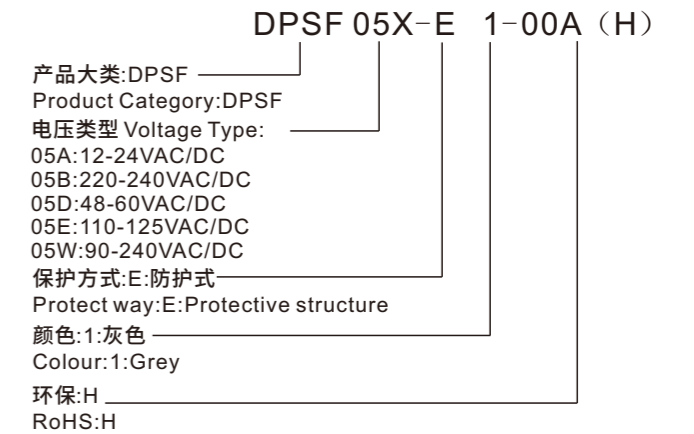
DPSF

特点

- 防护式插座、6A。
- 环保产品 RoHS。

Features

- Protective socket,6A.
- Green product RoHS.



性能参数 Performance Parameters

技术参数 Technical parameters

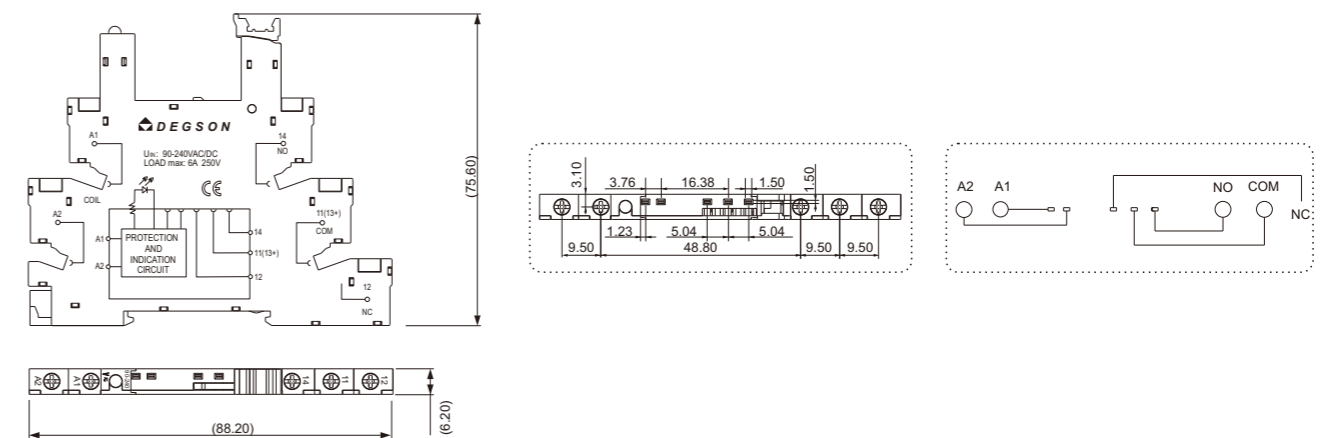
产品型号 Product type	DPSF05X-E1
额定电流 Rated current	6A
额定电压 Rated voltage	250V
线圈/触点介质耐压 Coil/Contact dielectric voltage	4000V/S
触点间介质耐压 Dielectric voltage between contact	2500V/S
螺钉扭矩 Screw torque	0.5Nm
外接导线 External connection wire	20-16AWG/0.5-1.5mm ²
环境温度 Ambient temperature	-40~+70°C
重量 Weight	26g

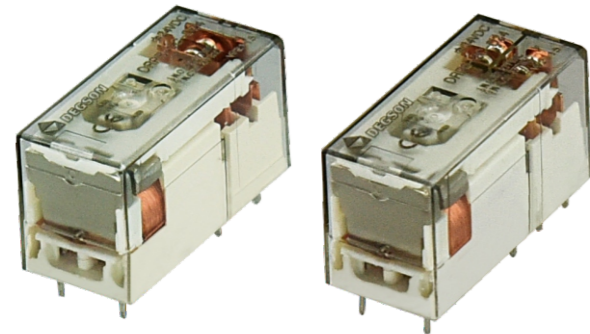
配套继电器及附件 Supporting relays and accessories

产品型号 Product type	继电器 Relay	短接片 Short splice
DPSF05X-E1	DRPS-1C-D12/D24	DBA20-6-12-00A(H) 颜色: 蓝色 DBA20-6-12-00A(H) Color: blue
		DBA20-6-13-00A(H) 颜色: 黑色 DBA20-6-13-00A(H) Color: black
		DBA20-6-16-00A(H) 颜色: 红色 DBA20-6-16-00A(H) Color: red

外形尺寸图、接线图 Overall Dimensions, Wiring Diagrams

DPSF05X-E1





DRPB-1C

DRPB-1CH/DRPB-2C

特点

- 体积小、1C:12A,1CH:16A, 2C:8A切换功率。
- 配有多种插座可供选择。
- 环保产品 RoHS。

Features

- Small size, 1C:12A, 1CH:16A, 2C:8A switching power.
- Multiple sockets optional.
- Green product RoHS.

性能参数 Performance Parameters

触点参数 Contact parameters

触点形式 Contact form	1C,1CH,2C
触点材料 Contact material	Ag alloy
阻性负载 Resistive load	1C:16A 1CH:16A@277VAC/30VDC 2C:8A@277VAC/30VDC
马达负载 Motor load	1CH:1/3HP@240VAC 2C:1/6HP@240VAC
切换功率 Switch power	1CH:4000VA,480W 2C:2000VA,240W
接触电阻(初始) Contact resistance(Initial)	<50mΩ
电气寿命(1s通/1s断) Electrical life(1s on/1s off)	>1x10 ⁵ (1800 Ops/h)
机械寿命(300次/分钟) Mechanical life(300cycles/min)	>1x10 ⁷ (18000 Ops/h)

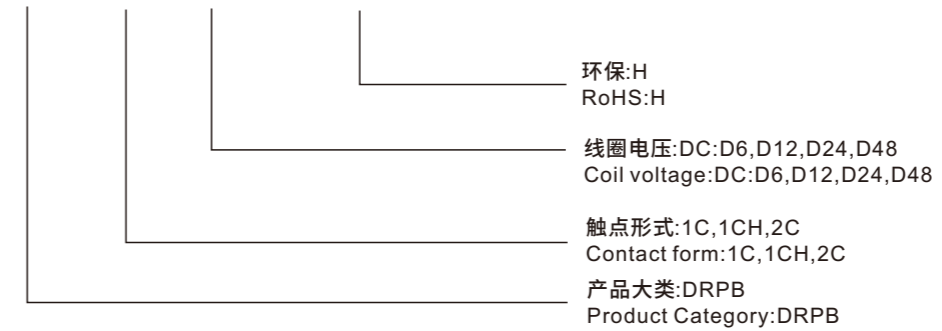
线圈参数 Coil parameters

额定电压 Rated voltage (DC)	DC6V	DC12V	DC24V	DC48V
额定电阻 Rated resistance(±10%)	90Ω	360Ω	1440Ω	5760Ω
吸合电压 Operate voltage	DC:≤75%(Rated voltage)			
释放电压 Release voltage	DC:≥5%(Rated voltage)			
最大工作电压 Max input voltage	110%(Rated voltage)			
线圈功耗 Coil power	0.40W			
吸合时间 Operate time	<20ms			
释放时间 Release time	<10ms			

通用参数 Universal parameters

绝缘电阻 Insulation resistance	1000MΩ(500VDC)
介质耐压 Dielectric voltage	
同极触点间 Between contacts	1000VAC/1min
异极触点间 Between contacts(different pole)	3000VAC/1min
线圈触点间 Between contacts and coil	5000VAC/1min
耐冲击 Shock withstanding	10G(Half sine wave pulse 11ms)
耐振动 Vibration withstanding	10-55Hz(Double amplitude 1.0mm)
环境温度 Ambient temperature	-25...+70°C
环境湿度 Ambient humidity	35%~80%RH
重量 Weight	17g
配套插座 Matching socket	1C:DSRC05A series ; 1CH/2C:DSRC08A series

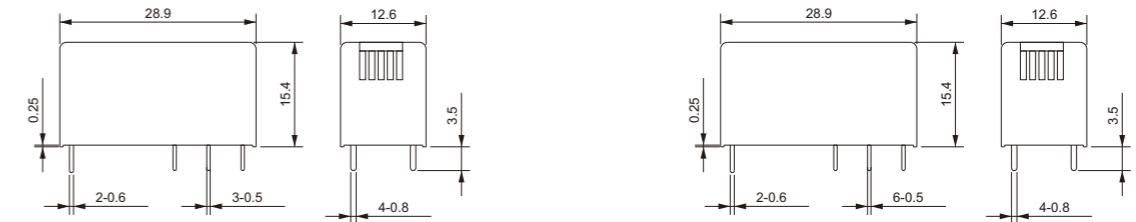
DRPB - 2C - D24 - 06A (H)



外形尺寸图 Overall Dimensions

DRPB-1C

DRPB-1CH/2C

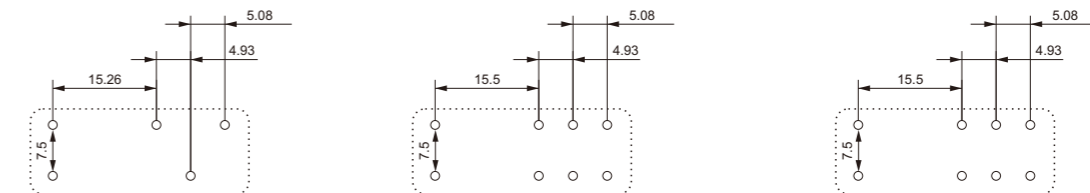


脚位图、接线图 Installation Diagrams, Wiring Diagrams

DRPB-1C

DRPB-1CH

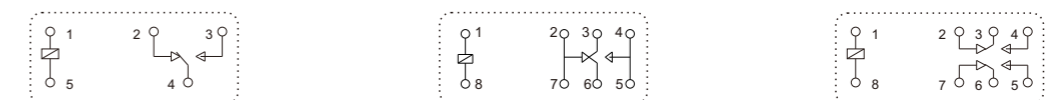
DRPB-2C



DRPB-1C

DRPB-1CH

DRPB-2C





DSRC05A-F3

DSRC08A-F3

特点

- 隔离式插座、05A:10A, 08A:7A。
- 环保产品 RoHS。

Features

- Separable socket, 05A:10A, 08A:7A.
- Green product RoHS.

DSRC 08A-F 3-00A (H)

产品大类:DSRC
Product Category:DSRC
脚位数量:05A,08A
Pin Number:05A,08A
保护方式:F:隔离式
Protect way:F:Separable structure
颜色:3:黑色
Colour:3:Black
环保:H
RoHS:H

性能参数 Performance Parameters

技术参数 Technical parameters

产品型号 Product type	DSRC05A-F3	DSRC08A-F3
额定电流 Rated current	12A	10A
额定电压 Rated voltage	300V	
线圈/触点介质耐压 Coil/Contact dielectric voltage	2500V/S	
触点间介质耐压 Dielectric voltage between contact	2500V/S	
螺钉扭矩 Screw torque	1.0Nm	
外连接导线 External connection wire	20-14AWG/0.5-2.5mm ²	
环境温度 Ambient temperature	-40~+65°C	
重量 Weight	22g	27g

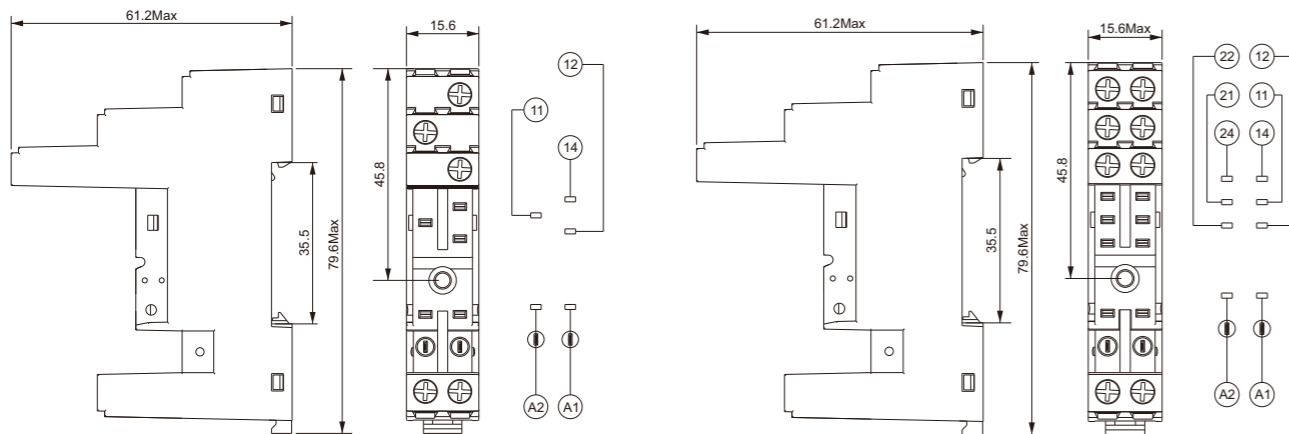
配套继电器及附件 Supporting relays and accessories

产品型号 Product type	继电器 Relay	模块 Module	塑料扳扣 Plastic pull clasp	金属卡簧 Metal clamp spring
DSRC05A-F3	DRPB-1C	DMD	标配 Wear	—
DSRC08A-F3	DRPB-1CH / DRPB-2C	DMD	标配 Wear	—

外形尺寸图、接线图 Overall Dimensions, Wiring Diagrams

DSRC05A-F3

DSRC08A-F3



特点

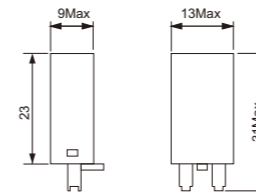
- 峰值电压抑制, 过压保护, 电压指示。
- 环保产品 RoHS。

Features

- Peak voltage inhibit, over voltage protection, voltage indicator.
- Green product RoHS.



DMD



DMD-ML 1-D24-00A (H)

产品大类:DMD,DND
Product Category:DMD,DND
功能选项:
L:灯;ML:压敏电阻+灯
LD:灯+二极管;M:压敏电阻
RC:阻容;D:二极管
Function option:
L:LED;ML:Varistor+LED
LD:LED+diode;M:Varistor
RC:Resistance capacity;D:diode
电流方向:无:A1-;1:A1+
Direction of current:Blank:A1-;1:A1+
电压:见下表对应
Voltage:See table corresponding
环保:H
RoHS:H

功能 Function	L	D	LD	ML	M	RC	L1	D1	LD1	ML1
接线图 Wiring diagrams										
电压选项 Voltage option	6-24V	6-250VDC	6-24VDC	24V	24V	6-24VDC	6-24V	6-250VDC	6-24VDC	24V
	110-240V		110/240VDC	120V	120V	110/240VDC	110-240V		110/240VDC	120V
				240V	240V					240V



DRPT-1C

DRPT-2C

特点

- 体积小、1C: 12A, 2C: 8A切换功率。
- 配有多种插座可供选择。
- 带测试按钮, 二极管和LED指示。
- 环保产品 RoHS。

Features

- Small size, 1C: 12A, 2C: 8A switching power.
- Multiple sockets optional.
- With test button, diode and LED.
- Green product RoHS.

性能参数 Performance Parameters

触点参数 Contact parameters

触点形式 Contact form	1C, 2C	
触点材料 Contact material	Ag alloy	
阻性负载 Resistive load	1C: 12A@277VAC/30VDC	2C: 8A@277VAC/30VDC
马达负载 Motor load	1C: 1/2HP@250VAC	2C: 1/3HP@250VAC
切换功率 Switch power	1C: 3324VA/360W	2C: 2216VA/240W
接触电阻 (初始) Contact resistance(Initial)	≤100mΩ	
电气寿命 (1s通/1s断) Electrical life(1s on/1s off)	>1x10 ⁵ (1800 Ops/h)	
机械寿命 (300次/分钟) Mechanical life(300cycles/min)	>1x10 ⁷ (18000 Ops/h)	

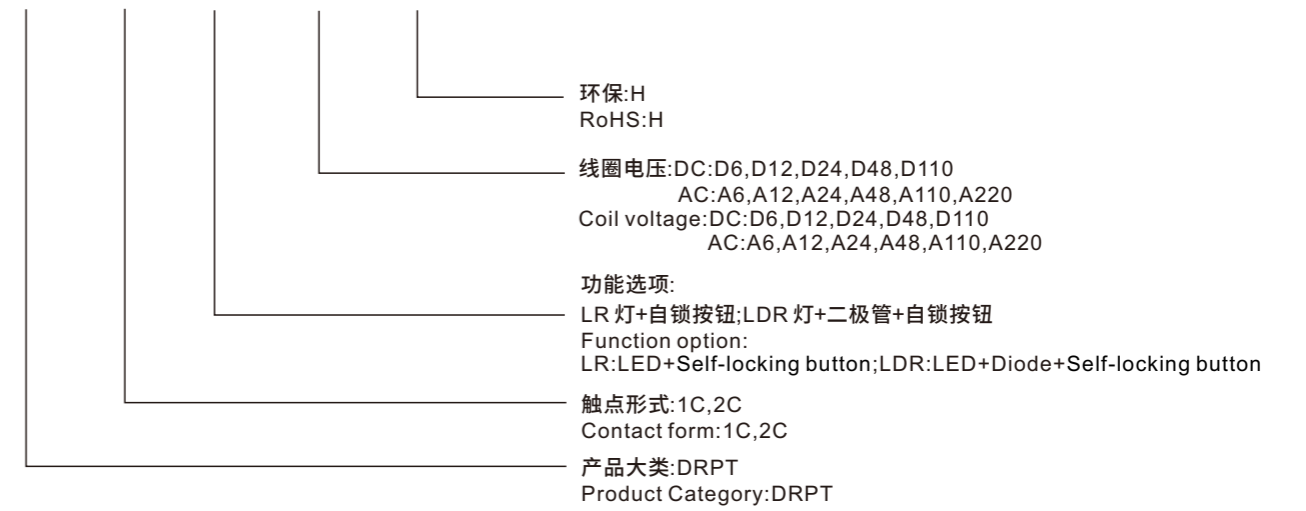
线圈参数 Coil parameters

额定电压 Rated voltage (DC)	DC6V	DC12V	DC24V	DC48V	DC110V	
额定电阻 Rated resistance(±10%)	68Ω	272Ω	1087Ω	4347Ω	22830Ω	
额定电压 Rated voltage (AC)	AC6V	AC12V	AC24V	AC48V	AC100-110V	AC220-240V
额定电阻 Rated resistance(±10%)	15.8Ω	63Ω	252Ω	1008Ω	5294Ω	23144Ω
吸合电压 Operate voltage	DC: ≤75%(Rated voltage); AC: ≤80%(Rated voltage)					
释放电压 Release voltage	DC: ≥10%(Rated voltage); AC: ≥30%(Rated voltage)					
最大工作电压 Max input voltage	110%(Rated voltage)					
线圈功耗 Coil power	0.53W/0.8-1.0VA					
吸合时间 Operate time	<20ms					
释放时间 Release time	<10ms					

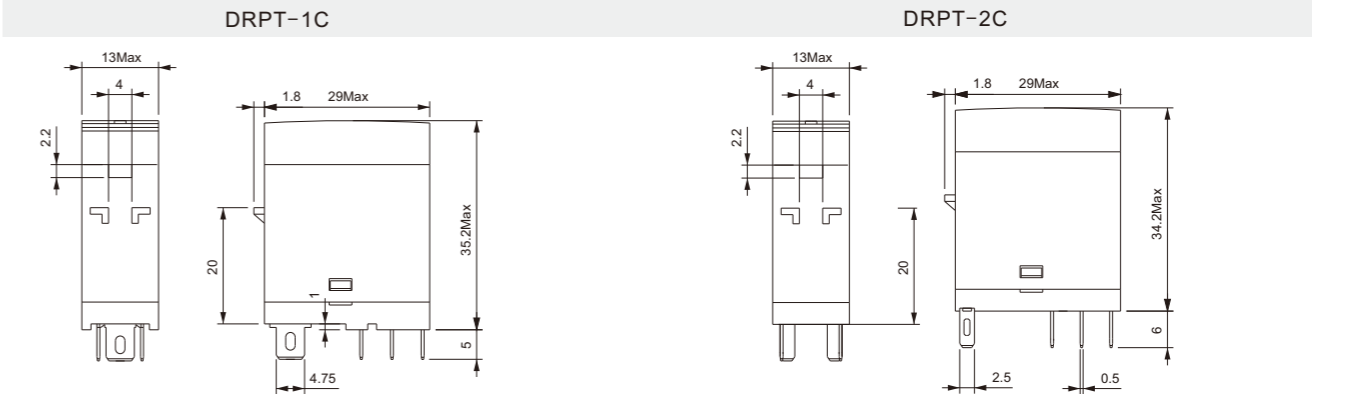
通用参数 Universal parameters

绝缘电阻 Insulation resistance	1000MΩ(500VDC/min)
介电耐压 Dielectric voltage	
同级触点间 Between contacts	1000VAC/1min
异级触点间 Between contacts(different pole)	1000VAC/1min
线圈触点间 Between contacts and coil	5000VAC/1min
耐冲击 Shock withstanding	10G(Half sine wave pulse 11ms)
耐振动 Vibration withstanding	10-55Hz(Double amplitude 1.0mm)
环境温度 Ambient temperature	-40...+85°C
环境湿度 Ambient humidity	45%~75%RH
重量 Weight	25g
配套插座 Matching socket	1C: DSRT05A series ; 2C: DSRT08A series

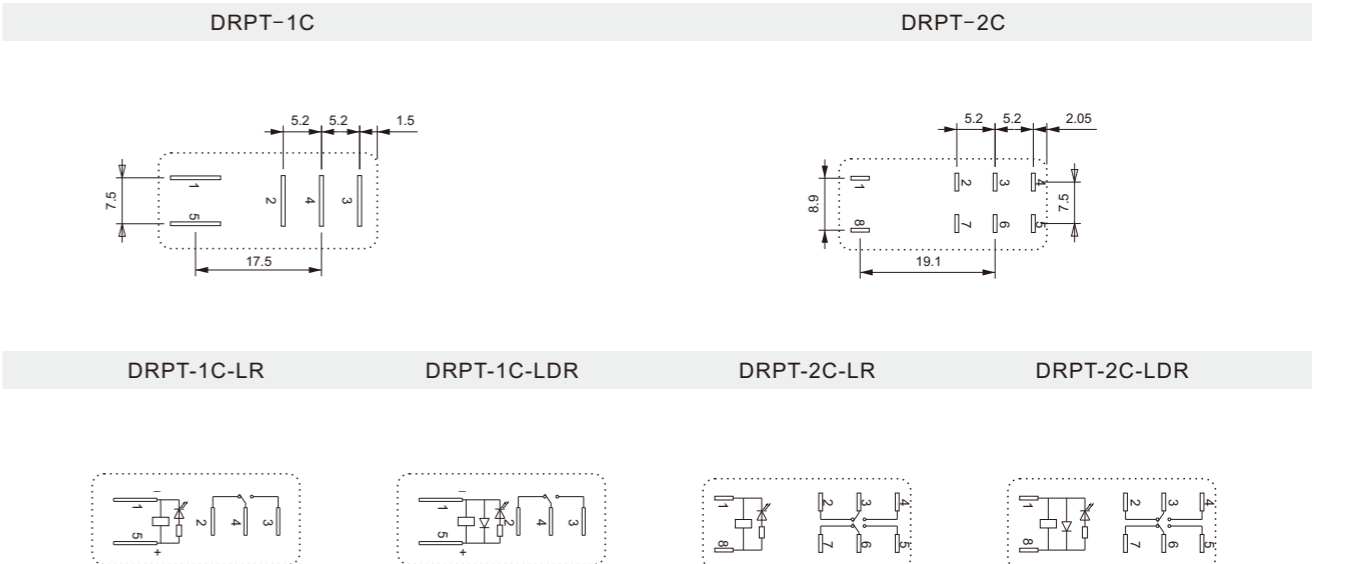
DRPT - 2C - LR - D24 - 02A (H)

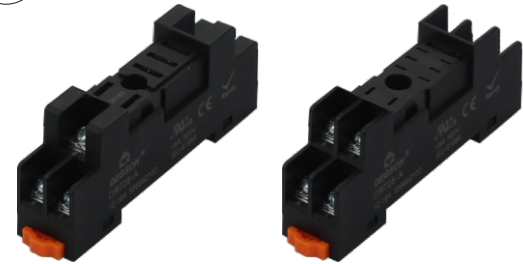


外形尺寸图 Overall Dimensions



脚位图、接线图 Installation Diagrams, Wiring Diagrams





DSRT05A-3

DSRT08A-3

特点

- 普通式插座、05A:16A, 08A:10A。
- 环保产品 RoHS。

Features

- Protective socket,05A:16A,08A:10A.
- Green product RoHS.

DSRT 08A-3-00A (H)

产品大类:DSRT
Product Category:DSRT
脚位数量:05A,08A
Pin Number:05A,08A
颜色:3:黑色
Colour:3:Black
环保:H
RoHS:H

性能参数 Performance Parameters

技术参数 Technical parameters

产品型号 Product type	DSRT05A-3	DSRT08A-3
额定电流 Rated current	16A	10A
额定电压 Rated voltage	300V	
线圈/触点介质耐压 Coil/Contact dielectric voltage	4000V/S	
触点间介质耐压 Dielectric voltage between contact	2500V/S	
螺钉扭矩 Screw torque	1.0Nm	
外连接导线 External connection wire	20-14AWG/0.5-2.5mm ²	
环境温度 Ambient temperature	-45~+85°C	
重量 Weight	22g	27g

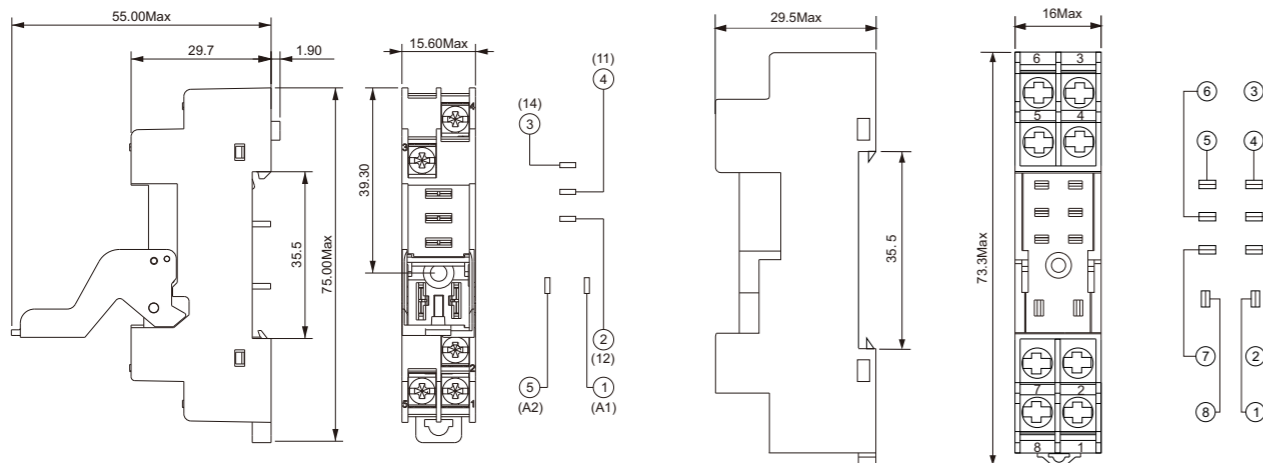
配套继电器及附件 Supporting relays and accessories

产品型号 Product type	继电器 Relay	模块 Module	塑料扳扣 Plastic pull clasp	金属卡簧 Metal clamp spring
DSRT05A-3	DRPT-1C	—	标配 Wear	—
DSRT08A-3	DRPT-2C	—	标配 Wear	—

外形尺寸图、接线图 Overall Dimensions, Wiring Diagrams

DSRT05A-3

DSRT08A-3



DSRT05A-E3

DSRT08A-E3

特点

- 防护式插座、05A:16A, 08A:10A。
- 环保产品 RoHS。

Features

- Protective socket,05A:16A,08A:10A.
- Green product RoHS.

DSRT 08A-E 3-00A (H)

产品大类:DSRT
Product Category:DSRT
脚位数量:05A,08A
Pin Number:05A,08A
保护方式:E:防护式
Protect way:E:Protective structure
颜色:3:黑色
Colour:3:Black
环保:H
RoHS:H

性能参数 Performance Parameters

技术参数 Technical parameters

产品型号 Product type	DSRT05A-E3	DSRT08A-E3
额定电流 Rated current	16A	10A
额定电压 Rated voltage	300V	
线圈/触点介质耐压 Coil/Contact dielectric voltage	2000V/S	
触点间介质耐压 Dielectric voltage between contact	2000V/S	
螺钉扭矩 Screw torque	1.0Nm	
外连接导线 External connection wire	20-14AWG/0.5-2.5mm ²	
环境温度 Ambient temperature	-40~+65°C	
重量 Weight	22g	27g

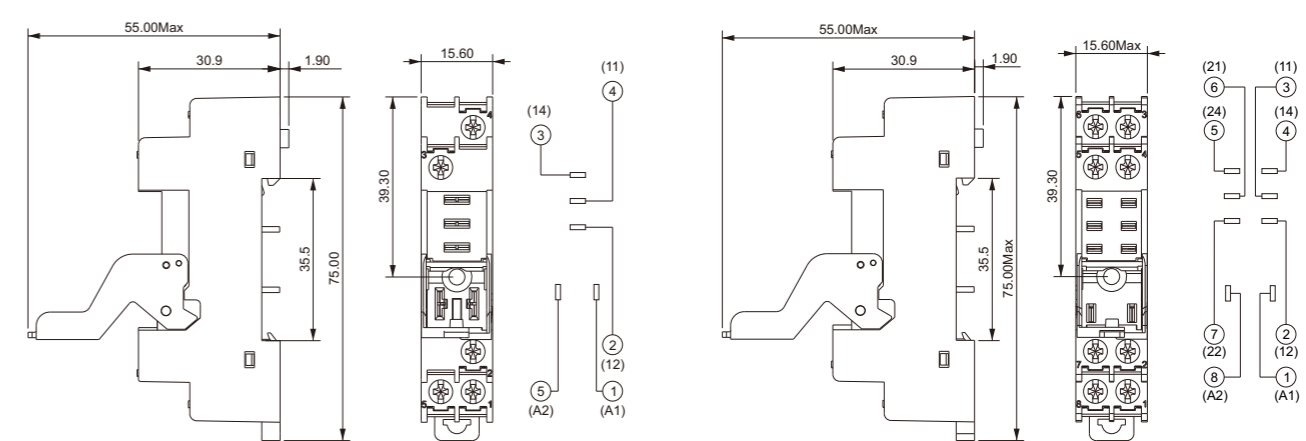
配套继电器及附件 Supporting relays and accessories

产品型号 Product type	继电器 Relay	模块 Module	塑料扳扣 Plastic pull clasp	金属卡簧 Metal clamp spring
DSRT05A-E3	DRPT-1C	—	标配 Wear	—
DSRT08A-E3	DRPT-2C	—	标配 Wear	—

外形尺寸图、接线图 Overall Dimensions, Wiring Diagrams

DSRT05A-E3

DSRT08A-E3





DSRT05A-F3

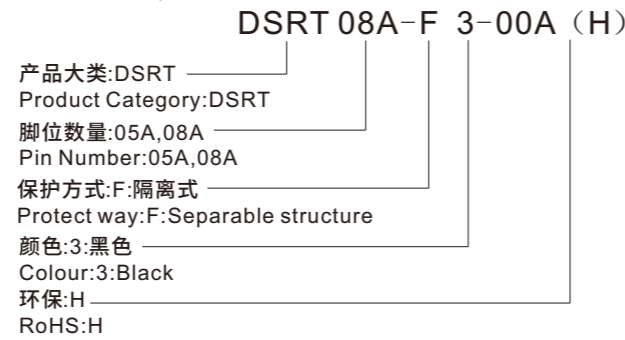
DSRT08A-F3

特点

- 隔离式插座、05A:16A, 08A:10A。
- 环保产品 RoHS。

Features

- General socket, 05A:16A, 08A:10A.
- Green product RoHS.



性能参数 Performance Parameters

技术参数 Technical parameters

产品型号 Product type	DSRT05A-F3	DSRT08A-F3
额定电流 Rated current	16A	10A
额定电压 Rated voltage	300V	
线圈/触点介质耐压 Coil/Contact dielectric voltage	4000V/S	
触点间介质耐压 Dielectric voltage between contact	2500V/S	
螺钉扭矩 Screw torque	1.0Nm	
外连接导线 External connection wire	20-14AWG/0.5-2.5mm ²	
环境温度 Ambient temperature	-45~+85°C	
重量 Weight	22g	27g

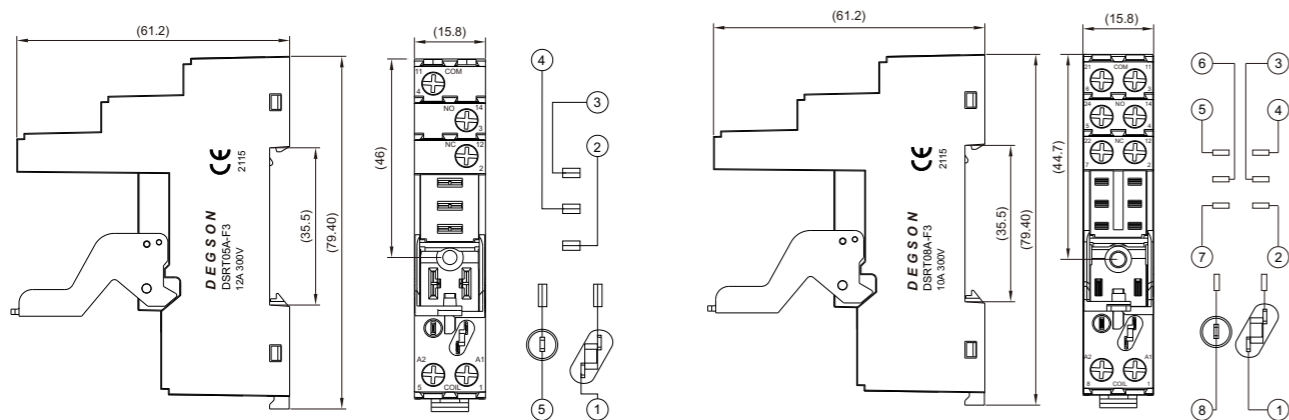
配套继电器及附件 Supporting relays and accessories

产品型号 Product type	继电器 Relay	模块 Module	塑料扳扣 Plastic pull clasp	金属卡簧 Metal clamp spring
DSRT05A-F3	DRPT-1C	DMD	标配 Wear	—
DSRT08A-F3	DRPT-2C	DMD	标配 Wear	—

外形尺寸图、接线图 Overall Dimensions, Wiring Diagrams

DSRT05A-F3

DSRT08A-F3



DPRT05A-F3

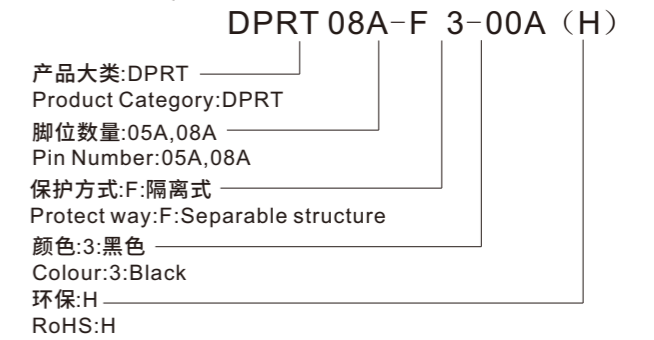
DPRT08A-F3

特点

- 直插式连接、隔离式插座、05A:16A, 08A:10A。
- 环保产品 RoHS。

Features

- Push-in connection, general socket, 05A:16A, 08A:10A.
- Green product RoHS.



性能参数 Performance Parameters

技术参数 Technical parameters

产品型号 Product type	DPRT05A-F3	DPRT08A-F3
额定电流 Rated current	16A	10A
额定电压 Rated voltage	300V	
线圈/触点介质耐压 Coil/Contact dielectric voltage	4000V/S	
触点间介质耐压 Dielectric voltage between contact	2500V/S	
外连接导线 External connection wire	20-14AWG/0.5-2.5mm ²	
环境温度 Ambient temperature	-45~+85°C	
重量 Weight	32g	42g

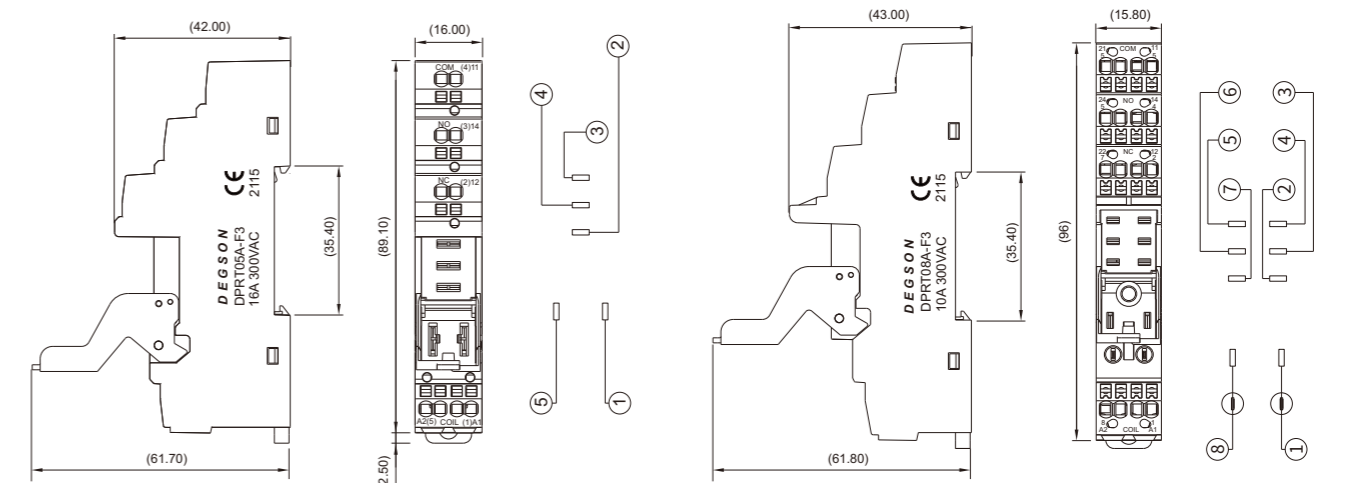
配套继电器及附件 Supporting relays and accessories

产品型号 Product type	继电器 Relay	模块 Module	塑料扳扣 Plastic pull clasp	金属卡簧 Metal clamp spring
DPRT05A-F3	DRPT-1C	DMD	标配 Wear	—
DPRT08A-F3	DRPT-2C	DMD	标配 Wear	—

外形尺寸图、接线图 Overall Dimensions, Wiring Diagrams

DPRT05A-F3

DPRT08A-F3





DRPE-2CH



DRPE-4C

特点

- 体积小、2CH: 10A, 4C: 5A切换功率。
- 配有多种插座可供选择。
- 带测试按钮和机械动作指示窗。
- 环保产品 RoHS。

Features

- Small size, 2CH: 10A, 4C: 5A switching power.
- Multiple sockets optional.
- With test button and instruction window.
- Green product RoHS.

性能参数 Performance Parameters

触点参数 Contact parameters

触点形式 Contact form	2CH, 4C	
触点材料 Contact material	Ag alloy	
阻性负载 Resistive load	2CH: 10A@240VAC/28VDC	4C: 5A@240VAC/28VDC
切换功率 Switch power	2CH: 2400VA/280W	4C: 1200VA/140W
接触电阻 (初始) Contact resistance(Initial)	<50mΩ	
电气寿命 (1s通/1s断) Electrical life(1s on/1s off)	>1x10 ⁶ (1800 Ops/h)	
机械寿命 (300次/分钟) Mechanical life(300cycles/min)	>1x10 ⁷ (18000 Ops/h)	

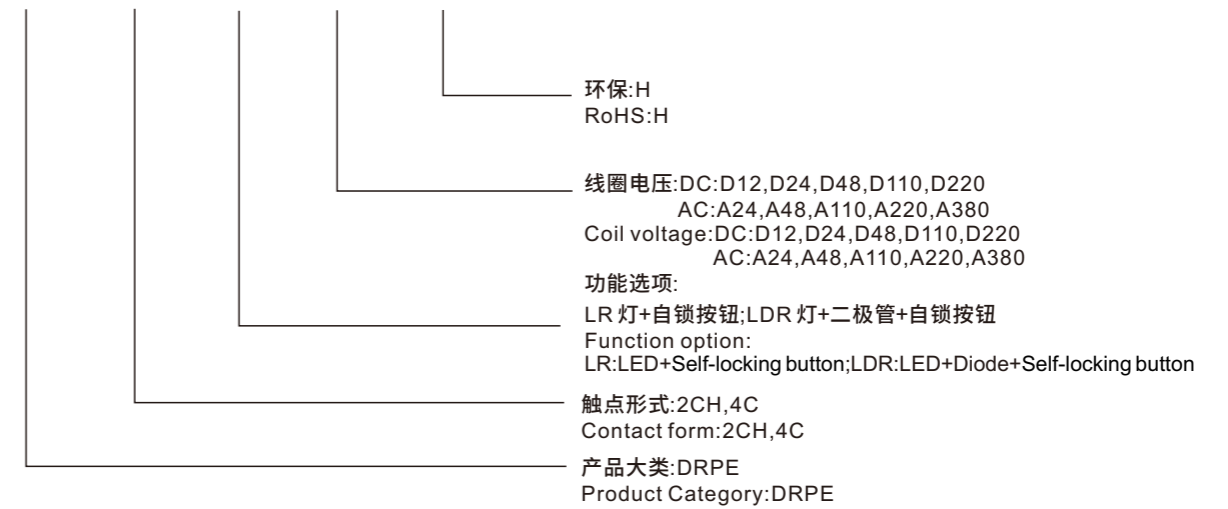
线圈参数 Coil parameters

额定电压 Rated voltage (DC)	DC12V	DC24V	DC48V	DC110V	DC220V
额定电阻 Rated resistance(±10%)	160Ω	640Ω	2560Ω	13000Ω	53777Ω
额定电压 Rated voltage (AC)	AC24V	AC48V	AC110V	AC220V	AC380V
额定电阻 Rated resistance(±10%)	168Ω	672Ω	3529Ω	14116Ω	42116Ω
吸合电压 Operate voltage	DC: ≤75%(Rated voltage); AC: ≤80%(Rated voltage)				
释放电压 Release voltage	DC: ≥10%(Rated voltage); AC: ≥30%(Rated voltage)				
最大工作电压 Max input voltage	110%(Rated voltage)				
线圈功耗 Coil power	0.9W/1.2VA				
吸合时间 Operate time	<20ms				
释放时间 Release time	<20ms				

通用参数 Universal parameters

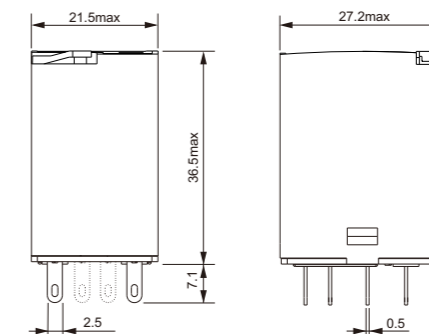
绝缘电阻 Insulation resistance	1000MΩ(500VDC)
介质耐压 Dielectric voltage	
同级触点间 Between contacts	1000VAC/1min
异级触点间 Between contacts(different pole)	1500VAC/1min
线圈触点间 Between contacts and coil	1500VAC/1min
耐冲击 Shock withstanding	10G(Half sine wave pulse 11ms)
耐振动 Vibration withstanding	10-55Hz(Double amplitude 1.0mm)
环境温度 Ambient temperature	-25...+55°C
环境湿度 Ambient humidity	45%~75%RH
重量 Weight	35g
配套插座 Matching socket	2CH:DPYF08A series DPKF08A series ; 4C:DPYF14A series DPKF14A series

DRPE - 2CH -LR - D24 -07A (H)



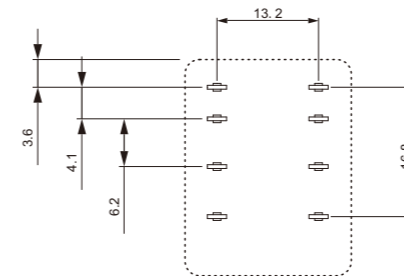
外形尺寸图 Overall Dimensions

DRPE-2CH/4C

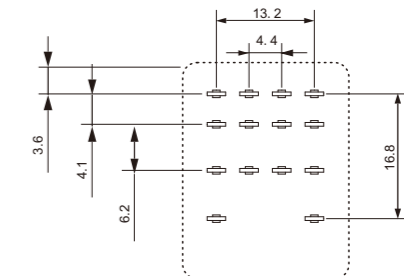


脚位图、接线图 Installation Diagrams, Wiring Diagrams

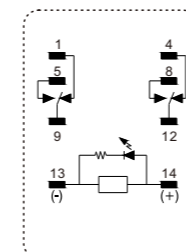
DRPE-2CH



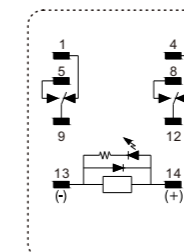
DRPE-4C



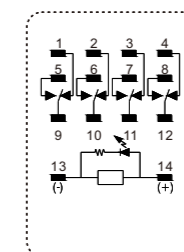
DRPE-2CH-LR



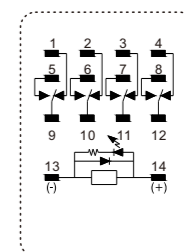
DRPE-2CH-LDR



DRPE-4C-LR



DRPF-4C-LDR





DPYF08A-3

DPYF14A-3

特点

- 普通式插座、08A:10A, 14A:7A。
- 环保产品 RoHS。

Features

- General socket,08A:10A, 14A:7A.
- Green product RoHS.

DPYF 08A-3-00A (H)

产品大类:DPYF
Product Category:DPYF
脚位数量:08A,14A
Pin Number:08A,14A
颜色:3:黑色
Colour:3:Black
环保:H
RoHS:H

性能参数 Performance Parameters

技术参数 Technical parameters

产品型号 Product type	DPYF08A-3	DPYF14A-3
额定电流 Rated current	10A	7A
额定电压 Rated voltage	300V	
线圈/触点介质耐压 Coil/Contact dielectric voltage	2000V/S	
触点间介质耐压 Dielectric voltage between contact	2000V/S	
螺钉扭矩 Screw torque	1.0Nm	
外连接导线 External connection wire	20-14AWG/0.5-2.5mm ²	
环境温度 Ambient temperature	-40~+65°C	
重量 Weight	34g	56g

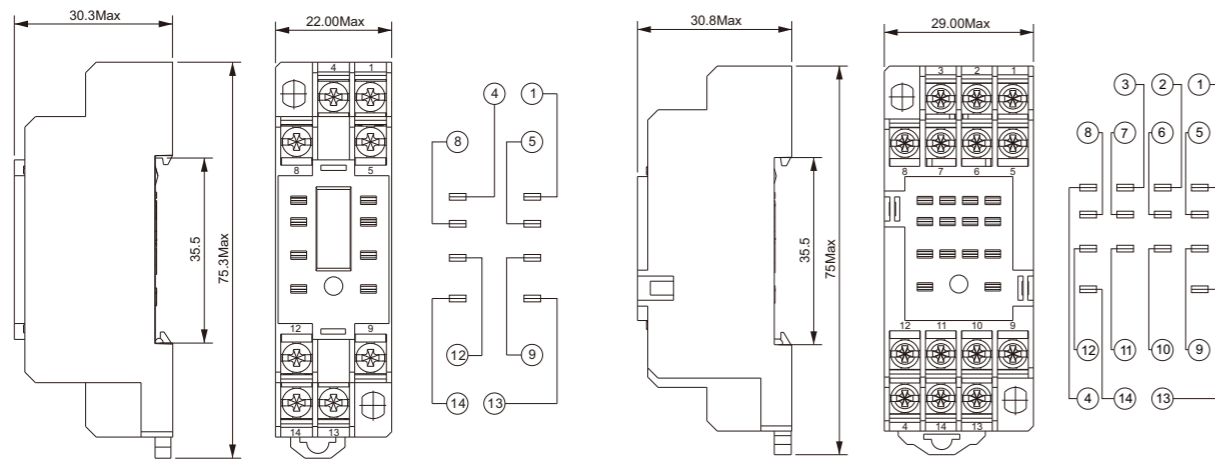
配套继电器及附件 Supporting relays and accessories

产品型号 Product type	继电器 Relay	模块 Module	塑料扳扣 Plastic pull clasp	金属卡簧 Metal clamp spring
DPYF08A-3	DRPE-2CH	—	—	标配-Wear
DPYF14A-3	DRPE-4C	—	—	标配-Wear

外形尺寸图、接线图 Overall Dimensions, Wiring Diagrams

DPYF08A-3

DPYF14A-3



DPYF08A-E3

DPYF14A-E3

特点

- 防护式插座、08A:10A, 14A:7A。
- 环保产品 RoHS。

Features

- Protective socket,08A:10A,14A:7A.
- Green product RoHS.

DPYF 08A-E 3-00A (H)

产品大类:DPYF
Product Category:DPYF
脚位数量:08A,14A
Pin Number:08A,14A
保护方式:E:防护式
Protect way:E:Protective structure
颜色:3:黑色
Colour:3:Black
环保:H
RoHS:H

性能参数 Performance Parameters

技术参数 Technical parameters

产品型号 Product type	DPYF08A-E3	DPYF14A-E3
额定电流 Rated current	10A	7A
额定电压 Rated voltage	300V	
线圈/触点介质耐压 Coil/Contact dielectric voltage	2000V/S	
触点间介质耐压 Dielectric voltage between contact	2000V/S	
螺钉扭矩 Screw torque	1.0Nm	
外连接导线 External connection wire	20-14AWG/0.5-2.5mm ²	
环境温度 Ambient temperature	-40~+65°C	
重量 Weight	34g	56g

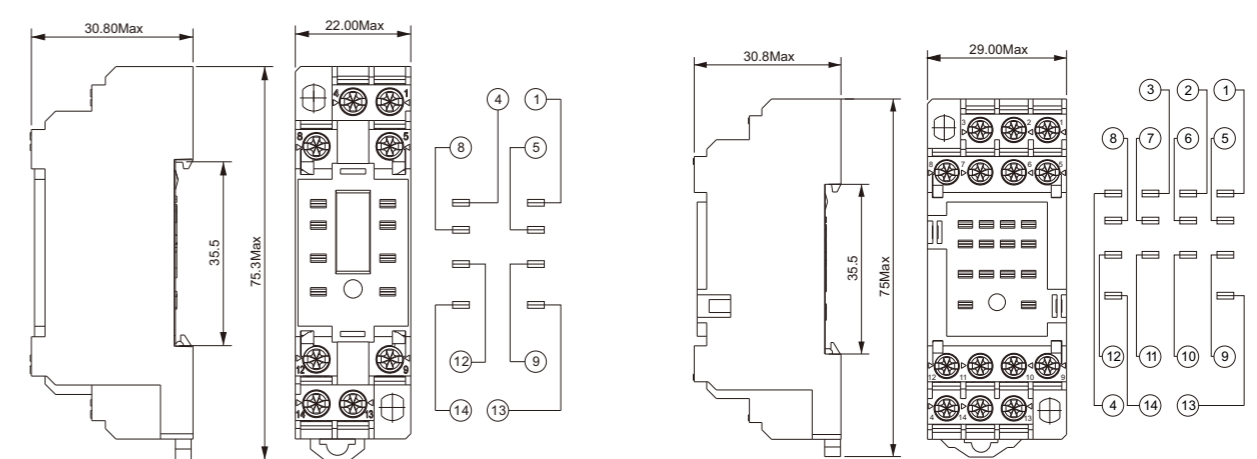
配套继电器及附件 Supporting relays and accessories

产品型号 Product type	继电器 Relay	模块 Module	塑料扳扣 Plastic pull clasp	金属卡簧 Metal clamp spring
DPYF08A-E3	DRPE-2CH	—	—	标配-Wear
DPYF14A-E3	DRPE-4C	—	—	标配-Wear

外形尺寸图、接线图 Overall Dimensions, Wiring Diagrams

DPYF08A-E3

DPYF14A-E3





DPKF08A-E3

DPKF14A-E3

特点

- 防护式插座、08A:12A, 14A:10A。
- 环保产品 RoHS。

Features

- Protective socket,08A:12A,14A:10A.
- Green product RoHS.

DPKF 08A-E 3-00A (H)

产品大类:DPKF
Product Category:DPKF
脚位数量:08A,14A
Pin Number:08A,14A
保护方式:E:防护式
Protect way:E:Protective structure
颜色:3:黑色
Colour:3:Black
环保:H
RoHS:H

性能参数 Performance Parameters

技术参数 Technical parameters

产品型号 Product type	DPKF08A-E3	DPKF14A-E3
额定电流 Rated current	12A	10A
额定电压 Rated voltage	300V	
线圈/触点介质耐压 Coil/Contact dielectric voltage	2500V/S	
触点间介质耐压 Dielectric voltage between contact	2500V/S	
螺钉扭矩 Screw torque	1.0Nm	
外连接导线 External connection wire	20-14AWG/0.5-2.5mm ²	
环境温度 Ambient temperature	-40~+85°C	
重量 Weight	35g	45g

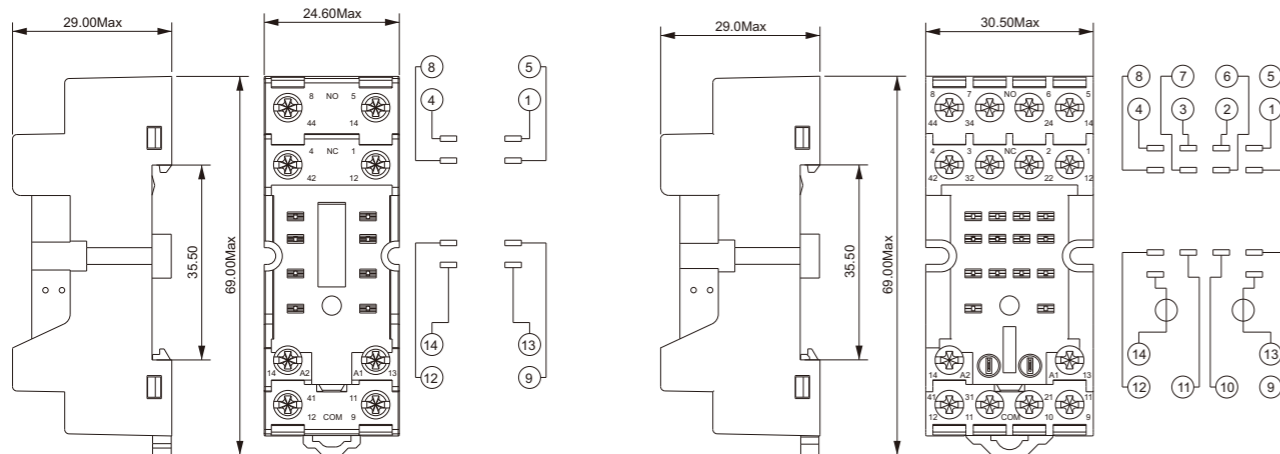
配套继电器及配件 Supporting relays and accessories

产品型号 Product type	继电器 Relay	模块 Module	塑料扳扣 Plastic pull clasp	金属卡簧 Metal clamp spring
DPKF08A-E3	DRPE-2CH	—	—	T-35A
DPKF14A-E3	DRPE-4C	DMD	—	T-35A

外形尺寸图、接线图 Overall Dimensions, Wiring Diagrams

DPKF08A-E3

DPKF14A-E3



DPKF08A-F3

DPKF14A-F3

特点

- 隔离式插座、08A:12A, 14A:10A。
- 环保产品 RoHS。

Features

- Separable structure socket,08A:12A,14A:10A.
- Green product RoHS.

DPKF 08A-F 3-00A (H)

产品大类:DPKF
Product Category:DPKF
脚位数量:08A,14A
Pin Number:08A,14A
保护方式:F:隔离式
Protect way:F:Separable structure
颜色:3:黑色
Colour:3:Black
环保:H
RoHS:H

性能参数 Performance Parameters

技术参数 Technical parameters

产品型号 Product type	DPKF08A-F3	DPKF14A-F3
额定电流 Rated current	12A	10A
额定电压 Rated voltage	300V	
线圈/触点介质耐压 Coil/Contact dielectric voltage	4000V/S	
触点间介质耐压 Dielectric voltage between contact	2500V/S	
螺钉扭矩 Screw torque	1.0Nm	
外连接导线 External connection wire	20-14AWG/0.5-2.5mm ²	
环境温度 Ambient temperature	-40~+85°C	
重量 Weight	50g	62g

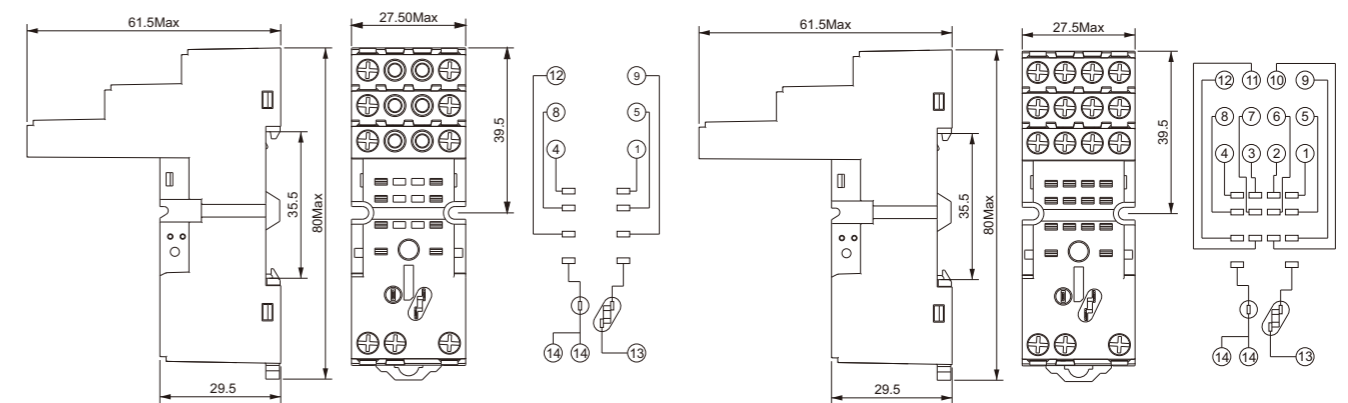
配套继电器及配件 Supporting relays and accessories

产品型号 Product type	继电器 Relay	模块 Module	塑料扳扣 Plastic pull clasp	金属卡簧 Metal clamp spring
DPKF08A-F3	DRPE-2CH	DMD	标配 Wear	—
DPKF14A-F3	DRPE-4C	DMD	标配 Wear	—

外形尺寸图、接线图 Overall Dimensions, Wiring Diagrams

DPKF08A-F3

DPKF14A-F3





DRPL-2C

DRPL-4C

特点

- 大功率、10A切换功率。
- 配有多种插座可供选择。
- 多种规格，可配指示灯。
- 环保产品 RoHS。

Features

- High power, 10A switching power.
- Multiple sockets optional.
- Various specification, LED is optional.
- Green product RoHS.

性能参数 Performance Parameters

触点参数 Contact parameters

触点形式 Contact form	2C,4C
触点材料 Contact material	AgNi,AgSnO
阻性负载 Resistive load	10A@250VAC/28VDC
马达负载 Motor load	2C:1/3HP@240VAC 4C:1/6HP@240VAC
切换功率 Switch power	2500VA,300W
接触电阻(初始) Contact resistance(Initial)	<50mΩ
电气寿命(1s通/1s断) Electrical life(1s on/1s off)	>1x10 ⁵ (1800 Ops/h)
机械寿命(300次/分钟) Mechanical life(300cycles/min)	>1x10 ⁷ (18000 Ops/h)

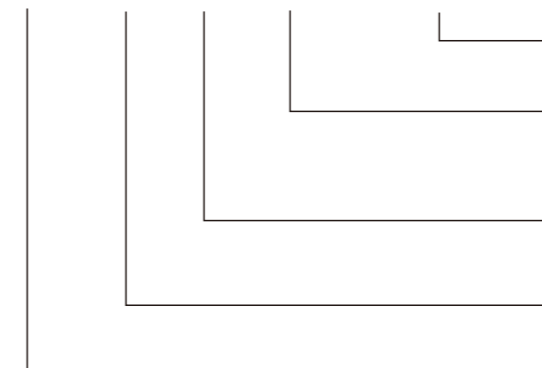
线圈参数 Coil parameters

额定电压 Rated voltage (DC)	DC12V	DC24V	DC48V	DC110V	DC220V
额定电阻 Rated resistance(±10%)	2C 180Ω	640Ω	2600Ω	13000Ω	42000Ω
	4C 96Ω	360Ω	1540Ω	6800Ω	29000Ω
额定电压 Rated voltage (AC)	AC24V	AC48V	AC110V	AC230V	AC380V
额定电阻 Rated resistance(±10%)	2C 180Ω	640Ω	4430Ω	16500Ω	42000Ω
	4C 80Ω	320Ω	1680Ω	8000Ω	20000Ω
吸合电压 Operate voltage	DC:≤75%(Rated voltage);AC:≤80% (Rated voltage)				
释放电压 Release voltage	DC:≥10%(Rated voltage);AC:≥30% (Rated voltage)				
最大工作电压 Max input voltage	110%(Rated voltage)				
线圈功耗 Coil power	2C:0.9W/1.2VA ; 4C:1.5W/2.5VA				
吸合时间 Operate time	<20ms				
释放时间 Release time	<20ms				

通用参数 Universal parameters

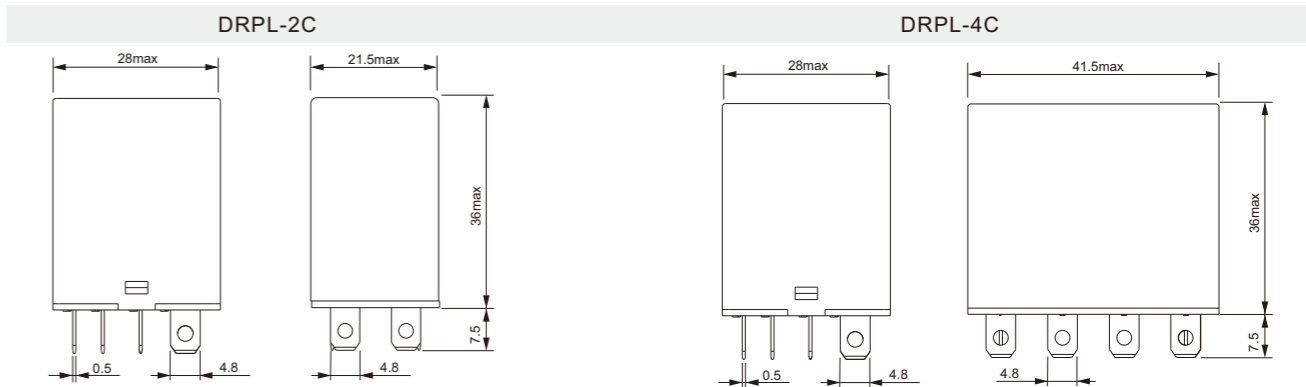
绝缘电阻 Insulation resistance	500MΩ(500VDC)
介电耐压 Dielectric voltage	
同极触点间 Between contacts	1000VAC/1min
异极触点间 Between contacts(different pole)	2000VAC/1min
线圈触点间 Between contacts and coil	2000VAC/1min
耐冲击 Shock withstanding	10G(Half sine wave pulse 11ms)
耐振动 Vibration withstanding	10-55Hz(Double amplitude 1.0mm)
环境温度 Ambient temperature	-40...+70°C
环境湿度 Ambient humidity	35%~85%RH
重量 Weight	35g
配套插座 Matching socket	2C:DPTF08A series ; 4C:DPTF14A series

DRPL-4C-L-D24-02A(H)

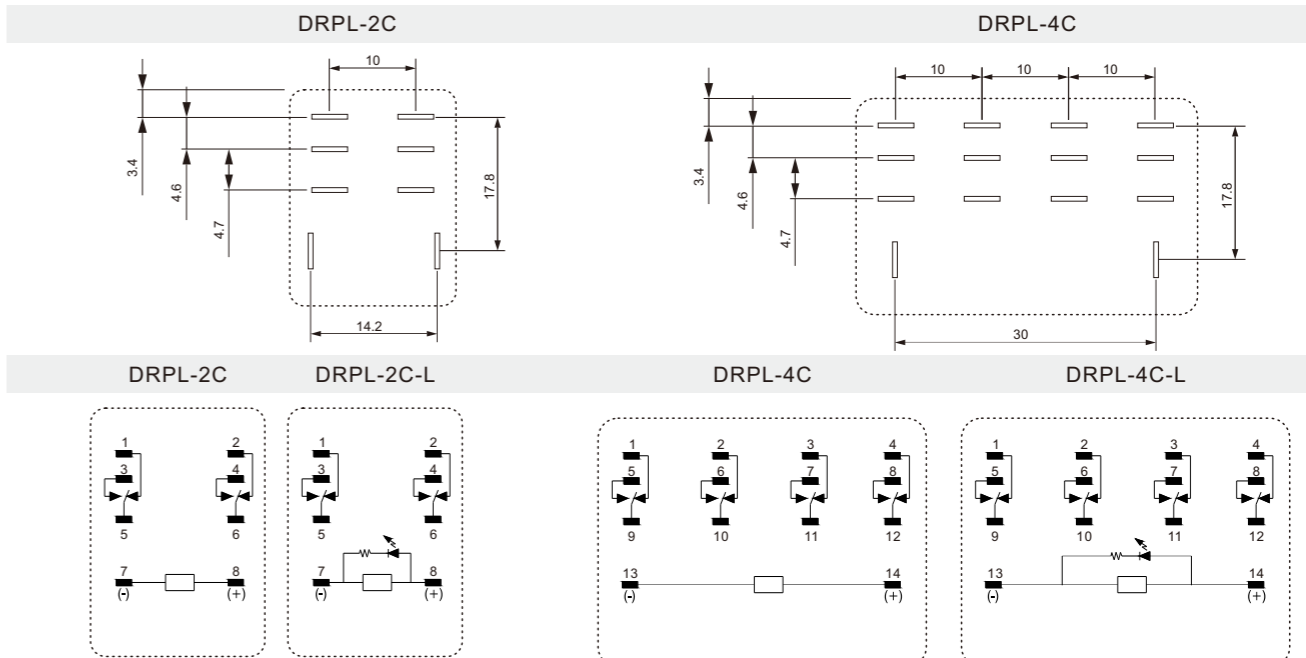


- 环保:H
- RoHS:H
- 线圈电压:DC:D12,D24,D48,D110,D220
AC:A24,A48,A110,A230,A380
- Coil voltage:DC:D12,D24,D48,D110,D220
AC:A24,A48,A110,A230,A380
- 功能选项:无:常规;L:灯;LD:灯+二极管
Function option:Blank:Routine;
L:LED;LD:LED+Diode
- 触点形式:2C,4C
Contact form:2C,4C
- 产品大类:DRPL
Product Category:DRPL

外形尺寸图 Overall Dimensions



脚位图、接线图 Installation Diagrams, Wiring Diagrams





DPTF08A-3

DPTF14A-3

特点

- 普通式插座、10A。
- 环保产品 RoHS。

Features

- General socket, 10A.
- Green product RoHS.

DPTF 08A-3-00A (H)

产品大类:DPTF
Product Category:DPTF
脚位数量:08A,14A
Pin Number:08A,14A
颜色:3:黑色
Colour:3:Black
环保:H
RoHS:H

性能参数 Performance Parameters

技术参数 Technical parameters

产品型号 Product type	DPTF08A-3	DPTF14A-3
额定电流 Rated current	10A	10A
额定电压 Rated voltage	300V	
线圈/触点介质耐压 Coil/Contact dielectric voltage	2000V/S	
触点间介质耐压 Dielectric voltage between contact	2000V/S	
螺钉扭矩 Screw torque	1.2Nm	
外接导线 External connection wire	20-14AWG/0.5-2.5mm ²	
环境温度 Ambient temperature	-40~+65°C	
重量 Weight	45g	76g

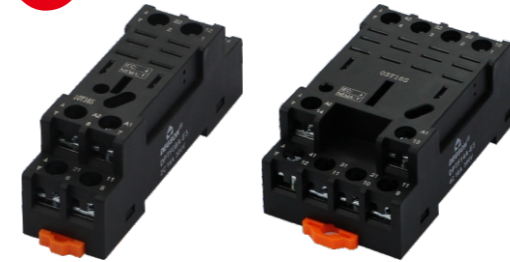
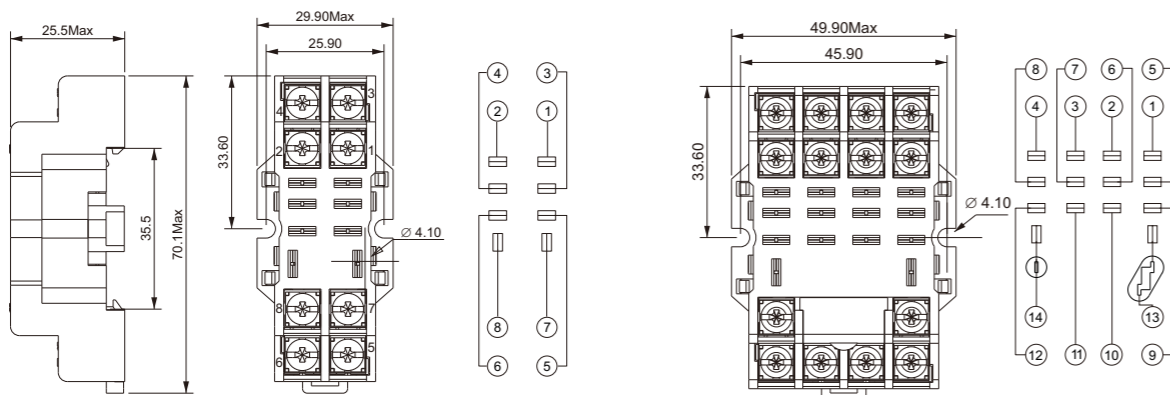
配套继电器及附件 Supporting relays and accessories

产品型号 Product type	继电器 Relay	模块 Module	塑料扳扣 Plastic pull clasp	金属卡簧 Metal clamp spring
DPTF08A-3	DRPL-2C	—	—	标配-Wear
DPTF14A-3	DRPL-4C	—	—	标配-Wear

外形尺寸图、接线图 Overall Dimensions, Wiring Diagrams

DPTF08A-3

DPTF14A-3



DPTF08A-E3

DPTF14A-E3

特点

- 防护式插座、16A。
- 环保产品 RoHS。

Features

- Protective socket, 16A.
- Green product RoHS.

DPTF 08A-E 3-00A (H)

产品大类:DPTF
Product Category:DPTF
脚位数量:08A,14A
Pin Number:08A,14A
保护方式:E:防护式
Protect way:E:Protective structure
颜色:3:黑色
Colour:3:Black
环保:H
RoHS:H

性能参数 Performance Parameters

技术参数 Technical parameters

产品型号 Product type	DPTF08A-E3	DPTF14A-E3
额定电流 Rated current	16A	
额定电压 Rated voltage	300V	
线圈/触点介质耐压 Coil/Contact dielectric voltage	4000V/S	
触点间介质耐压 Dielectric voltage between contact	2500V/S	
螺钉扭矩 Screw torque	1.2Nm	
外接导线 External connection wire	20-14AWG/0.5-2.5mm ²	
环境温度 Ambient temperature	-40~+85°C	
重量 Weight	46g	78g

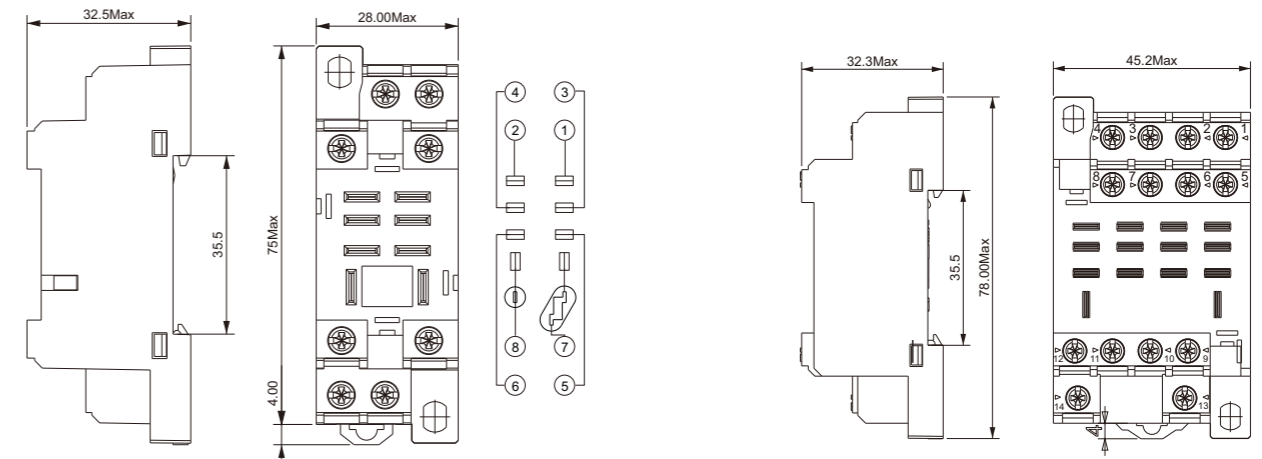
配套继电器及附件 Supporting relays and accessories

产品型号 Product type	继电器 Relay	模块 Module	塑料扳扣 Plastic pull clasp	金属卡簧 Metal clamp spring
DPTF08A-E3	DRPL-2C	DMD	—	标配-Wear
DPTF14A-E3	DRPL-4C	DND	—	标配-Wear

外形尺寸图、接线图 Overall Dimensions, Wiring Diagrams

DPTF08A-E3

DPTF14A-E3




特点

- 尺寸紧凑，便于现场狭小空间安装。
- PNP, NPN输出方式可选择。
- LED指示，工作状态可视化。
- 高达IP67的防护等级。
- 线缆材质及长度可选择。

Features

- Small size, easy to install.
- You can select PNP, NPN according to the function mode of the controller.
- There is LED indicator light, you can see the working status of the product.
- IP67 level of protection.
- You can choose the material and length of the cable.

产品 Product

品名 Product	JB-M8-04-P-00	JB-M8-04-N-00	品名 Product	JB-M8-04-P-00	JB-M8-04-N-00
功能描述 Functional description	分体式塑料外壳,4通道,单信号,PNP Split Plastic box, 4 channels, single signal, PNP	分体式塑料外壳,4通道,单信号,NPN Split Plastic box, 4 channels, single signal, NPN	功能描述 Functional description	分体式塑料外壳,4通道,单信号,PNP Split Plastic box, 4 channels, single signal, PNP	分体式塑料外壳,4通道,单信号,NPN Split Plastic box, 4 channels, single signal, NPN
性能参数 Performance Parameter			I/O参数 I/O Parameters		
信号类型 Signal type	PNP	NPN	额定电压 Rated Voltage	24VDC	
I/O通道数 Number of i/o channels	4		额定电流 Rated Current	1.5A	
信号输出点 Number of signal output points	1		接口类型 Interface type	M8 Female Acode 3P IEC 61076-2-104	
外壳材质 Shell material	PBT		扭矩 Torque	0.2Nm(1.77Lb-In)	
接触材质 Contact Material	Copper alloy		接口材料 Interface material	Copper alloy	
接触表面 Contact surface material	Au		螺纹接口表面材料 Thread material	Ni	
接触件载体 Contact Material	PA		机械结构 Mechanical Structure		
阻抗 Contact Resistance	<10mΩ		防护等级 Protection grade	IP67	
电源参数 Power Supply Parameters			外形尺寸(L X W X H) size(L X W X H)	86.6mm X 30.6mm X 27mm	
供电电压 Supply Voltage	10...30VDC		工作环境 Work Environment		
供电电流 Supply Current MAX	Max 4A		工作温度 Working temperature	-25...80°C	
接口类型 Interface type	M12 Male Acode 8P IEC 61076-2-101		存储温度 Storage temperature	-25...80°C	
扭矩 Torque	0.4Nm(3.54Lb-In)		LED状态指示 LED Status Indicator		
接口材料 Interface material	Copper alloy		电源指示灯 Power Lamp	Green LED	
螺纹接口表面材料 Thread material	Ni		I/O指示灯 I/O Lamp	Yellow LED	

配套线缆 Cable				
品名 Product	PM-M12A-08P-FF-SL8A02-00A(H)	PM-M12A-08P-FF-SL8B02-00A(H)	PM-M12A-08P-FF-SR8A02-00A(H)	PM-M12A-08P-FF-SR8B02-00A(H)
外壳材质 Shell material	M12*1孔式成型电缆插头, 8P, 单端, 非屏蔽, 直头, PVC, 2米 M12 * 1 Female Overmolded with Cable Plug, 8P, single end, Unshielded, Straight, PVC, 2m	M12*1孔式成型电缆插头, 8P, 单端, 非屏蔽, 直头, PUR, 2米 M12 * 1 Female Overmolded with Cable Plug, 8P, single end, Unshielded, Straight, PUR, 2m	M12*1孔式成型电缆插头, 8P, 单端, 非屏蔽, 弯头, PVC, 2米 M12 * 1 Female Overmolded with Cable Plug, 8P, single end, Unshielded, Angled, PVC, 2m	M12*1孔式成型电缆插头, 8P, 单端, 非屏蔽, 弯头, PUR, 2米 M12 * 1 Female Overmolded with Cable Plug, 8P, single end, Unshielded, Angled, PUR, 2m
配套线缆 Cable				
M12连接器引脚分配图 M12 Connector Pin drawing			编号 NO.	颜色 Color
M8引脚分配图 M8 Pin drawing			1	白(WH)
分线盒尺寸图 Junction Box drawing			2	棕(BN)
接线示意图 Wiring Diagram			3	绿(GN)
			4	黄(YE)
			5	灰(GY)
			6	粉(PK)
			7	蓝(BU)
			8	红(RD)


特点

- 尺寸紧凑，便于现场狭小空间安装。
- PNP, NPN输出方式可选择。
- LED指示，工作状态可视化。
- 高达IP67的防护等级。
- 线缆材质及长度可选择。

Features

- Small size, easy to install.
- You can select PNP, NPN according to the function mode of the controller.
- There is LED indicator light, you can see the working status of the product.
- IP67 level of protection.
- You can choose the material and length of the cable.

产品 Product		性能参数 Performance Parameter		I/O参数 I/O Parameters	
品名 Product	JB-M8-06-P-00	JB-M8-06-N-00	品名 Product	JB-M8-06-P-00	JB-M8-06-N-00
功能描述 Functional description	分体式塑料外壳, 6通道, 单信号, PNP Split Plastic box, 6 channels, single signal, PNP	分体式塑料外壳, 6通道, 单信号, PNP Split Plastic box, 6 channels, single signal, PNP	功能描述 Functional description	分体式塑料外壳, 6通道, 单信号, PNP Split Plastic box, 6 channels, single signal, PNP	分体式塑料外壳, 6通道, 单信号, PNP Split Plastic box, 6 channels, single signal, PNP
信号类型 Signal type	PNP	NPN	额定电压 Rated Voltage	24VDC	
I/O通道数 Number of i/o channels	6		额定电流 Rated Current	1.5A	
信号输出点 Number of signal output points	1		接口类型 Interface type	M8 Female Acode 3P IEC 61076-2-104	
外壳材质 Shell material	PBT		扭矩 Torque	0.2Nm(1.77Lb-In)	
接触材质 Contact Material	Copper alloy		接口材料 Interface material	Copper alloy	
接触表面 Contact surface material	Au		螺纹接口表面材料 Thread material	Ni	
接触件载体 Contact Material	PA		机械结构 Mechanical Structure		
阻抗 Contact Resistance	<10mΩ		防护等级 Protection grade	IP67	
电源参数 Power Supply Parameters			外形尺寸(L X W X H) size(L X W X H)	106.6mm X 30.6mm X 27mm	
供电电压 Supply Voltage	10...30VDC		工作环境 Work Environment		
供电电流 Supply Current MAX	Max 4A		工作温度 Working temperature	-25...80°C	
接口类型 Interface type	M12 Male Acode 8P IEC 61076-2-101		存储温度 Storage temperature	-25...80°C	
扭矩 Torque	0.4Nm(3.54Lb-In)		LED状态指示 LED Status Indicator		
接口材料 Interface material	Copper alloy		电源指示灯 Power Lamp	Green LED	
螺纹接口表面材料 Thread material	Ni		I/O指示灯 I/O Lamp	Yellow LED	

配套线缆 Cable						
品名 Product	PM-M12A-08P-FF-SL8A02-00A(H)	PM-M12A-08P-FF-SL8B02-00A(H)	PM-M12A-08P-FF-SR8A02-00A(H)	PM-M12A-08P-FF-SR8B02-00A(H)		
外壳材质 Shell material	M12*1孔式成型电缆插头, 8P, 单端, 非屏蔽, 直头, PVC, 2米 M12 * 1 Female Overmolded with Cable Plug, 8P, single end, Unshielded, Straight, PVC, 2m	M12*1孔式成型电缆插头, 8P, 单端, 非屏蔽, 直头, PUR, 2米 M12 * 1 Female Overmolded with Cable Plug, 8P, single end, Unshielded, Straight, PUR, 2m	M12*1孔式成型电缆插头, 8P, 单端, 非屏蔽, 弯头, PVC, 2米 M12 * 1 Female Overmolded with Cable Plug, 8P, single end, Unshielded, Angled, PVC, 2m	M12*1孔式成型电缆插头, 8P, 单端, 非屏蔽, 弯头, PUR, 2米 M12 * 1 Female Overmolded with Cable Plug, 8P, single end, Unshielded, Angled, PUR, 2m		
配套线缆 Cable						
M12连接器针脚分配图 M12 Connector Pin drawing			编号 NO.	颜色 Color	编号 NO.	颜色 Color
M8针脚分配图 M8 Pin drawing			1	白(WH)	5	灰(GY)
分线盒尺寸图 Junction Box drawing			2	棕(BN)	6	粉(PK)
接线示意图 Wiring Diagram			3	绿(GN)	7	蓝(BU)
			4	黄(YE)	8	红(RD)


特点

- 尺寸紧凑，便于现场狭小空间安装。
- PNP, NPN输出方式可选择。
- LED指示，工作状态可视化。
- 高达IP67的防护等级。
- 线缆材质及长度可选择。

Features

- Small size, easy to install.
- You can select PNP, NPN according to the function mode of the controller.
- There is LED indicator light, you can see the working status of the product.
- IP67 level of protection.
- You can choose the material and length of the cable.

产品 Product		性能参数 Performance Parameter		I/O参数 I/O Parameters	
品名 Product	JB-M8-08-P-00	JB-M8-08-N-00	品名 Product	JB-M8-08-P-00	JB-M8-08-N-00
功能描述 Functional description	分体式塑料外壳, 8通道, 单信号, PNP Split Plastic box, 8 channels, single signal, PNP	分体式塑料外壳, 8通道, 单信号, NPN Split Plastic box, 8 channels, single signal, NPN	功能描述 Functional description	分体式塑料外壳, 8通道, 单信号, PNP Split Plastic box, 8 channels, single signal, PNP	分体式塑料外壳, 8通道, 单信号, NPN Split Plastic box, 8 channels, single signal, NPN
信号类型 Signal type	PNP	NPN	额定电压 Rated Voltage	24VDC	
I/O通道数 Number of i/o channels	8		额定电流 Rated Current	1.5A	
信号输出点 Number of signal output points	1		接口类型 Interface type	M8 Female Acode 3P IEC 61076-2-104	
外壳材质 Shell material	PBT		扭矩 Torque	0.2Nm(1.77Lb-In)	
接触材质 Contact Material	Copper alloy		接口材料 Interface material	Copper alloy	
接触表面 Contact surface material	Au		螺纹接口表面材料 Thread material	Ni	
接触件载体 Contact Material	PA		机械结构 Mechanical Structure		
阻抗 Contact Resistance	<10mΩ		防护等级 Protection grade	IP67	
电源参数 Power Supply Parameters			外形尺寸(L X W X H) size(L X W X H)	126.6mm X 30.6mm X 27mm	
供电电压 Supply Voltage	10...30VDC		工作环境 Work Environment		
供电电流 Supply Current MAX	Max 4A		工作温度 Working temperature	-25...80°C	
接口类型 Interface type	M12 Male Acode 12P IEC 61076-2-101		存储温度 Storage temperature	-25...80°C	
扭矩 Torque	0.4Nm(3.54Lb-In)		LED状态指示 LED Status Indicator		
接口材料 Interface material	Copper alloy		电源指示灯 Power Lamp	Green LED	
螺纹接口表面材料 Thread material	Ni		I/O指示灯 I/O Lamp	Yellow LED	

配套线缆 Cable																																
品名 Product	PM-M12A-12P-FF-SL8A03-00A(H)	PM-M12A-12P-FF-SL8B03-00A(H)	PM-M12A-12P-FF-SR8A03-00A(H)	PM-M12A-12P-FF-SR8B03-00A(H)																												
外壳材质 Shell material	M12*1孔式成型电缆插头, 12P, 单端, 非屏蔽, 直头, PVC, 3米 M12 * 1 Female Overmolded with Cable Plug, 12P, single end, Unshielded, Straight, PVC, 3m	M12*1孔式成型电缆插头, 12P, 单端, 非屏蔽, 直头, PUR, 3米 M12 * 1 Female Overmolded with Cable Plug, 12P, single end, Unshielded, Straight, PUR, 3m	M12*1孔式成型电缆插头, 12P, 单端, 非屏蔽, 弯头, PVC, 3米 M12 * 1 Female Overmolded with Cable Plug, 12P, single end, Unshielded, Angled, PVC, 3m	M12*1孔式成型电缆插头, 12P, 单端, 非屏蔽, 弯头, PUR, 3米 M12 * 1 Female Overmolded with Cable Plug, 12P, single end, Unshielded, Angled, PUR, 3m																												
配套线缆 Cable																																
M12连接器引脚分配图 M12 Connector Pin drawing			<table border="1"> <thead> <tr> <th>编号 NO.</th> <th>颜色 Color</th> <th>编号 NO.</th> <th>颜色 Color</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>棕(BN)</td> <td>7</td> <td>黑(BK)</td> </tr> <tr> <td>2</td> <td>蓝(BU)</td> <td>8</td> <td>灰(GY)</td> </tr> <tr> <td>3</td> <td>白(WH)</td> <td>9</td> <td>红(RD)</td> </tr> <tr> <td>4</td> <td>绿(GN)</td> <td>10</td> <td>紫(VT)</td> </tr> <tr> <td>5</td> <td>粉(PK)</td> <td>11</td> <td>灰/粉(GY/PK)</td> </tr> <tr> <td>6</td> <td>黄(YE)</td> <td>12</td> <td>红/蓝(RD/BU)</td> </tr> </tbody> </table>	编号 NO.	颜色 Color	编号 NO.	颜色 Color	1	棕(BN)	7	黑(BK)	2	蓝(BU)	8	灰(GY)	3	白(WH)	9	红(RD)	4	绿(GN)	10	紫(VT)	5	粉(PK)	11	灰/粉(GY/PK)	6	黄(YE)	12	红/蓝(RD/BU)	
编号 NO.	颜色 Color	编号 NO.	颜色 Color																													
1	棕(BN)	7	黑(BK)																													
2	蓝(BU)	8	灰(GY)																													
3	白(WH)	9	红(RD)																													
4	绿(GN)	10	紫(VT)																													
5	粉(PK)	11	灰/粉(GY/PK)																													
6	黄(YE)	12	红/蓝(RD/BU)																													
M8引脚分配图 M8 Pin drawing																																
分线盒尺寸图 Junction Box drawing																																
接线示意图 Wiring Diagram	<p>JB-M8-08-P-00</p> <table border="1"> <tr><td>1</td><td>Un</td></tr> <tr><td>3</td><td>0V</td></tr> <tr><td>4</td><td>Signal</td></tr> </table> <p>M8 母头A编码 3芯 M8 Female Acode 3P</p>	1	Un	3	0V	4	Signal	<p>JB-M8-08-N-00</p> <table border="1"> <tr><td>1</td><td>Un</td></tr> <tr><td>3</td><td>0V</td></tr> <tr><td>4</td><td>Signal</td></tr> </table> <p>M8 母头A编码 3芯 M8 Female Acode 3P</p>	1	Un	3	0V	4	Signal																		
1	Un																															
3	0V																															
4	Signal																															
1	Un																															
3	0V																															
4	Signal																															


特点

- 尺寸紧凑，便于现场狭小空间安装。
- PNP, NPN输出方式可选择。
- LED指示，工作状态可视化。
- 高达IP67的防护等级。
- 线缆材质及长度可选择。

Features

- Small size, easy to install.
- You can select PNP, NPN according to the function mode of the controller.
- There is LED indicator light, you can see the working status of the product.
- IP67 level of protection.
- You can choose the material and length of the cable.

产品 Product		性能参数 Performance Parameter		I/O参数 I/O Parameters	
品名 Product	JB-M8-10-P-00	JB-M8-10-N-00	品名 Product	JB-M8-10-P-00	JB-M8-10-N-00
功能描述 Functional description	分体式塑料外壳, 10通道, 单信号, PNP Split Plastic box, 10 channels, single signal, PNP	分体式塑料外壳, 10通道, 单信号, PNP Split Plastic box, 10 channels, single signal, PNP	功能描述 Functional description	分体式塑料外壳, 10通道, 单信号, PNP Split Plastic box, 10 channels, single signal, PNP	分体式塑料外壳, 10通道, 单信号, PNP Split Plastic box, 10 channels, single signal, PNP
信号类型 Signal type	PNP	NPN	额定电压 Rated Voltage	24VDC	
I/O通道数 Number of i/o channels	10		额定电流 Rated Current	1.5A	
信号输出点 Number of signal output points	1		接口类型 Interface type	M8 Female Acode 3P IEC 61076-2-104	
外壳材质 Shell material	PBT		扭矩 Torque	0.2Nm(1.77Lb-In)	
接触材质 Contact Material	Copper alloy		接口材料 Interface material	Copper alloy	
接触表面 Contact surface material	Au		螺纹接口表面材料 Thread material	Ni	
接触件载体 Contact Material	PA		机械结构 Mechanical Structure		
阻抗 Contact Resistance	<10mΩ		防护等级 Protection grade	IP67	
电源参数 Power Supply Parameters			外形尺寸(L X W X H) size(L X W X H)	146.6mm X 30.6mm X 27mm	
供电电压 Supply Voltage	10...30VDC		工作环境 Work Environment		
供电电流 Supply Current MAX	Max 4A		工作温度 Working temperature	-25...80°C	
接口类型 Interface type	M12 Male Acode 12P IEC 61076-2-101		存储温度 Storage temperature	-25...80°C	
扭矩 Torque	0.4Nm(3.54Lb-In)		LED状态指示 LED Status Indicator		
接口材料 Interface material	Copper alloy		电源指示灯 Power Lamp	Green LED	
螺纹接口表面材料 Thread material	Ni		I/O指示灯 I/O Lamp	Yellow LED	

配套线缆 Cable																																
品名 Product	PM-M12A-12P-FF-SL8A02-00A(H)	PM-M12A-12P-FF-SL8B02-00A(H)	PM-M12A-12P-FF-SR8A02-00A(H)	PM-M12A-12P-FF-SR8B02-00A(H)																												
外壳材质 Shell material	M12*1孔式成型电缆插头, 12P, 单端, 非屏蔽, 直头, PVC, 3米 M12 * 1 Female Overmolded with Cable Plug, 12P, single end, Unshielded, Straight, PVC, 3m	M12*1孔式成型电缆插头, 12P, 单端, 非屏蔽, 直头, PUR, 3米 M12 * 1 Female Overmolded with Cable Plug, 12P, single end, Unshielded, Straight, PUR, 3m	M12*1孔式成型电缆插头, 12P, 单端, 非屏蔽, 弯头, PVC, 3米 M12 * 1 Female Overmolded with Cable Plug, 12P, single end, Unshielded, Angled, PVC, 3m	M12*1孔式成型电缆插头, 12P, 单端, 非屏蔽, 弯头, PUR, 3米 M12 * 1 Female Overmolded with Cable Plug, 12P, single end, Unshielded, Angled, PUR, 3m																												
配套线缆 Cable																																
M12连接器针脚分配图 M12 Connector Pin drawing			<table border="1"> <thead> <tr> <th>编号 NO.</th> <th>颜色 Color</th> <th>编号 NO.</th> <th>颜色 Color</th> </tr> </thead> <tbody> <tr><td>1</td><td>棕(BN)</td><td>7</td><td>黑(BK)</td></tr> <tr><td>2</td><td>蓝(BU)</td><td>8</td><td>灰(GY)</td></tr> <tr><td>3</td><td>白(WH)</td><td>9</td><td>红(RD)</td></tr> <tr><td>4</td><td>绿(GN)</td><td>10</td><td>紫(VT)</td></tr> <tr><td>5</td><td>粉(PK)</td><td>11</td><td>灰/粉(GY/PK)</td></tr> <tr><td>6</td><td>黄(YE)</td><td>12</td><td>红/蓝(RD/BU)</td></tr> </tbody> </table>		编号 NO.	颜色 Color	编号 NO.	颜色 Color	1	棕(BN)	7	黑(BK)	2	蓝(BU)	8	灰(GY)	3	白(WH)	9	红(RD)	4	绿(GN)	10	紫(VT)	5	粉(PK)	11	灰/粉(GY/PK)	6	黄(YE)	12	红/蓝(RD/BU)
编号 NO.	颜色 Color	编号 NO.	颜色 Color																													
1	棕(BN)	7	黑(BK)																													
2	蓝(BU)	8	灰(GY)																													
3	白(WH)	9	红(RD)																													
4	绿(GN)	10	紫(VT)																													
5	粉(PK)	11	灰/粉(GY/PK)																													
6	黄(YE)	12	红/蓝(RD/BU)																													
M8针脚分配图 M8 Pin drawing																																
分线盒尺寸图 Junction Box drawing																																
接线示意图 Wiring Diagram	JB-M8-10-P-00 		JB-M8-10-N-00 																													


特点

- 尺寸紧凑，便于现场狭小空间安装。
- PNP, NPN输出方式可选择。
- LED指示，工作状态可视化。
- 高达IP67的防护等级。
- 线缆材质及长度可选择。

Features

- Small size, easy to install.
- You can select PNP, NPN according to the function mode of the controller.
- There is LED indicator light, you can see the working status of the product.
- IP67 level of protection.
- You can choose the material and length of the cable.

产品 Product

品名 Product	JB-M8-04-P-A03-00	JB-M8-04-N-A03-00
功能描述 Functional description	预注线缆式塑料外壳,4通道,单信号,PNP,PVC,3米 Pre-injected cable, plastic box, 4 channels, single signal, PNP, PVC, 3m	预注线缆式塑料外壳,4通道,单信号,NPN,PVC,3米 Pre-injected cable, plastic box, 4 channels, single signal, NPN, PVC, 3m

性能参数 Performance Parameter

信号类型 Signal type	PNP	NPN
I/O通道数 Number of i/o channels	4	
信号输出点 Number of signal output points	1	
外壳材质 Shell material	PBT	
接触材质 Contact Material	Copper alloy	
接触表面 Contact surface material	Au	
接触件载体 Contact Material	PA	
阻抗 Contact Resistance	<10mΩ	
电缆/导线材质 Cable material	PUR/PP,拖链500万次	
标准配线长度 Cable length	3m	

电源参数 Power Supply Parameters

供电电压 Supply Voltage	10...30VDC
供电电流 Supply Current MAX	Max 4A

I/O参数 I/O Parameters

额定电压 Rated Voltage	24VDC
额定电流 Rated Current	1.5A
接口类型 Interface type	M8 Female Acode 3P IEC 61076-2-104
扭矩 Torque	0.2Nm(1.77Lb-In)
接口材料 Interface material	Copper alloy
螺纹接口表面材料 Thread material	Ni

机械结构 Mechanical Structure

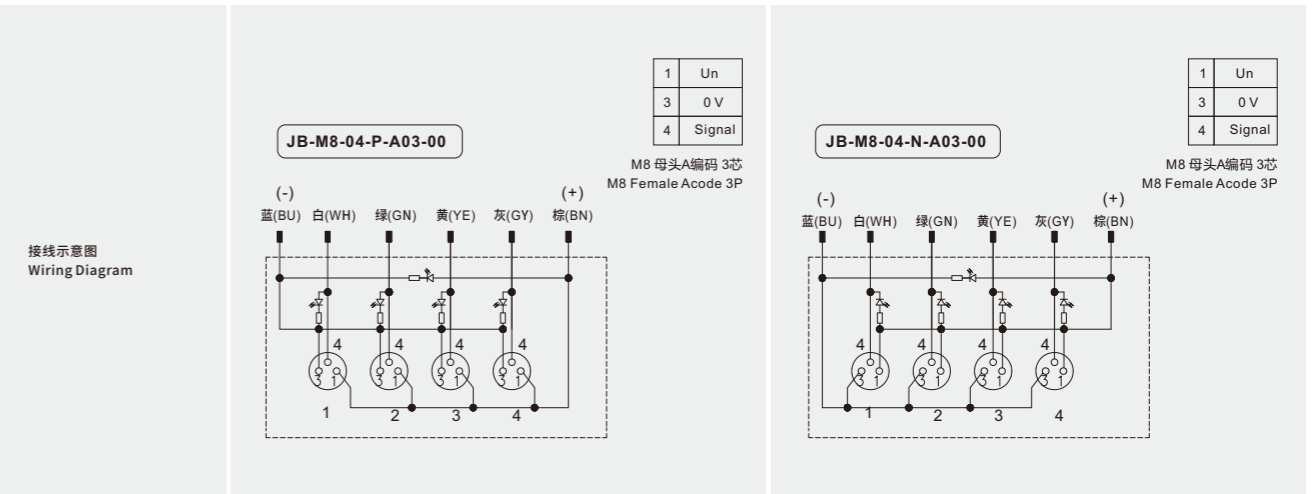
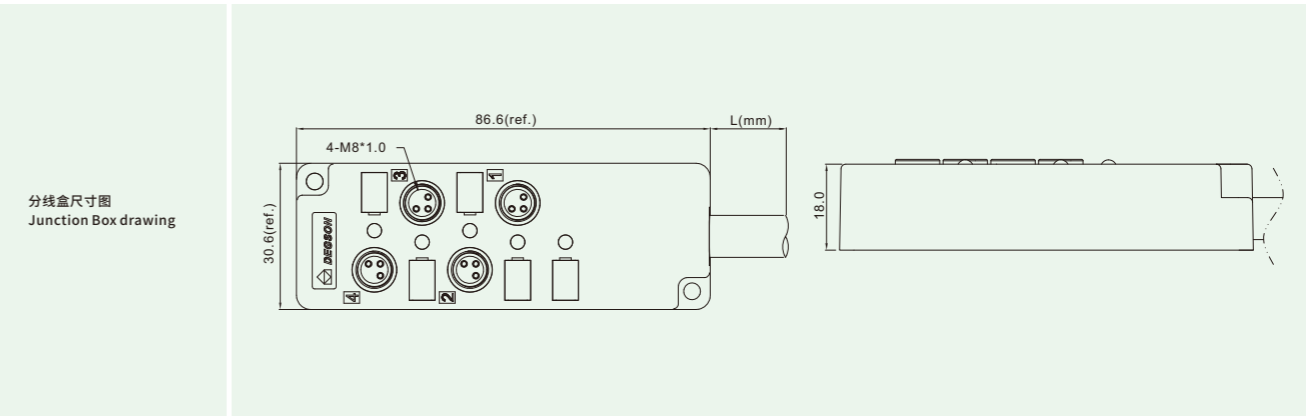
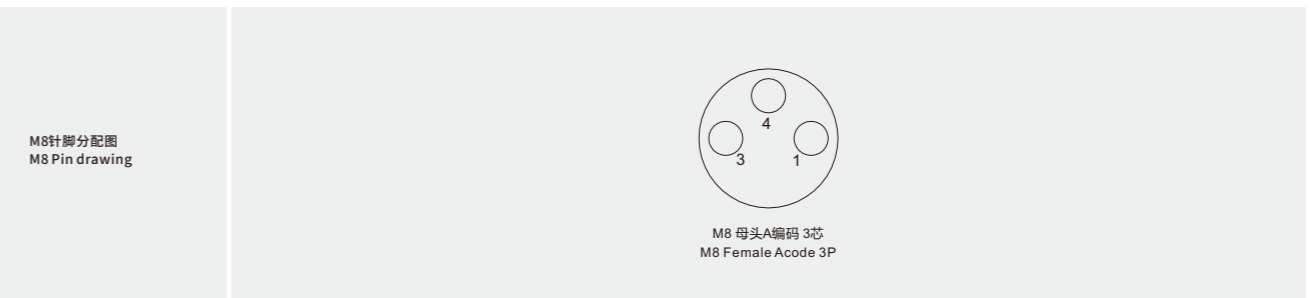
防护等级 Protection grade	IP67
外形尺寸(L X W X H) size(L X W X H)	86.6mm X 30.6mm X 18mm

工作环境 Work Environment

工作温度 Working temperature	-25...80°C
存储温度 Storage temperature	-25...80°C

LED状态指示 LED Status Indicator

电源指示灯 Power Lamp	Green LED
I/O指示灯 I/O Lamp	Yellow LED

产品图 Product Figure



特点

- 尺寸紧凑，便于现场狭小空间安装。
- PNP, NPN输出方式可选择。
- LED指示，工作状态可视化。
- 高达IP67的防护等级。
- 线缆材质及长度可选择。

Features

- Small size, easy to install.
- You can select PNP, NPN according to the function mode of the controller.
- There is LED indicator light, you can see the working status of the product.
- IP67 level of protection.
- You can choose the material and length of the cable.

产品 Product

品名 Product	JB-M8-06-P-A03-00	JB-M8-06-N-A03-00
功能描述 Functional description	预注线缆式塑料外壳, 6通道, 单信号, PNP, PVC, 3米 Pre-injected cable, plastic box, 6 channels, single signal, PNP, PVC, 3m	预注线缆式塑料外壳, 6通道, 单信号, NPN, PVC, 3米 Pre-injected cable, plastic box, 6 channels, single signal, NPN, PVC, 3m

性能参数 Performance Parameter

信号类型 Signal type	PNP	NPN
I/O通道数 Number of i/o channels	6	
信号输出点 Number of signal output points	1	
外壳材质 Shell material	PBT	
接触材质 Contact Material	Copper alloy	
接触表面 Contact surface material	Au	
接触件载体 Contact Material	PA	
阻抗 Contact Resistance	<10mΩ	
电缆/导线材质 Cable material	PUR/PP, 拖链500万次	
标准配线长度 Cable length	3m	

电源参数 Power Supply Parameters

供电电压 Supply Voltage	10...30VDC
供电电流 Supply Current MAX	Max 4A

I/O参数 I/O Parameters

额定电压 Rated Voltage	24VDC
额定电流 Rated Current	1.5A
接口类型 Interface type	M8 Female Acode 3P IEC 61076-2-104
扭矩 Torque	0.2Nm(1.77Lb-In)
接口材料 Interface material	Copper alloy
螺纹接口表面材料 Thread material	Ni

机械结构 Mechanical Structure

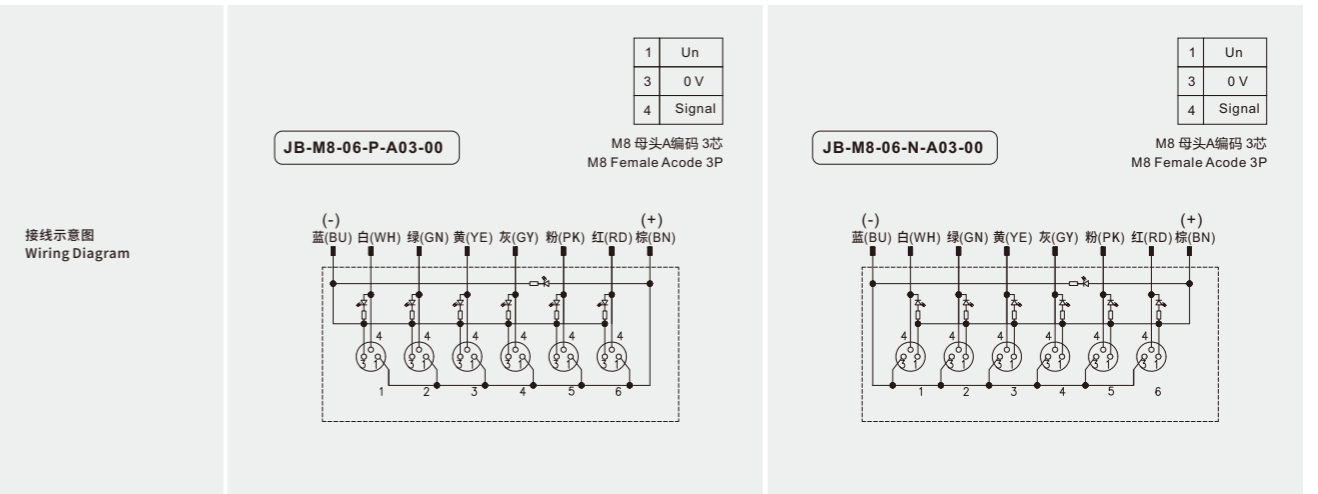
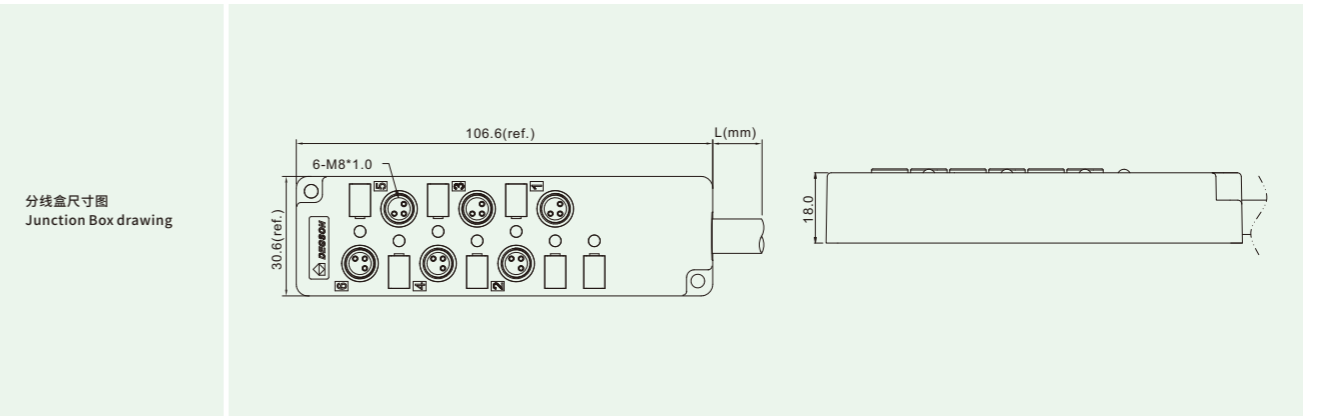
防护等级 Protection grade	IP67
外形尺寸(L X W X H) size(L X W X H)	106.6mm X 30.6mm X 18mm

工作环境 Work Environment

工作温度 Working temperature	-25...80°C
存储温度 Storage temperature	-25...80°C

LED状态指示 LED Status Indicator

电源指示灯 Power Lamp	Green LED
I/O指示灯 I/O Lamp	Yellow LED

产品图 Product Figure



特点

- 尺寸紧凑，便于现场狭小空间安装。
- PNP, NPN输出方式可选择。
- LED指示，工作状态可视化。
- 高达IP67的防护等级。
- 线缆材质及长度可选择。

Features

- Small size, easy to install.
- You can select PNP, NPN according to the function mode of the controller.
- There is LED indicator light, you can see the working status of the product.
- IP67 level of protection.
- You can choose the material and length of the cable.

产品 Product

品名 Product	JB-M8-08-P-A03-00	JB-M8-08-N-A03-00
功能描述 Functional description	预注线缆式塑料外壳, 8通道, 单信号, PNP, PVC, 3米 Pre-injected cable, plastic box, 8 channels, single signal, PNP, PVC, 3m	预注线缆式塑料外壳, 8通道, 单信号, NPN, PVC, 3米 Pre-injected cable, plastic box, 8 channels, single signal, NPN, PVC, 3m

性能参数 Performance Parameter

信号类型 Signal type	PNP	NPN
I/O通道数 Number of i/o channels	8	
信号输出点 Number of signal output points	1	
外壳材质 Shell material	PBT	
接触材质 Contact Material	Copper alloy	
接触表面 Contact surface material	Au	
接触件载体 Contact Material	PA	
阻抗 Contact Resistance	<10mΩ	
电缆/导线材质 Cable material	PUR/PP, 拖链500万次	
标准配线长度 Cable length	3m	

电源参数 Power Supply Parameters

供电电压 Supply Voltage	10...30VDC
供电电流 Supply Current MAX	Max 4A

I/O参数 I/O Parameters

额定电压 Rated Voltage	24VDC
额定电流 Rated Current	1.5A
接口类型 Interface type	M8 Female Acode 3P IEC 61076-2-104
扭矩 Torque	0.2Nm(1.77Lb-In)
接口材料 Interface material	Copper alloy
螺纹接口表面材料 Thread material	Ni

机械结构 Mechanical Structure

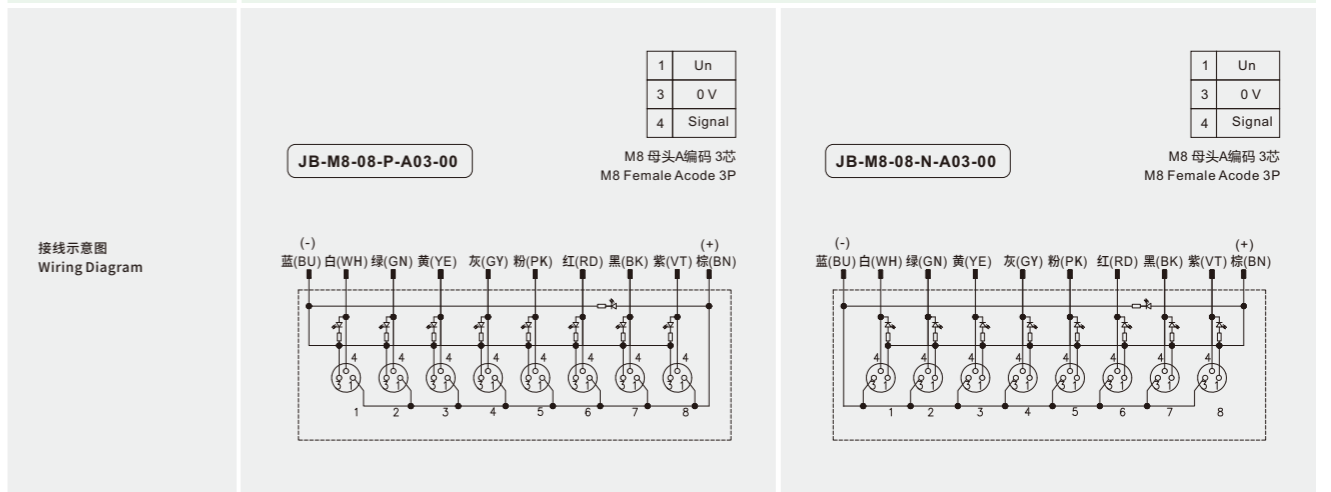
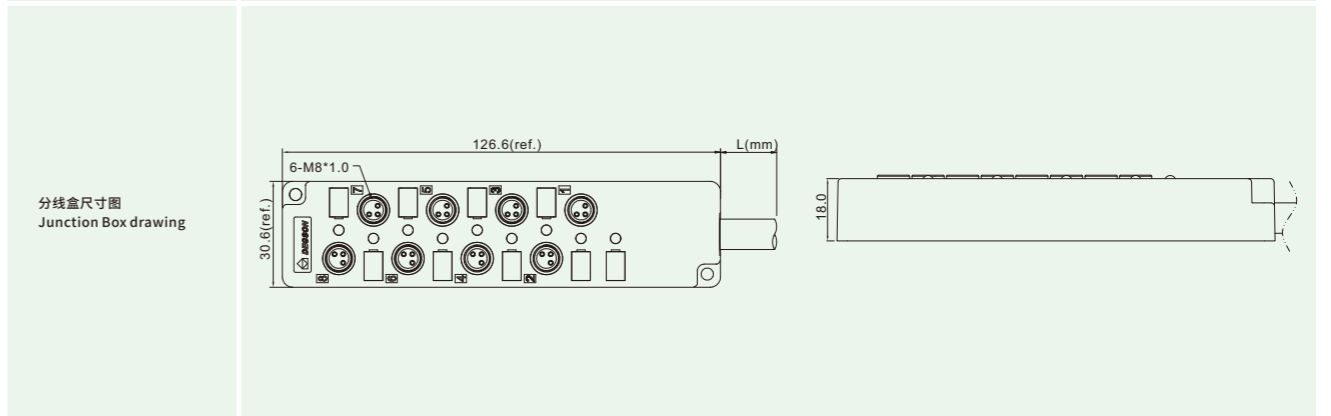
防护等级 Protection grade	IP67
外形尺寸(L X W X H) size(L X W X H)	126.6mm X 30.6mm X 18mm

工作环境 Work Environment

工作温度 Working temperature	-25...80°C
存储温度 Storage temperature	-25...80°C

LED状态指示 LED Status Indicator

电源指示灯 Power Lamp	Green LED
I/O指示灯 I/O Lamp	Yellow LED

产品图 Product Figure



特点

- 尺寸紧凑，便于现场狭小空间安装。
- PNP, NPN输出方式可选择。
- LED指示，工作状态可视化。
- 高达IP67的防护等级。
- 线缆材质及长度可选择。

Features

- Small size, easy to install.
- You can select PNP, NPN according to the function mode of the controller.
- There is LED indicator light, you can see the working status of the product.
- IP67 level of protection.
- You can choose the material and length of the cable.

产品 Product

品名 Product	JB-M8-10-P-A03-00	JB-M8-10-N-A03-00
功能描述 Functional description	预注线缆式塑料外壳, 10通道, 单信号, PNP, PVC, 3米 Pre-injected cable, plastic box, 10 channels, single signal, PNP, PVC, 3m	预注线缆式塑料外壳, 10通道, 单信号, NPN, PVC, 3米 Pre-injected cable, plastic box, 10 channels, single signal, NPN, PVC, 3m

性能参数 Performance Parameter

信号类型 Signal type	PNP	NPN
I/O通道数 Number of i/o channels	10	
信号输出点 Number of signal output points	1	
外壳材质 Shell material	PBT	
接触材质 Contact Material	Copper alloy	
接触表面 Contact surface material	Au	
接触件载体 Contact Material	PA	
阻抗 Contact Resistance	<10mΩ	
电缆/导线材质 Cable material	PUR/PP, 拖链500万次	
标准配线长度 Cable length	3m	

电源参数 Power Supply Parameters

供电电压 Supply Voltage	10...30VDC
供电电流 Supply Current MAX	Max 4A

I/O参数 I/O Parameters

额定电压 Rated Voltage	24VDC
额定电流 Rated Current	1.5A
接口类型 Interface type	M8 Female Acode 3P IEC 61076-2-104
扭矩 Torque	0.2Nm(1.77Lb-In)
接口材料 Interface material	Copper alloy
螺纹接口表面材料 Thread material	Ni

机械结构 Mechanical Structure

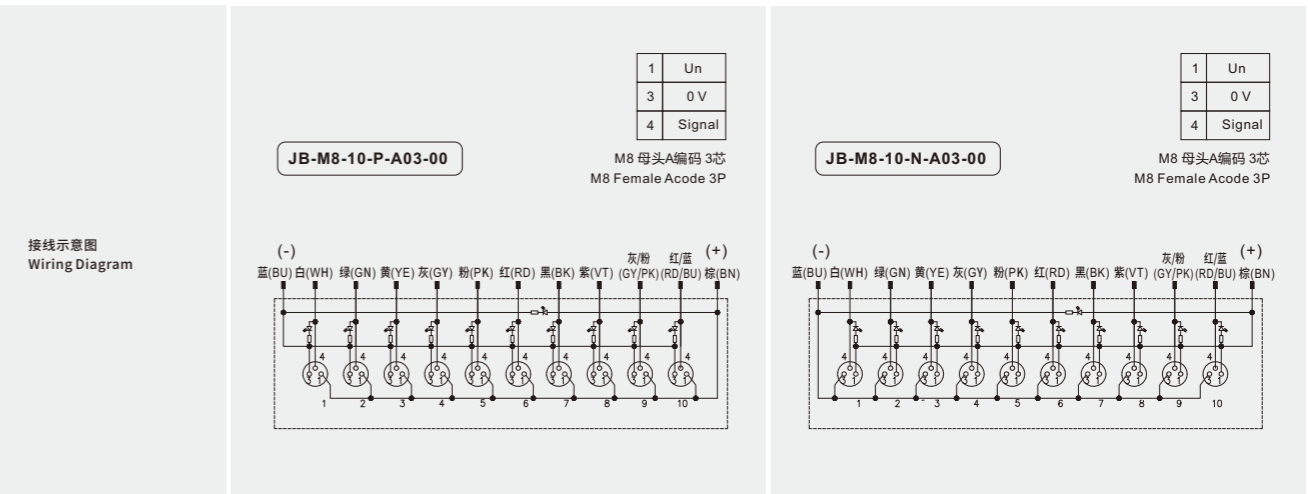
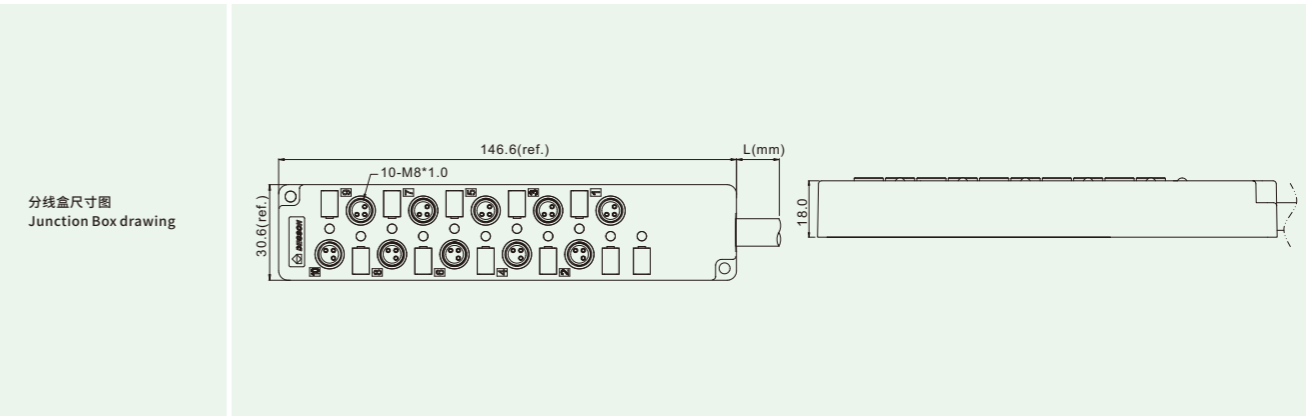
防护等级 Protection grade	IP67
外形尺寸(L X W X H) size(L X W X H)	146.6mm X 30.6mm X 18mm

工作环境 Work Environment

工作温度 Working temperature	-25...80°C
存储温度 Storage temperature	-25...80°C

LED状态指示 LED Status Indicator

电源指示灯 Power Lamp	Green LED
I/O指示灯 I/O Lamp	Yellow LED

产品图 Product Figure


附件 Appendices

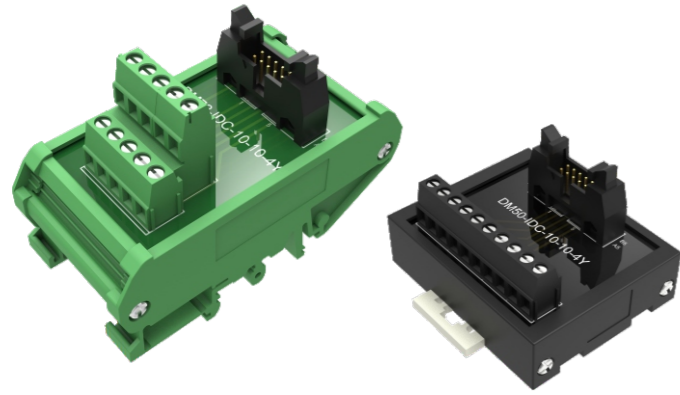
CE RoHS

品名 Product	功能描述 Functional description	图片 Picture	尺寸图 Dimensional drawing	示意图 Wiring Diagram	接线表 Wiring List
PM-M8A-03P-MM-SL7A02-00A(H)	M8*1针式成型电缆插头,3P,单端,非屏蔽,直头,PVC,2米 M12 * 1 Male Overmolded with Cable Plug, 3P, single end, Unshielded, Straight, PVC, 2m				1.BN 3.BU 4.BK
PM-M8A-03P-MM-SL7B02-00A(H)	M8*1针式成型电缆插头,3P,单端,非屏蔽,直头,PUR,2米 M12 * 1 Male Overmolded with Cable Plug, 3P, single end, Unshielded, Straight, PUR, 2m				1.BN 3.BU 4.BK
PM-M8A-03P-MM-SR7A02-00A(H)	M8*1针式成型电缆插头,3P,单端,非屏蔽,弯头,PVC,2米 M12 * 1 Male Overmolded with Cable Plug, 3P, single end, Unshielded, Angled, PVC, 2m				1.BN 3.BU 4.BK
PM-M8A-03P-MM-SR7B02-00A(H)	M8*1针式成型电缆插头,3P,单端,非屏蔽,弯头,PUR,2米 M12 * 1 Male Overmolded with Cable Plug, 3P, single end, Unshielded, Angled, PUR, 2m				1.BN 3.BU 4.BK
PB-M8A-03P-MM-SL7001-00A(H)	M8*1针式现场组装插头,3P,非屏蔽,螺钉连接,直头 M8 * 1 Male Field Assembly Plug, 3P, Unshielded, Screw Connection, Straight				/
PB-M8A-03P-FF-SL7001-00A(H)	M8*1孔式现场组装插头,3P,非屏蔽,螺钉连接,直头 M8 * 1 Female Field Assembly Plug, 3P, Unshielded, Screw Connection, Straight				/

附件 Appendices

CE RoHS

品名 Product	功能描述 Functional description	图片 Picture	尺寸图 Dimensional drawing	示意图 Wiring Diagram	接线表 Wiring List
PB-M12A-08P-MM-SL7001-00A(H)	M12*1针式现场组装插头,8P,非屏蔽,螺钉连接,直头 M12 * 1 Male Field Assembly Plug, 8P, Unshielded, Screw Connection, Straight				/
PB-M12A-08P-MM-SR7001-00A(H)	M12*1针式现场组装插头,8P,非屏蔽,螺钉连接,弯头 M12 * 1 Male Field Assembly Plug, 8P, Unshielded, Screw Connection, Angled				/
PA-M12A-12P-MM-SL7001-00A(H)	M12*1针式现场组装插头,12P,非屏蔽,焊接式,直头 M12 * 1 Male Field Assembly Plug, 12P, Unshielded, Soldering Connection, Straight				/
PA-M12A-12P-MM-SR7001-00A(H)	M12*1针式现场组装插头,12P,非屏蔽,焊接式,弯头 M12 * 1 Male Field Assembly Plug, 12P, Unshielded, Soldering Connection, Angled				/
SD-M12A-08P-FF-SF8AB0-00A(H)	M12*1孔式面板安装插座,8P,板后安装,带2m导线 M12 * 1 Female Panel Mount Receptacle, 8P, Rear Mounting, With 2m wires				1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
PA-M12A-12P-MM-SR7001-00A(H)	M12*1孔式面板安装插座,12P,板后安装,带2m导线 M12 * 1 Female Panel Mount Receptacle, 12P, Rear Mounting, With 2m wires				1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU



DM72-IDC-10-10-4Y-00A(H)
DM50-IDC-10-10-4Y-00A(H)

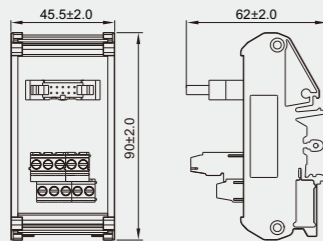
特点

- 本模组为10P IDC连接器——对应10P端子台。
- 可以用于连接所有带10P IDC连接器的PLC或控制器。
- 节省配线空间，时间和成本。
- 方便查修和维护。

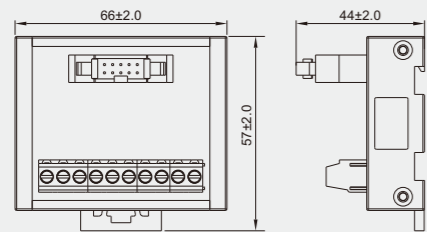
Features

- This module is 10P IDC connector corresponding to 10P terminal blocks.
- Can be used to connect all with 10P IDC connector PLC or controller.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

外形图 Dimensions

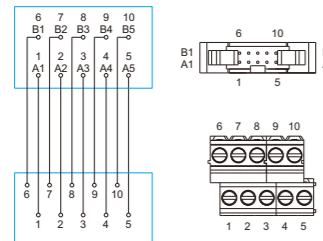


DM72-IDC-10-10-4Y-00A(H)

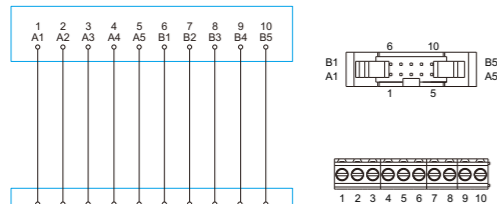


DM50-IDC-10-10-4Y-00A(H)

电路图 Circuit Diagram



DM72-IDC-10-10-4Y-00A(H)



DM50-IDC-10-10-4Y-00A(H)

性能参数 Performance Parameters

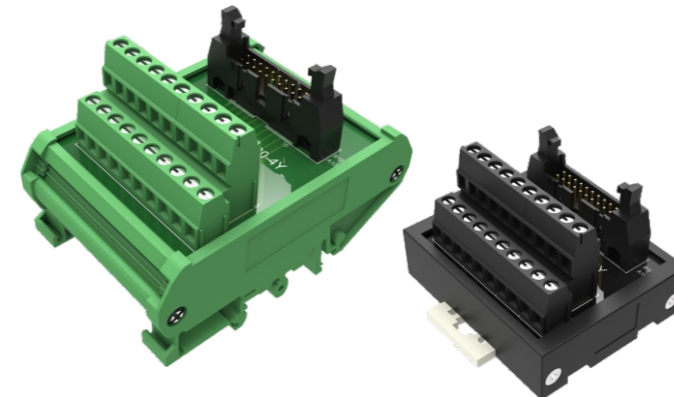
额定电流/电压 Rated Current/Voltage	1A/125VAC
耐电压 Withstand Voltage	500VAC 1min
绝缘阻抗 Insulation Resistance	500MΩ/500VDC
剥线长度 Stripping Length	7mm
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	35mm DIN

适用PLC Suitable PLC

KEYENCE	KV-B16XA/XC KV series of small PLC
	FP0-C16T/C16CT(IN Ministry) FP0-C16P/C16CP(IN Ministry) FP0-C32T/C32CT/T32CT(IN Ministry) FP0-C32P/C32CP/T32CP(IN Ministry) FP0-E16T/P(IN Ministry) FP0-E32T/P(IN Ministry) FP0-E8X FP0-E16X FPΣ-C28(IN Ministry) FPΣ-C32(IN Ministry) FP0-C16T/C16CT(OUT Ministry) FP0-C16P/C16CP(OUT Ministry) FP0-C32T/C32CT/T32CT(OUT Ministry) FP0-C32P/C32CP/T32CP(OUT Ministry) FP0-E16T/P(OUT Ministry) FP0-E32T/P(OUT Ministry) FP0-E8YT FP0-E16YT FPΣ-C28(OUT Ministry) FPΣ-C32(OUT Ministry)
Panasonic FP0. FPΣ series	

关联产品 Related Products

DX216-1 DX216-2 DX216-3 DX200-1 DX210-1



DM72-IDC-20-20-4Y-00A(H)
DM50-IDC-20-20-4Y-00A(H)

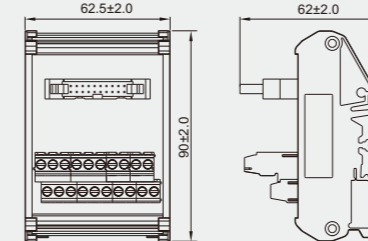
特点

- 本模组为20P IDC连接器——对应20P端子台。
- 可以用于连接所有带20P IDC连接器的PLC或控制器。
- 节省配线空间，时间和成本。
- 方便查修和维护。

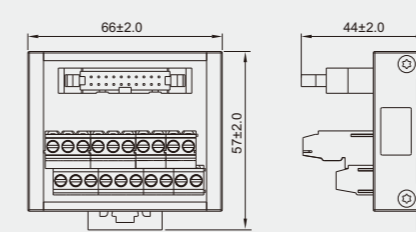
Features

- This module is 20P IDC connector corresponding to 20P terminal blocks.
- Can be used to connect all with 20P IDC connector PLC or controller.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

外形图 Dimensions

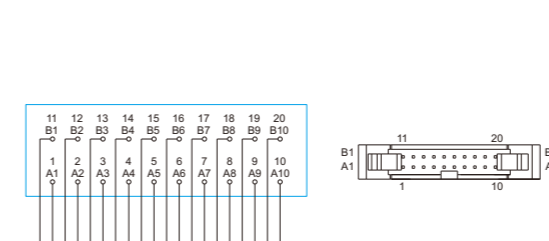


DM72-IDC-20-20-4Y-00A(H)



DM50-IDC-20-20-4Y-00A(H)

电路图 Circuit Diagram



DM72-IDC-20-20-4Y-00A(H)
DM50-IDC-20-20-4Y-00A(H)

性能参数 Performance Parameters

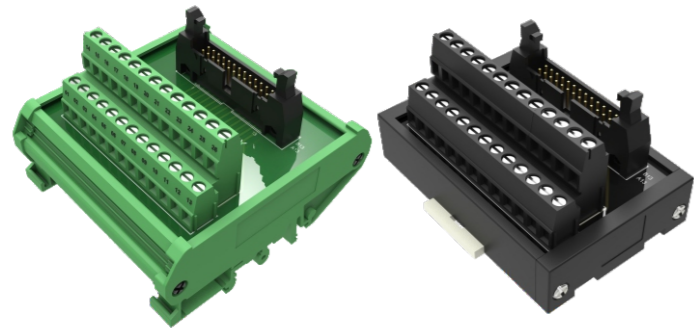
额定电流/电压 Rated Current/Voltage	1A/125VAC
耐电压 Withstand Voltage	500VAC 1min
绝缘阻抗 Insulation Resistance	500MΩ/500VDC
剥线长度 Stripping Length	7mm
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	35mm DIN

适用PLC Suitable PLC

OMRON	CJ1W-MD232 CJ1W-MD233
MITSUBISHI Fxseries	FX1NC-16MT FX1NC-32MT FX2NC-16MT FX2NC-32MT FX3UC-32MT FX2NC-16EX FX2NC-16EX-C FX2NC-16EXL-C FX2NC-16EYT FX2NC-17EYT-C FX2N-10PG FX2N-10GM FX2N-20GM

关联产品 Related Products

DX200-2 DX210-2 DX218-1 DX220-3 DX218-9



DM72-IDC-26-26-4Y-00A(H)
DM50-IDC-26-26-4Y-00A(H)

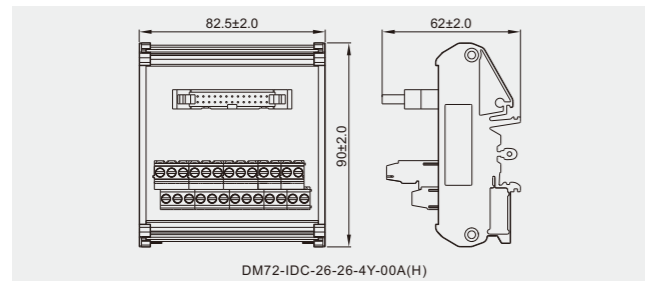
特点

- 本模组为26P IDC连接器——对应26P端子台。
- 可以用于连接所有带26P IDC连接器的PLC或控制器。
- 节省配线空间，时间和成本。
- 方便查修和维护。

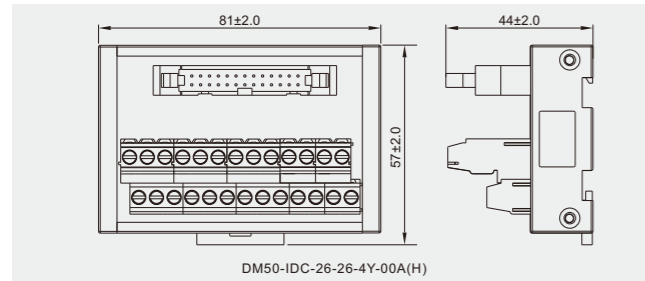
Features

- This module is 26P IDC connector corresponding to 26P terminal blocks.
- Can be used to connect all with 26P IDC connector PLC or controller.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

外形图 Dimensions



DM72-IDC-26-26-4Y-00A(H)



DM50-IDC-26-26-4Y-00A(H)

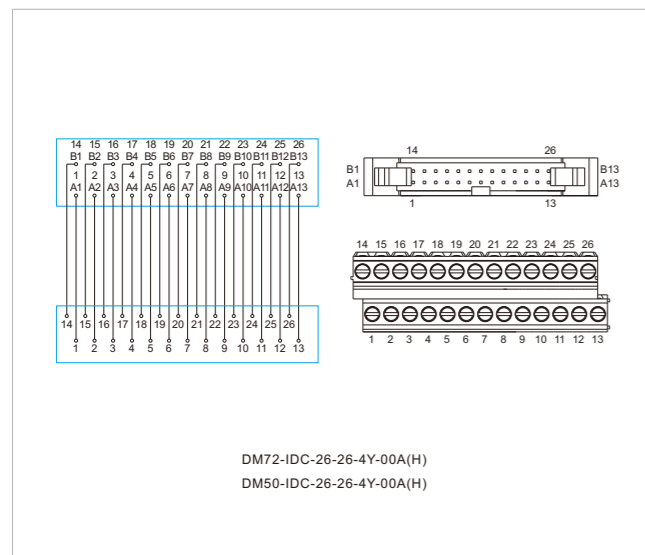
性能参数 Performance Parameters

额定电流/电压 Rated Current/Voltage	1A/125VAC
耐电压 Withstand Voltage	500VAC 1min
绝缘阻抗 Insulation Resistance	500MΩ/500VDC
剥线长度 Stripping Length	7mm
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	35mm DIN

适用PLC Suitable PLC

KEYENCE	KL-16CX KL-16CT KL-32CX KL-32CT
---------	--

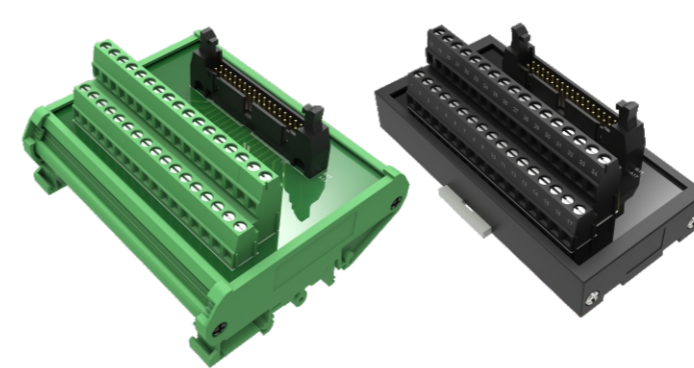
电路图 Circuit Diagram



DM72-IDC-26-26-4Y-00A(H)
DM50-IDC-26-26-4Y-00A(H)

关联产品 Related Products

DX200-26 DX210-6 DX220-2



DM72-IDC-34-34-4Y-00A(H)
DM50-IDC-34-34-4Y-00A(H)

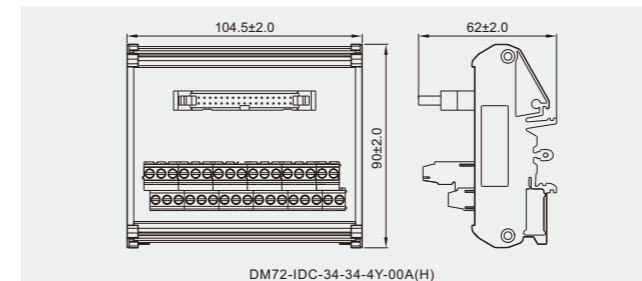
特点

- 本模组为34P IDC连接器——对应34P端子台。
- 可以用于连接所有带34P IDC连接器的PLC或控制器。
- 节省配线空间，时间和成本。
- 方便查修和维护。

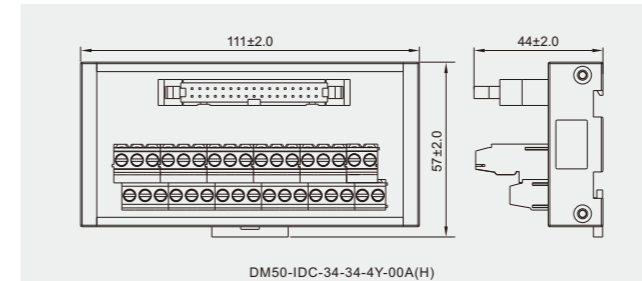
Features

- This module is 34P IDC connector corresponding to 34P terminal blocks.
- Can be used to connect all with 34P IDC connector PLC or controller.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

外形图 Dimensions



DM72-IDC-34-34-4Y-00A(H)



DM50-IDC-34-34-4Y-00A(H)

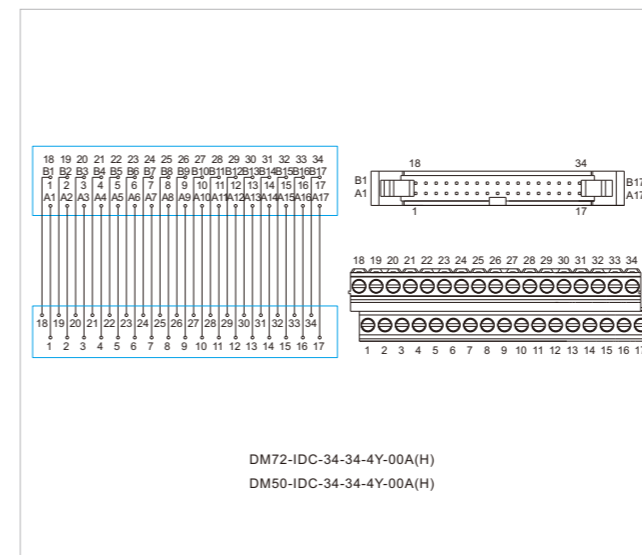
性能参数 Performance Parameters

额定电流/电压 Rated Current/Voltage	1A/125VAC
耐电压 Withstand Voltage	500VAC 1min
绝缘阻抗 Insulation Resistance	500MΩ/500VDC
剥线长度 Stripping Length	7mm
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	35mm DIN

适用PLC Suitable PLC

KEYENCE	KL- C32XA/C KL- C64XA/C KL- C32TA/C KL- C64TA/C
---------	--

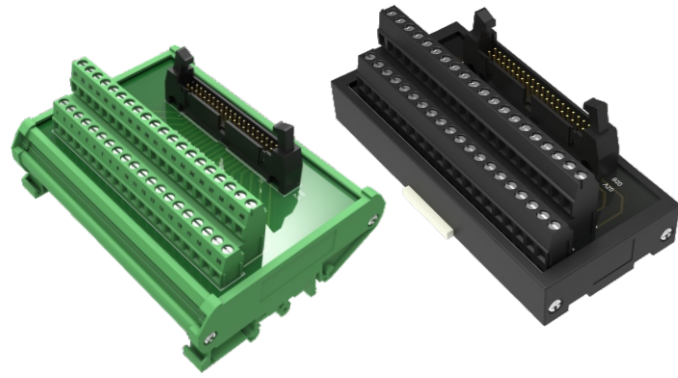
电路图 Circuit Diagram



DM72-IDC-34-34-4Y-00A(H)
DM50-IDC-34-34-4Y-00A(H)

关联产品 Related Products

DX200-3 DX210-3



DM72-IDC-40-40-4Y-00A(H)
DM50-IDC-40-40-4Y-10A(H)

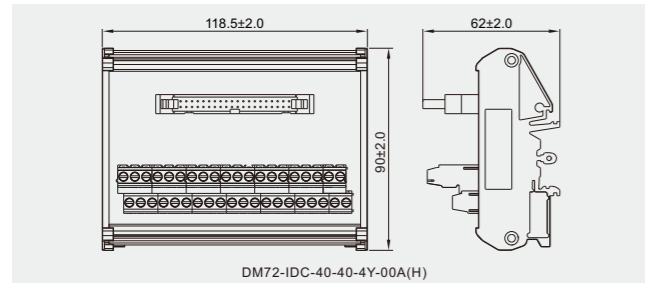
特点

- 本模组为40P IDC连接器——对应40P端子台。
- 可以用于连接所有带40P IDC连接器的PLC或控制器。
- 节省配线空间，时间和成本。
- 方便查修和维护。

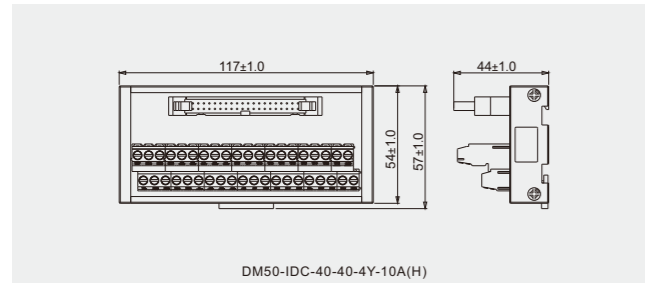
Features

- This module is 40P IDC connector corresponding to 40P terminal blocks.
- Can be used to connect all with 40P IDC connector PLC or controller.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

外形图 Dimensions

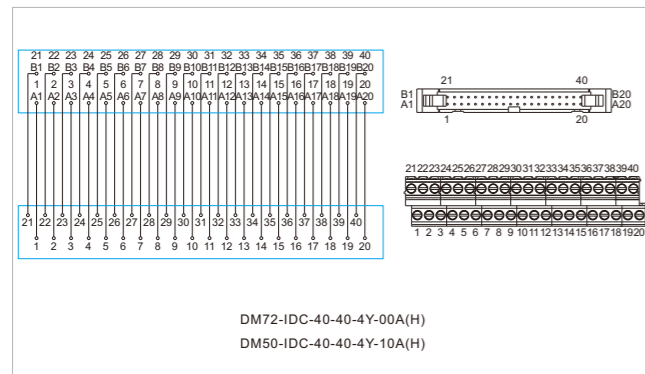


DM72-IDC-40-40-4Y-00A(H)



DM50-IDC-40-40-4Y-10A(H)

电路图 Circuit Diagram



DM72-IDC-40-40-4Y-00A(H)
DM50-IDC-40-40-4Y-10A(H)

关联产品 Related Products

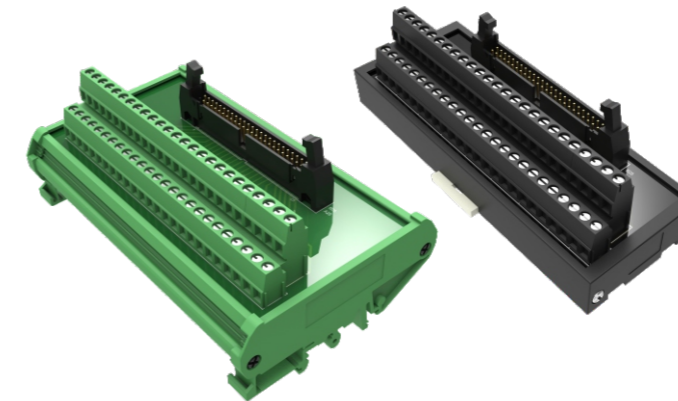
- DX217-1 DX217-2 DX212-1 DX219-2 DX200-4
DX210-4 DX210-5

性能参数 Performance Parameters

额定电流/电压 Rated Current/Voltage	1A/125VAC
耐电压 Withstand Voltage	500VAC 1min
绝缘阻抗 Insulation Resistance	500MΩ/500VDC
剥线长度 Stripping Length	7mm
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	35mm DIN

适用PLC Suitable PLC

KEYENCE	KV-1000 / KV-3000 / KV-5000 KV-H20S / KV-H40S
OMRON	CJ1W-ID231 / CJ1W-ID261 CJ1W-MD261(IN terminal) CJ1W-ID232 / CJ1W-ID262 CJ1W-MD263(IN terminal) CJ1W-MD563(IN terminal) CJ1W-OD231 / CJ1W-OD261 CJ1W-MD261(OUT terminal) CJ1W-OD232 / CJ1W-OD233 CJ1W-OD262 / CJ1W-OD263 CJ1W-MD263(OUT terminal) CJ1W-MD563(OUT terminal) CJ1M-CPU21 CJ1M-CPU22 CJ1M-CPU23
MITSUBISHI Qseries	Qx41 QX41-S1 Qx42 QX42-S1 Qx71 Qx72 QY41P QY42P Qy71 QH42P QD70P4 QD70P QD70D QD75M
Panasonic FP0, FPΣ, FP2 series	FP2-XT64D2T/P FP2-C1D FP2-X32D2 FP2-X64D2 FP2-32T/P FP2-Y64T/P FP2-XY64D2T/XY64D7T FP2-XY64D2P/XY64D7P FP2-PP21 FP2-PP22 FP2-PP41 FP2-PP42 FP2-HSCT FP2-PXYT
SIEMENS	40P Plug with a full range
Yokogawa PLCFA-M3 series	F3WD64-3N F3WD64-3F F3WD32-3F



DM72-IDC-50-50-4Y-00A(H)
DM50-IDC-50-50-4Y-00A(H)

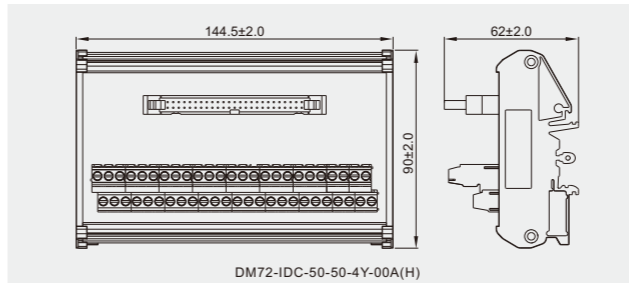
特点

- 本模组为50P IDC连接器——对应50P端子台。
- 可以用于连接所有带50P IDC连接器的PLC或控制器。
- 节省配线空间，时间和成本。
- 方便查修和维护。

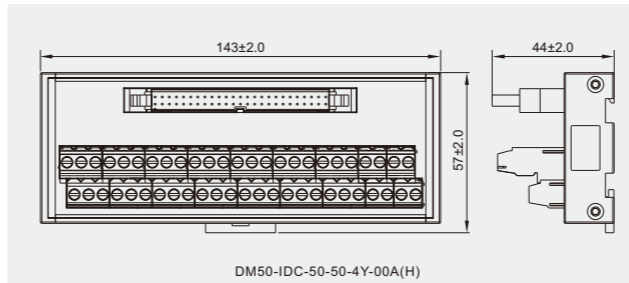
Features

- This module is 50P IDC connector corresponding to 50P terminal blocks.
- Can be used to connect all with 50P IDC connector PLC or controller.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

外形图 Dimensions

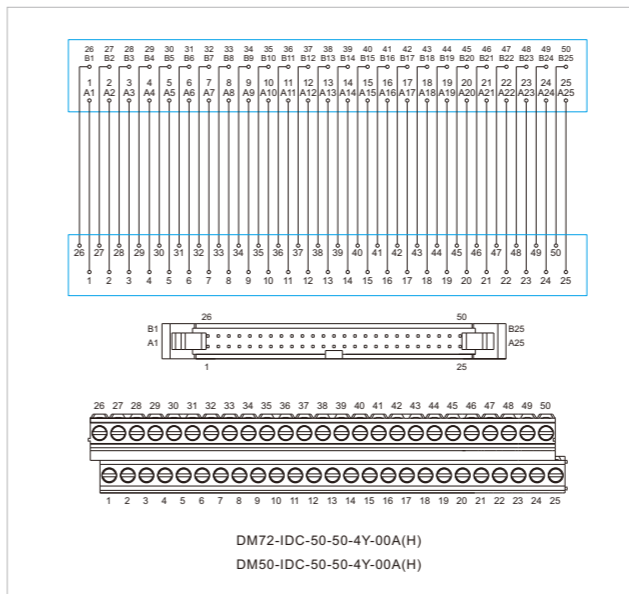


DM72-IDC-50-50-4Y-00A(H)



DM50-IDC-50-50-4Y-00A(H)

电路图 Circuit Diagram



DM72-IDC-50-50-4Y-00A(H)
DM50-IDC-50-50-4Y-00A(H)

性能参数 Performance Parameters

额定电流/电压 Rated Current/Voltage	1A/125VAC
耐电压 Withstand Voltage	500VAC 1min
绝缘阻抗 Insulation Resistance	500MΩ/500VDC
剥线长度 Stripping Length	7mm
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	35mm DIN

适用PLC Suitable PLC

—	—
---	---

关联产品 Related Products

—	—
---	---



DM50-IDC-20-20-4G-00A(H)

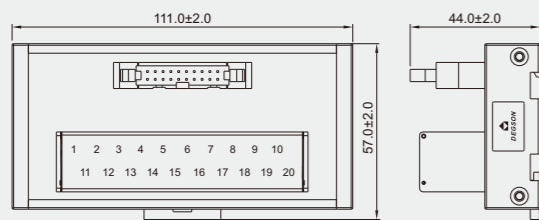
特点

- 本模组为20P IDC连接器——对应20P栅栏端子。
- 可以用于连接所有带20P IDC连接器的PLC或控制器。
- 节省配线空间，时间和成本。
- 方便查修和维护。

Features

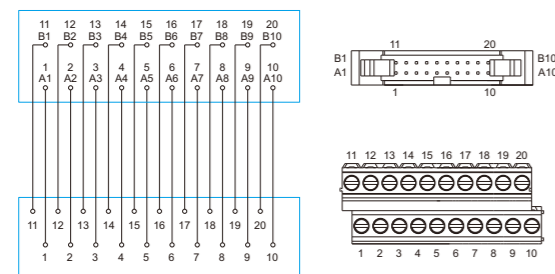
- This module is 20P IDC connector corresponding to 20P barrier terminal blocks.
- Can be used to connect all with 20P IDC connector PLC or controller.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

外形图 Dimensions



DM50-IDC-20-20-4G-00A(H)

电路图 Circuit Diagram



DM50-IDC-20-20-4G-00A(H)

性能参数 Performance Parameters

额定电流/电压 Rated Current/Voltage	1A/125VAC
耐电压 Withstand Voltage	500VAC 1min
绝缘阻抗 Insulation Resistance	500MΩ/500VDC
剥线长度 Stripping Length	7mm
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	4.43Lb-In
使用线径 Wire Range	22-14AWG
安装方式 Mounting	35mm DIN

适用PLC Suitable PLC

OMRON	CJ1W-MD232 CJ1W-MD233
MITSUBISHI Fxseries	FX1NC-16MT FX1NC-32MT FX2NC-16MT FX2NC-32MT FX3UC-32MT FX2NC-16EX FX2NC-16EX-C FX2NC-16EXL-C FX2NC-16EYT FX2NC-17EYT-C FX2N-10PG FX2N-10GM FX2N-20GM

关联产品 Related Products

DX200-2 DX210-2 DX218-1 DX220-3 DX218-9



DM50-IDC-40-40-4G-00A(H)

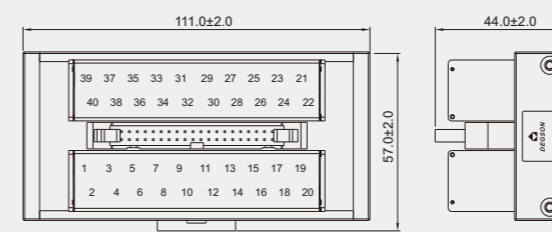
特点

- 本模组为40P IDC连接器——对应40P栅栏端子。
- 可以用于连接所有带40P IDC连接器的PLC或控制器。
- 节省配线空间，时间和成本。
- 方便查修和维护。

Features

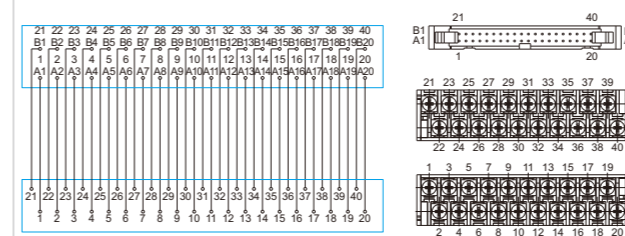
- This module is 40P IDC connector corresponding to 40P barrier terminal blocks.
- Can be used to connect all with 40P IDC connector PLC or controller.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

外形图 Dimensions



DM50-IDC-40-40-4G-00A(H)

电路图 Circuit Diagram



DM50-IDC-40-40-4G-00A(H)

关联产品 Related Products

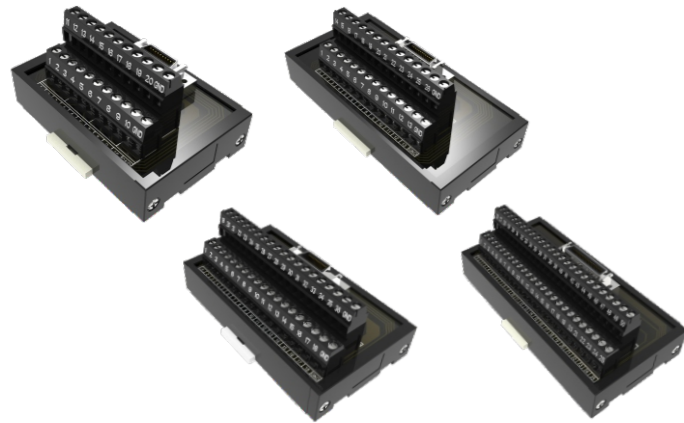
DX217-1 DX217-2 DX212-1 DX219-2 DX200-4
DX210-4 DX210-5

性能参数 Performance Parameters

额定电流/电压 Rated Current/Voltage	1A/125VAC
耐电压 Withstand Voltage	500VAC 1min
绝缘阻抗 Insulation Resistance	500MΩ/500VDC
剥线长度 Stripping Length	7mm
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	4.43Lb-In
使用线径 Wire Range	22-14AWG
安装方式 Mounting	35mm DIN

适用PLC Suitable PLC

KEYENCE	KV-1000 / KV-3000 / KV-5000 KV-H20S / KV-H40S
OMRON	CJ1W-ID231 / CJ1W-ID261 CJ1W-MD261(IN terminal) CJ1W-ID232 / CJ1W-ID262 CJ1W-MD263(IN terminal) CJ1W-MD563(IN terminal) CJ1W-OD231 / CJ1W-OD261 CJ1W-MD261(OUT terminal) CJ1W-OD232 / CJ1W-OD233 CJ1W-OD262 / CJ1W-OD263 CJ1W-MD263(OUT terminal) CJ1W-MD563(OUT terminal) CJ1M-CPU21 CJ1M-CPU22 CJ1M-CPU23
MITSUBISHI Qseries	Qx41 QX41-S1 Qx42 QX42-S1 Qx71 Qx72 QY41P QY42P Qy71 QH42P QD70P4 QD70P QD70D QD75M
Panasonic FP0, FPΣ FP2 series	FP2-XT64D2T/P FP2-C1D FP2-X32D2 FP2-X64D2 FP2-32T/P FP2-Y64T/P FP2-XY64D2T/XY64D7T FP2-XY64D2P/XY64D7P FP2-PP21 FP2-PP22 FP2-PP41 FP2-PP42 FP2-HSCT FP2-PXYT
SIEMENS	40P Plug with a full range
Yokogawa PLCFA-M3 series	F3WD64-3N F3WD64-3F F3WD32-3F



DM50-MDR-20-20-4Y-00A(H) DM50-MDR-26-26-4Y-00A(H)
DM50-MDR-36-36-4Y-00A(H) DM50-MDR-50-50-4Y-00A(H)

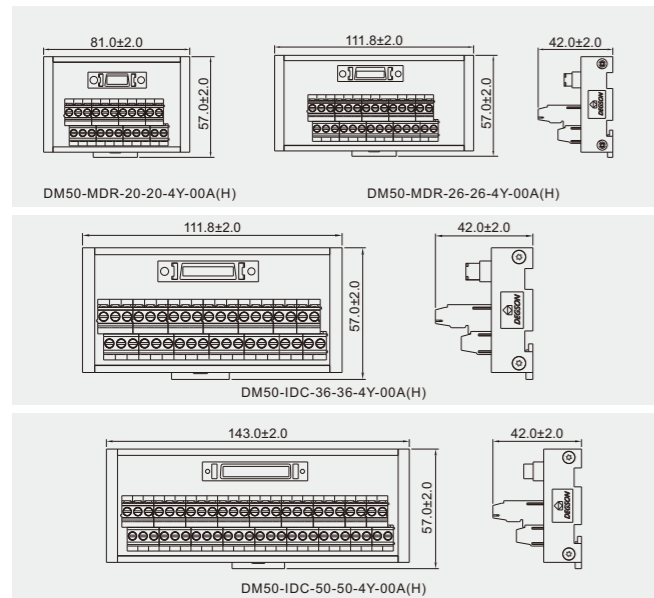
特点

- 本产品分为20、26、36、50位MDR分线器模组。
- 可直接应用于三菱、安川、松下、台达、三洋、AB等伺服驱动器的信号接口。
- 无需焊线，只需一对一管脚接线即可。
- 节省配线空间，时间和成本。
- 方便查修和维护。

Features

- Including 20P, 26P, 36P, 50P MDR Interface module.
- Can be directly used in Mitsubishi, Yaskawa, Panasonic, Delta, Sanyo, AB servo driver signal interface.
- No need for welding wire, just one to one pin wiring.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

外形图 Dimensions



性能参数 Performance Parameters

额定电流/电压 Rated Current/Voltage	1A/125VAC
耐电压 Withstand Voltage	500VAC 1min
绝缘阻抗 Insulation Resistance	500MΩ/500VDC
剥线长度 Stripping Length	7mm
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	35mm DIN

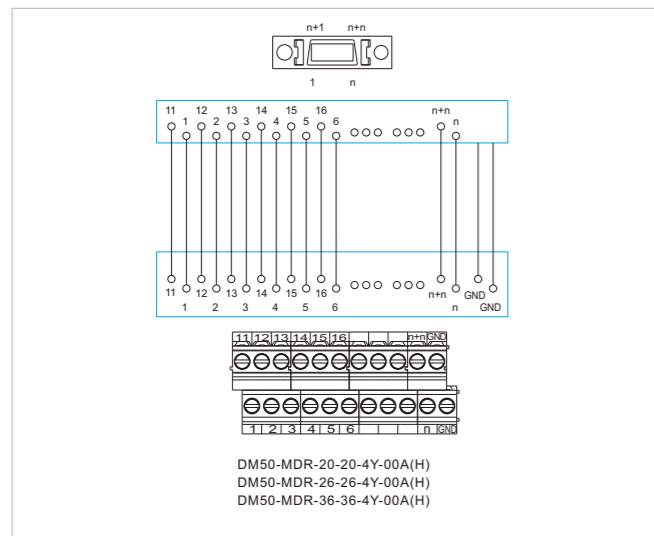
适用 Suitable

PANASONIC DELTA KEYENCE SANYO YASKWA AB FUJI MITSUBISHI

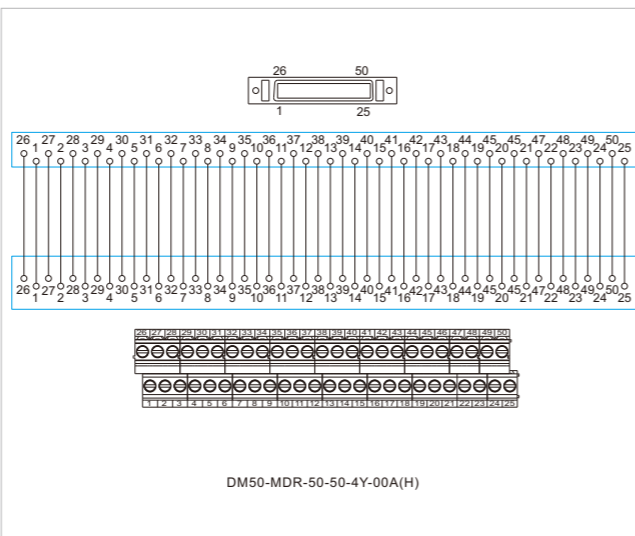
关联产品 Related Products

DX220-1 DX220-2 DX220-3

电路图 Circuit Diagram



电路图 Circuit Diagram



DM50-FCN-40-40-4Y-00A(H)

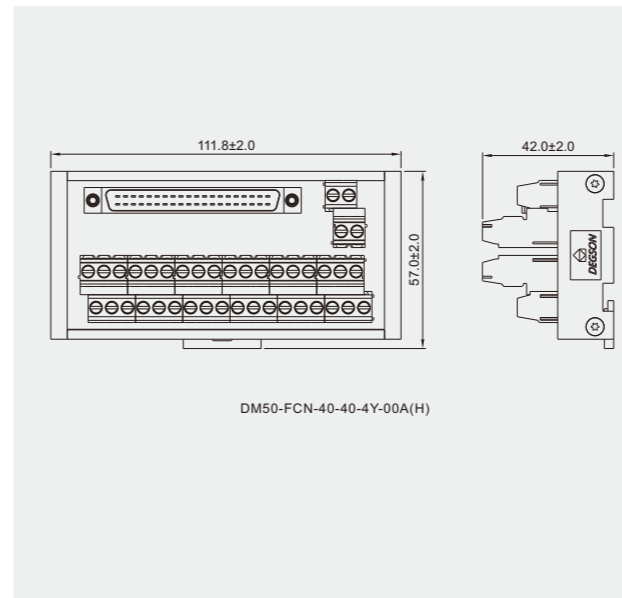
特点

- 本模组为40P FCN接口模组。
- 可以用于连接各种品牌伺服或PLC控制器。
- 节省配线空间，时间和成本。
- 方便查修和维护。

Features

- This module is 40P FCN Interface module.
- Can be used to connect various brands of servo or PLC controller.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

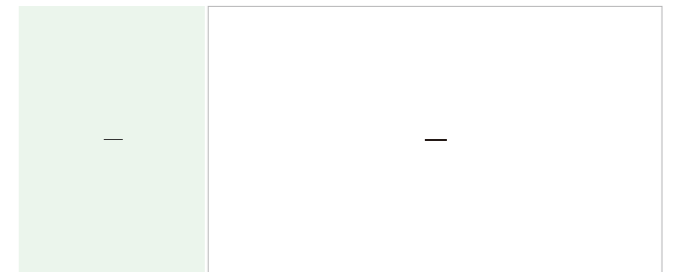
外形图 Dimensions



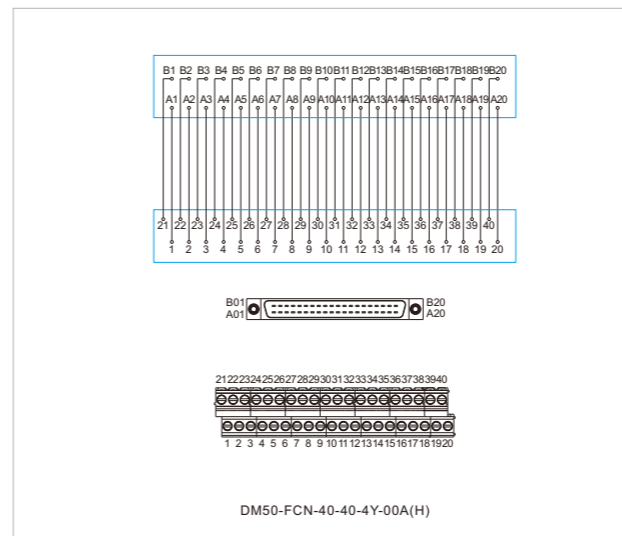
性能参数 Performance Parameters

额定电流/电压 Rated Current/Voltage	1A/125VAC
耐电压 Withstand Voltage	500VAC 1min
绝缘阻抗 Insulation Resistance	500MΩ/500VDC
剥线长度 Stripping Length	7mm
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	35mm DIN

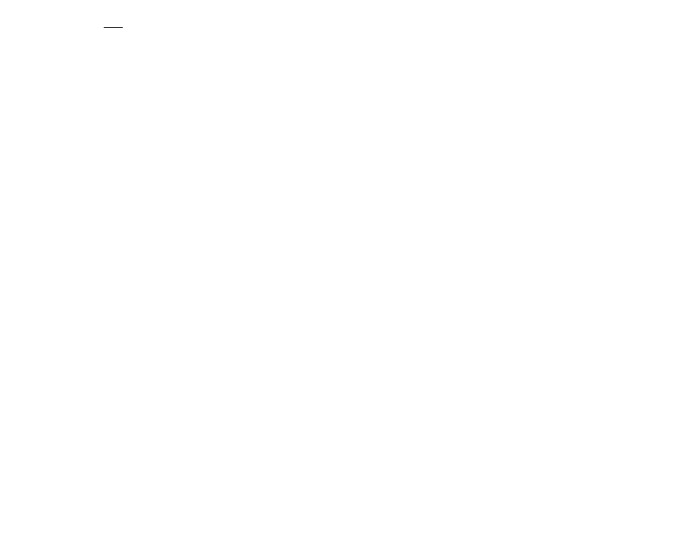
适用 PLC Suitable PLC



电路图 Circuit Diagram

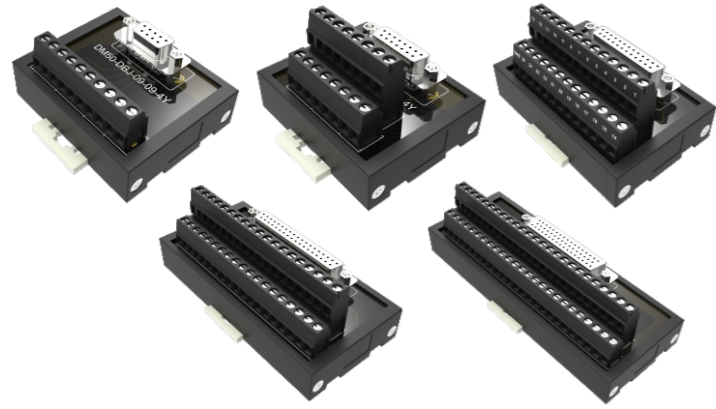


关联产品 Related Products



小型D-SUB母头接口模组 Small D-SUB Female Interface Module

CE ROHS



特点

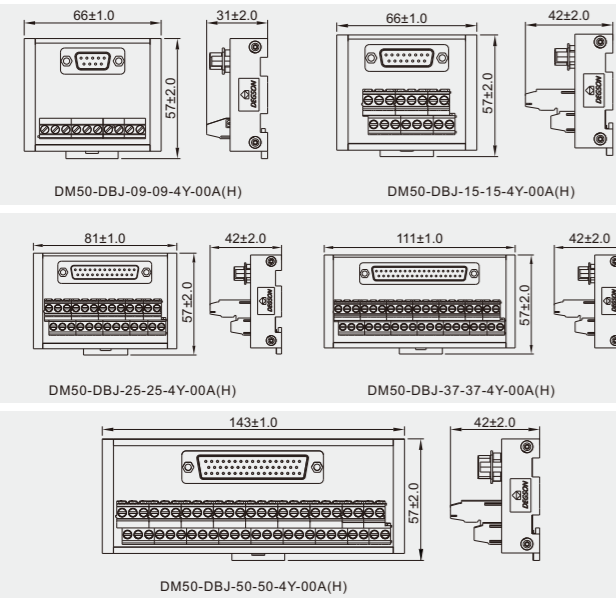
- 本产品为9芯、15芯、25芯、37芯、50芯D-SUB母头接口模组。
- 可以连接各种伺服驱动器、运动控制卡、触摸屏、数控系统等。
- 节省配线空间，时间和成本。
- 方便查修和维护。

Features

- Including 9P, 15P, 25P, 37P, 50P D-SUB female splitter.
- Can be connected to a variety of servo drivers, motion control CARDS, touch screens, CNC systems etc.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

DM50-DBJ-09-09-4Y-00A(H) DM50-DBJ-15-15-4Y-00A(H)
DM50-DBJ-25-25-4Y-00A(H) DM50-DBJ-37-37-4Y-00A(H)
DM50-DBJ-50-50-4Y-00A(H)

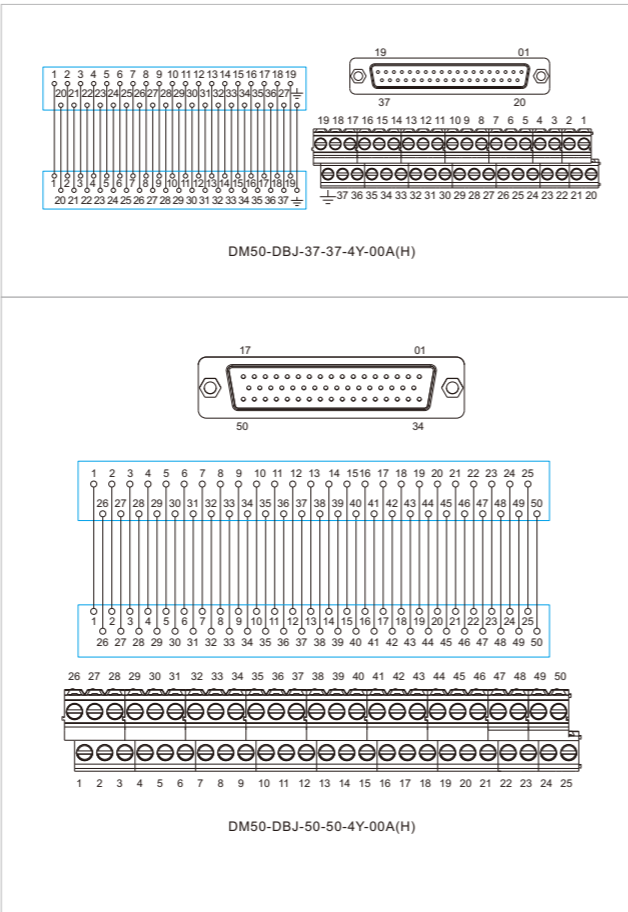
外形图 Dimensions



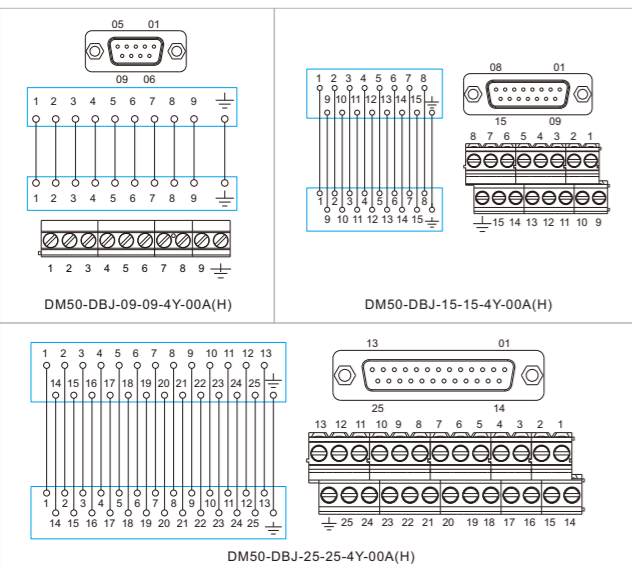
性能参数 Performance Parameters

额定电流/电压 Rated Current/Voltage	1A/125VAC
耐电压 Withstand Voltage	500VAC 1min
绝缘阻抗 Insulation Resistance	500MΩ/500VDC
剥线长度 Stripping Length	7mm
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	35mm DIN

电路图 Circuit Diagram

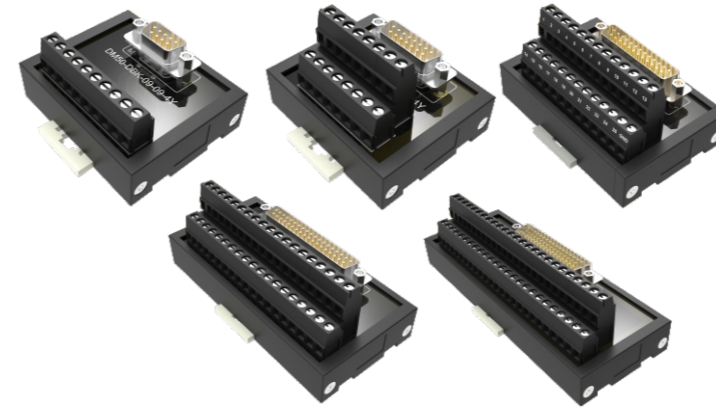


电路图 Circuit Diagram



小型D-SUB公头接口模组 Small D-SUB Male Interface Module

CE ROHS



特点

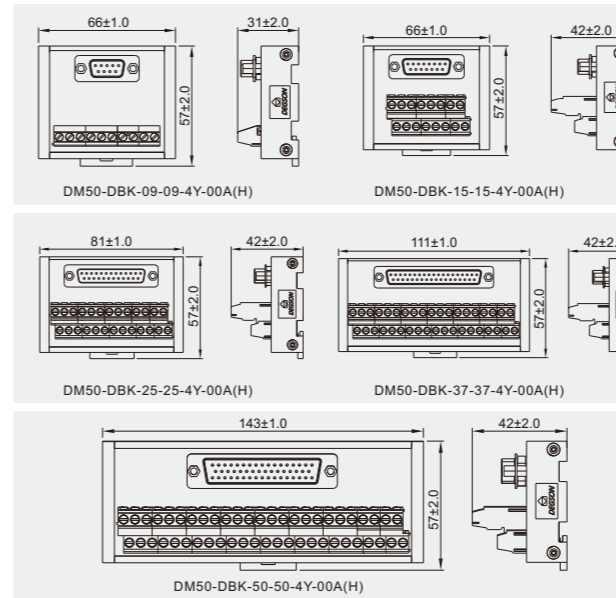
- 本产品为9芯、15芯、25芯、37芯、50芯D-SUB公头接口模组。
- 可以连接各种伺服驱动器、运动控制卡、触摸屏、数控系统等。
- 节省配线空间，时间和成本。
- 方便查修和维护。

Features

- Including 9P, 15P, 25P, 37P, 50P D-SUB male splitter.
- Can be connected to a variety of servo drivers, motion control CARDS, touch screens, CNC systems etc.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

DM50-DBK-09-09-4Y-00A(H) DM50-DBK-15-15-4Y-00A(H)
DM50-DBK-25-25-4Y-00A(H) DM50-DBK-37-37-4Y-00A(H)
DM50-DBK-50-50-4Y-00A(H)

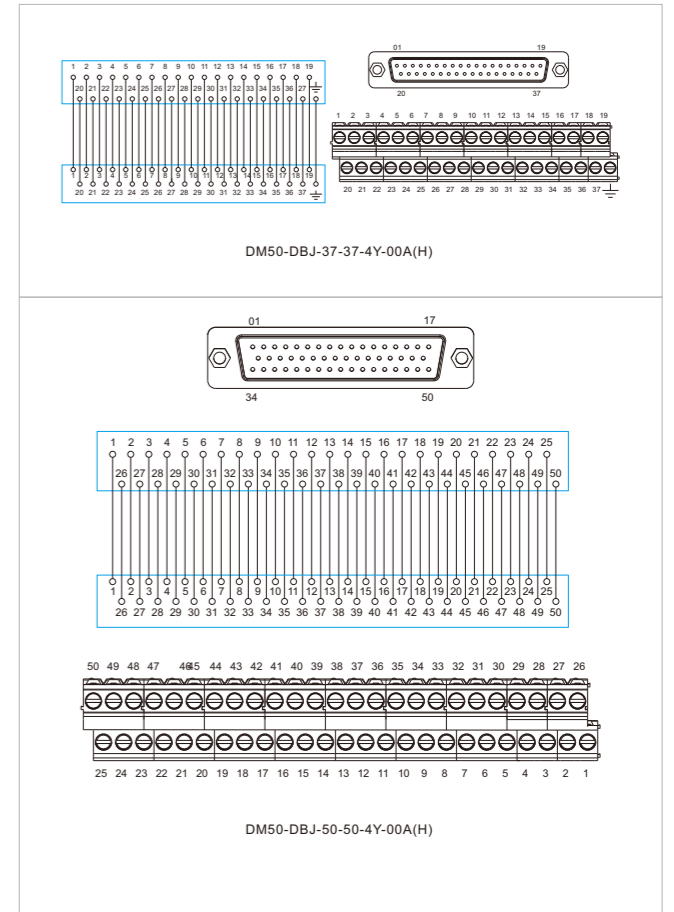
外形图 Dimensions



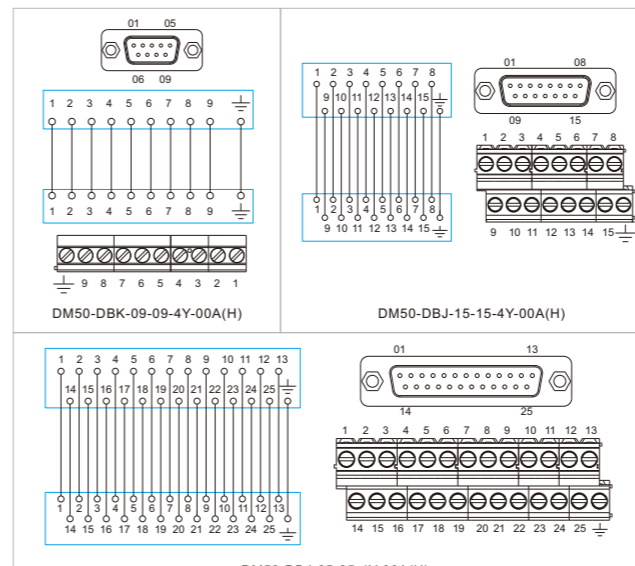
性能参数 Performance Parameters

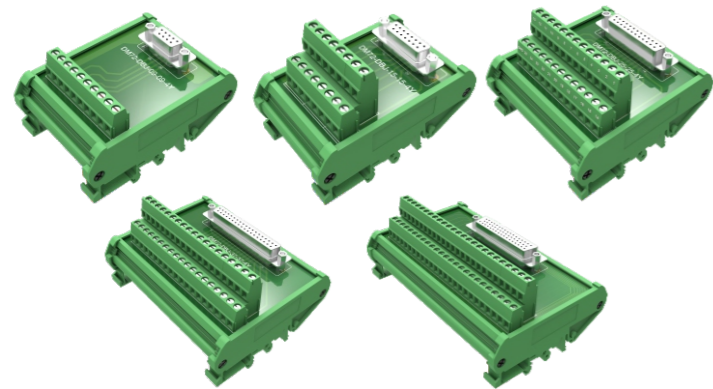
额定电流/电压 Rated Current/Voltage	1A/125VAC
耐电压 Withstand Voltage	500VAC 1min
绝缘阻抗 Insulation Resistance	500MΩ/500VDC
剥线长度 Stripping Length	7mm
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	35mm DIN

电路图 Circuit Diagram



电路图 Circuit Diagram





DM72-DBJ-09-09-4Y-00A(H) DM72-DBJ-15-15-4Y-00A(H)
DM72-DBJ-25-25-4Y-00A(H) DM72-DBJ-37-37-4Y-00A(H)
DM72-DBJ-50-50-4Y-00A(H)

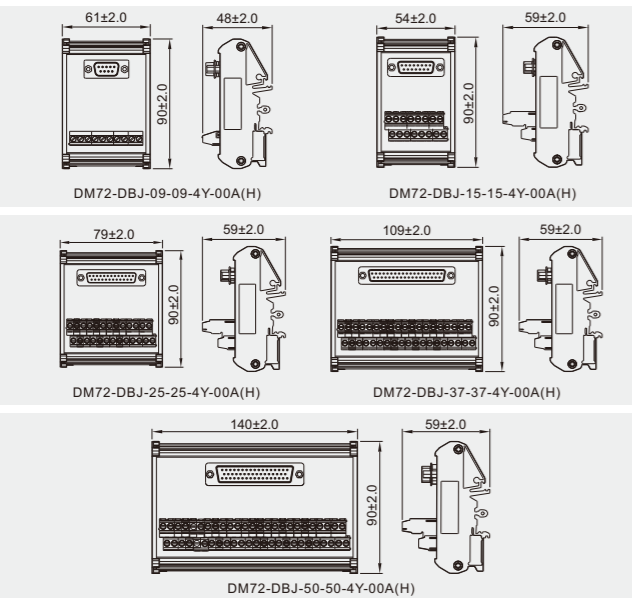
特点

- 本产品为9芯、15芯、25芯、37芯、50芯D-SUB母头接口模组。
- 可以连接各种伺服驱动器、运动控制卡、触摸屏、数控系统等。
- 节省配线空间，时间和成本。
- 方便查修和维护。

Features

- Including 9P, 15P, 25P, 37P, 50P D-SUB female splitter.
- Can be connected to a variety of servo drivers, motion control CARDS, touch screens, CNC systems etc.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

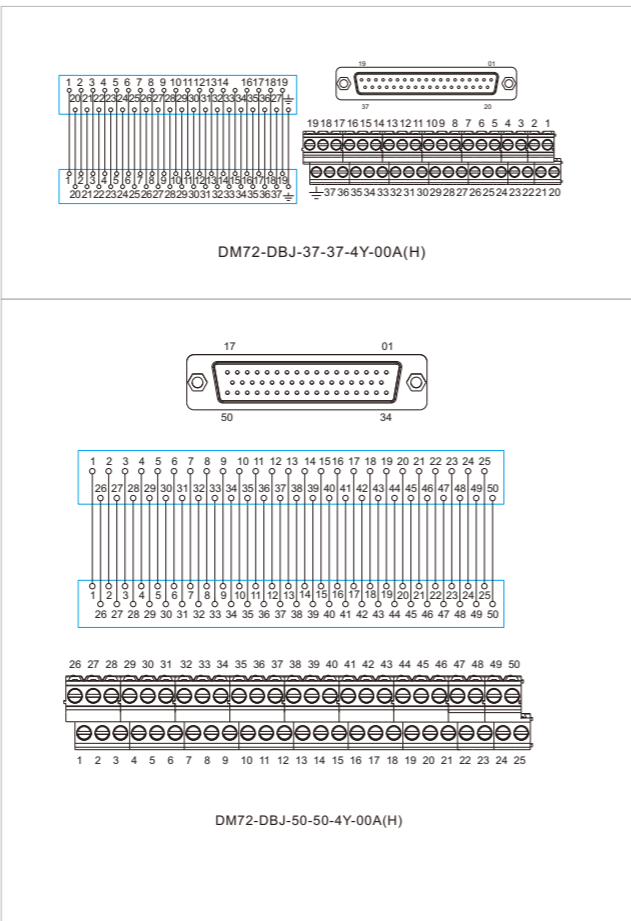
外形图 Dimensions



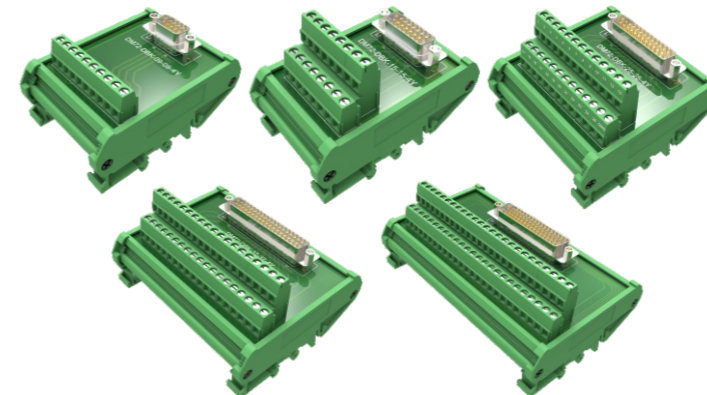
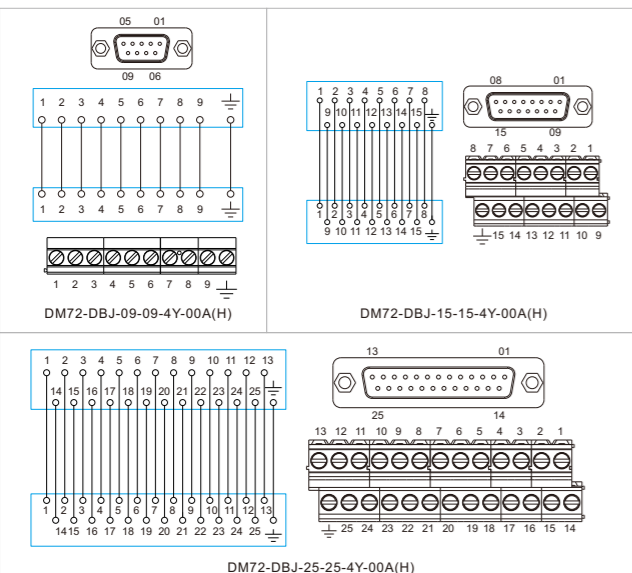
性能参数 Performance Parameters

额定电流/电压 Rated Current/Voltage	1A/125VAC
耐电压 Withstand Voltage	500VAC 1min
绝缘阻抗 Insulation Resistance	500MΩ/500VDC
剥线长度 Stripping Length	7mm
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	35mm DIN

电路图 Circuit Diagram



电路图 Circuit Diagram



DM72-DBK-09-09-4Y-00A(H) DM72-DBK-15-15-4Y-00A(H)
DM72-DBK-25-25-4Y-00A(H) DM72-DBK-37-37-4Y-00A(H)
DM72-DBK-50-50-4Y-00A(H)

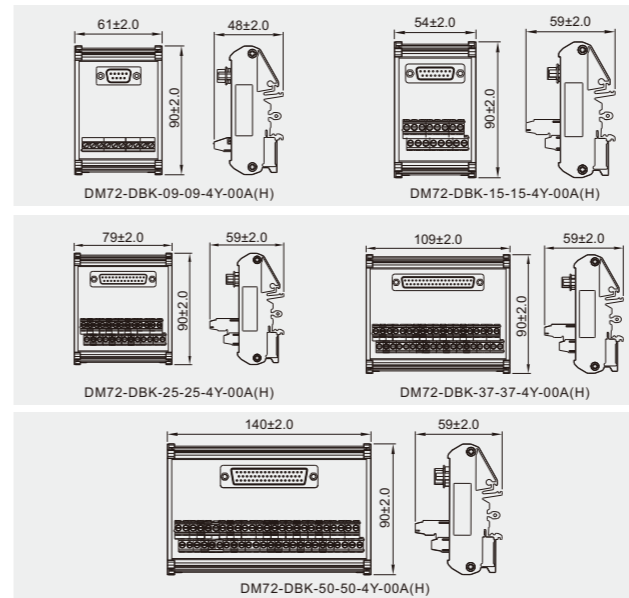
特点

- 本产品为9芯、15芯、25芯、37芯、50芯D-SUB公头接口模组。
- 可以连接各种伺服驱动器、运动控制卡、触摸屏、数控系统等。
- 节省配线空间，时间和成本。
- 方便查修和维护。

Features

- Including 9P, 15P, 25P, 37P, 50P D-SUB male splitter.
- Can be connected to a variety of servo drivers, motion control CARDS, touch screens, CNC systems etc.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

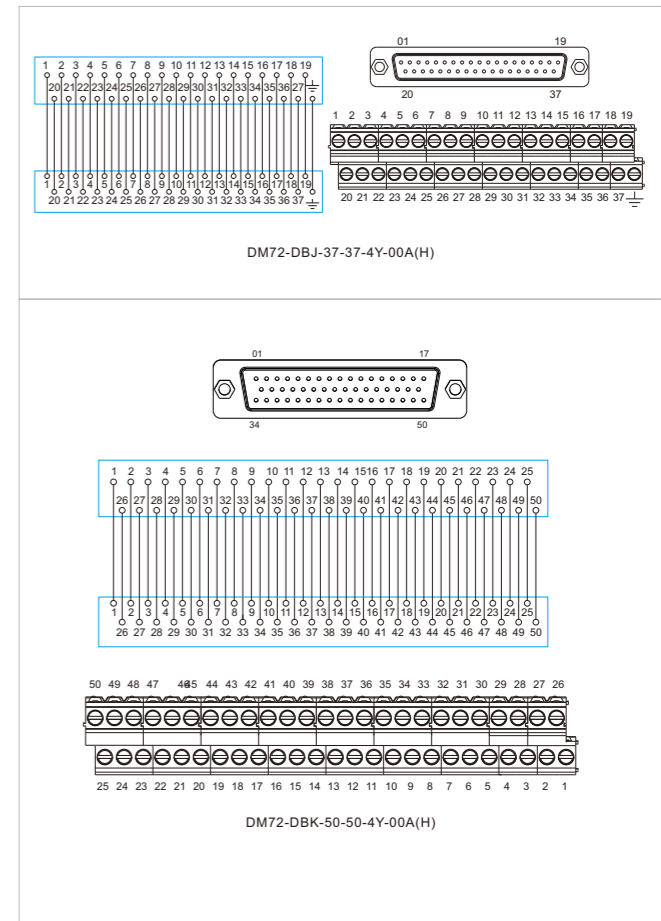
外形图 Dimensions



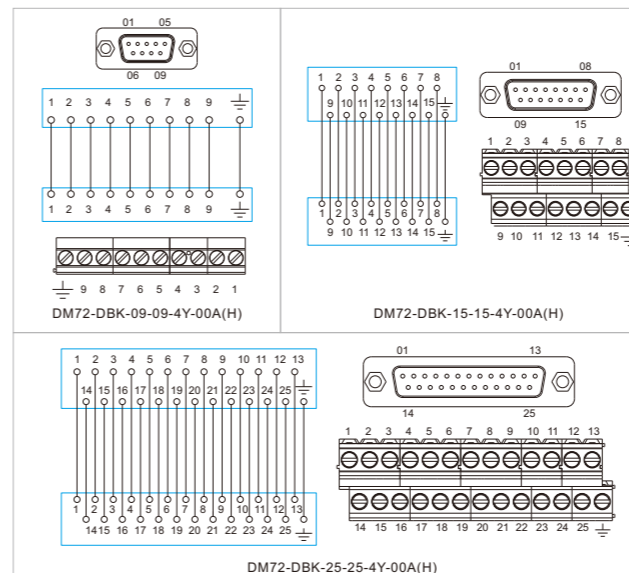
性能参数 Performance Parameters

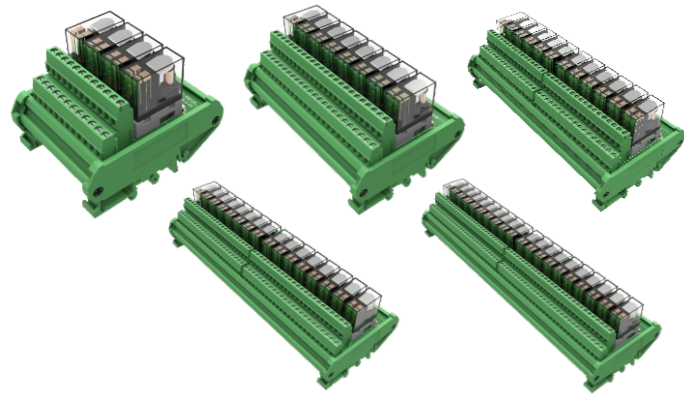
额定电流/电压 Rated Current/Voltage	1A/125VAC
耐电压 Withstand Voltage	500VAC 1min
绝缘阻抗 Insulation Resistance	500MΩ/500VDC
剥线长度 Stripping Length	7mm
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	35mm DIN

电路图 Circuit Diagram



电路图 Circuit Diagram





DM72-RM-04-PN-4-44-11A(H) DM72-RM-08-PN-4-44-11A(H)
DM72-RM-12-PN-4-44-11A(H) DM72-RM-16-PN-4-44-11A(H)
DM72-RM-20-PN-4-44-11A(H)

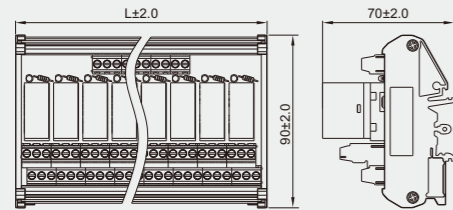
特点

- 本模组提供4、8、12、16、20位独立继电器回路。
- 适用于NPN, PNP型控制器。
- 继电器采用2C/O节点, 输出端一对一输出。
- 节省配线空间, 时间和成本。
- 方便查修和维护。

Features

- Including 4, 8, 12, 16, 20 bit independent relay circuits.
- Applicable to NPN, PNP controller.
- The relay adopts 2C/O node and 1 to 1 output of the output end.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

外形图 Dimensions

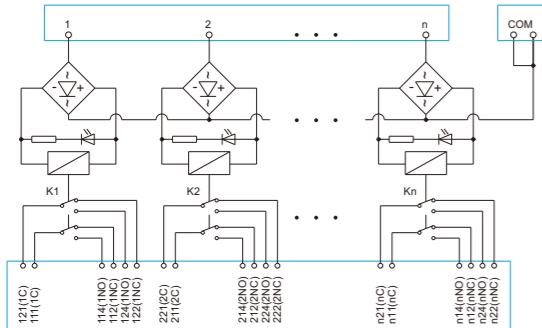


型号 P/N	长L * 宽W * 高H mm
DM72-RM-04-PN-4-44-11A(H)	72 * 90 * 70
DM72-RM-08-PN-4-44-11A(H)	133 * 90 * 70
DM72-RM-12-PN-4-44-11A(H)	198 * 90 * 70
DM72-RM-16-PN-4-44-11A(H)	258 * 90 * 70
DM72-RM-20-PN-4-44-11A(H)	319 * 90 * 70

性能参数 Performance Parameters

耐电压 Withstand Voltage	500VAC 50Hz (1min)
绝缘阻抗 Insulation Resistance	1000MQ/500VDC
线圈电压 Coil Voltage	24VDC
负载电压 Load Voltage	30VDC/240VAC
负载电流 Load Current	5A
负载类型 Load Type	2NO + 2NC
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	TS-15 TS-32 TS-35

电路图 Circuit Diagram



DM72-RM-04-PN-4-44-11A(H) DM72-RM-08-PN-4-44-11A(H)
DM72-RM-12-PN-4-44-11A(H) DM72-RM-16-PN-4-44-11A(H)
DM72-RM-20-PN-4-44-11A(H)

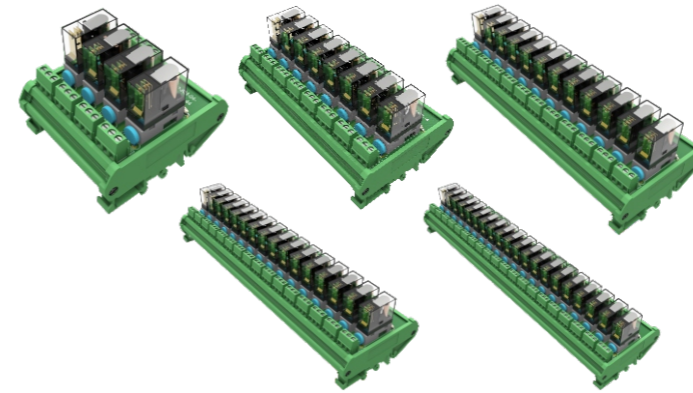
继电器型号 Relay P/N

欧姆龙继电器P/N: G2R-2 24VDC, 继电器为消耗品, 若寿命用尽可用同规格继电器更换。
Omron relay P/N: G2R-2 24VDC, the relay is consumable, if the service life of the same specification relay replacement.

- ◎ 使用前请确认输出接点容量, 请勿超出其范围。
- ◎ Please confirm the output contact capacity before use, do not exceed its scope.

接线方式 Wiring Method

- 通过端子台一对一接线输入控制信号。
- 控制信号为NPN时(低信号输入), COM端接24V。
- 控制信号为PNP时(高信号输入), COM端接0V。
- Input control signal through 1 to 1 wiring of terminal block.
- When the control signal is NPN (low signal input), connect COM to 24V.
- When the control signal is PNP (high signal input), connect COM to 0V.



DM72-RM-04-PN-2-44-101A(H) DM72-RM-08-PN-2-44-101A(H)
DM72-RM-12-PN-2-44-101A(H) DM72-RM-16-PN-2-44-101A(H)
DM72-RM-20-PN-2-44-101A(H)

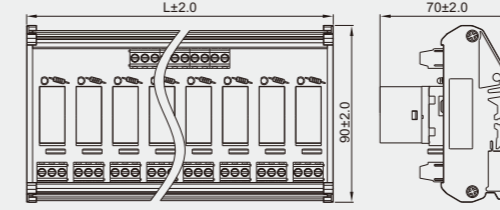
特点

- 本模组提供4、8、12、16、20位独立继电器回路。
- 适用于NPN, PNP型控制器。
- 继电器采用1C/O节点, 输出端一对一输出。
- 节省配线空间, 时间和成本。
- 方便查修和维护。

Features

- Including 4, 8, 12, 16, 20 bit independent relay circuits.
- Applicable to NPN, PNP controller.
- The relay adopts 1C/O node and 1 to 1 output of the output end.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

外形图 Dimensions

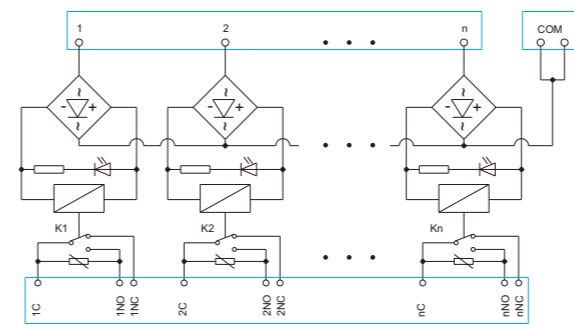


型号 P/N	长L * 宽W * 高H mm
DM72-RM-04-PN-2-44-101A(H)	81.5 * 90 * 70
DM72-RM-08-PN-2-44-101A(H)	156 * 90 * 70
DM72-RM-12-PN-2-44-101A(H)	230 * 90 * 70
DM72-RM-16-PN-2-44-101A(H)	305 * 90 * 70
DM72-RM-20-PN-2-44-101A(H)	380 * 90 * 70

性能参数 Performance Parameters

耐电压 Withstand Voltage	500VAC 50Hz (1min)
绝缘阻抗 Insulation Resistance	1000MQ/500VDC
线圈电压 Coil Voltage	24VDC
负载电压 Load Voltage	30VDC/240VAC
负载电流 Load Current	16A
负载类型 Load Type	1NO + 1NC
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	TS-15 TS-32 TS-35

电路图 Circuit Diagram



DM72-RM-04-PN-2-44-101A(H) DM72-RM-08-PN-2-44-101A(H)
DM72-RM-12-PN-2-44-101A(H) DM72-RM-16-PN-2-44-101A(H)
DM72-RM-20-PN-2-44-101A(H)

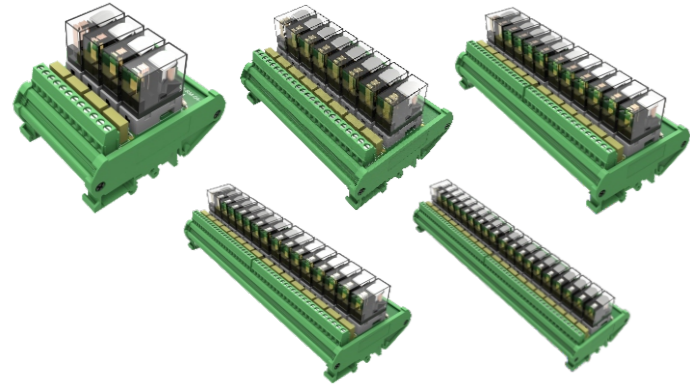
继电器型号 Relay P/N

欧姆龙继电器P/N: G2R-1-E 24VDC, 继电器为消耗品, 若寿命用尽可用同规格继电器更换。
Omron relay P/N: G2R-1-E 24VDC, the relay is consumable, if the service life of the same specification relay replacement.

- ◎ 使用前请确认输出接点容量, 请勿超出其范围。
- ◎ Please confirm the output contact capacity before use, do not exceed its scope.

接线方式 Wiring Method

- 通过端子台一对一接线输入控制信号。
- 控制信号为NPN时(低信号输入), COM端接24V。
- 控制信号为PNP时(高信号输入), COM端接0V。
- Input control signal through 1 to 1 wiring of terminal block.
- When the control signal is NPN (low signal input), connect COM to 24V.
- When the control signal is PNP (high signal input), connect COM to 0V.



特点

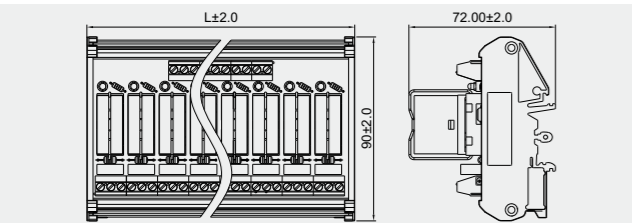
- 本模组提供4、8、12、16、20位独立继电器回路。
- 适用于NPN, PNP型控制器。
- 继电器采用1C/O节点, 输出端一对一输出。
- 节省配线空间, 时间和成本。
- 方便查修和维护。

Features

- Including 4, 8, 12, 16, 20 bit independent relay circuits.
- Applicable to NPN, PNP controller.
- The relay adopts 1C/O node and 1 to 1 output of the output end.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

DM72-RM-04-PN-2-44-11A(H) DM72-RM-08-PN-2-44-11A(H)
DM72-RM-12-PN-2-44-11A(H) DM72-RM-16-PN-2-44-11A(H)
DM72-RM-20-PN-2-44-11A(H)

外形图 Dimensions

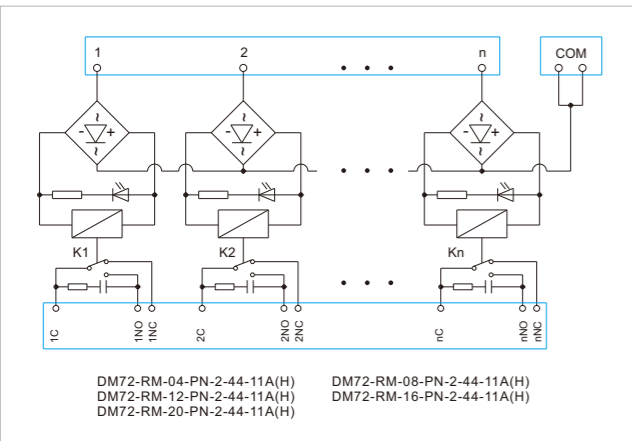


型号 P/N	长L * 宽W * 高H mm
DM72-RM-04-PN-2-44-11A(H)	70 * 90 * 70
DM72-RM-08-PN-2-44-11A(H)	131 * 90 * 70
DM72-RM-12-PN-2-44-11A(H)	194 * 90 * 70
DM72-RM-16-PN-2-44-11A(H)	255 * 90 * 70
DM72-RM-20-PN-2-44-11A(H)	316 * 90 * 70

性能参数 Performance Parameters

耐电压 Withstand Voltage	500VAC 50Hz (1min)
绝缘阻抗 Insulation Resistance	1000MQ/500VDC
线圈电压 Coil Voltage	24VDC
负载电压 Load Voltage	30VDC/240VAC
负载电流 Load Current	10A
负载类型 Load Type	1NO + 1NC
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	TS-15 TS-32 TS-35

电路图 Circuit Diagram



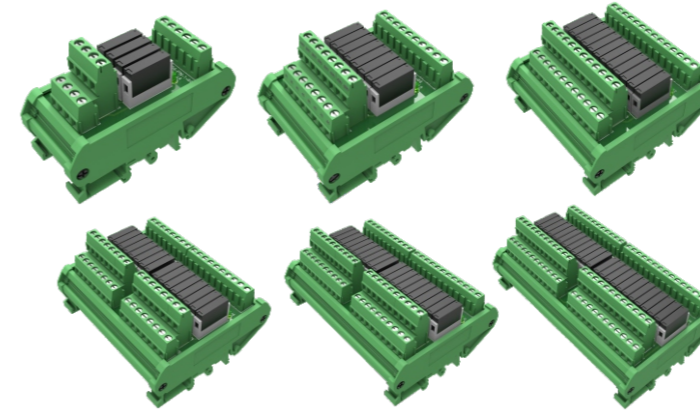
继电器型号 Relay P/N

欧姆龙继电器P/N: G2R-1 24VDC, 继电器为消耗品, 若寿命用尽可用同规格继电器更换。
Omron relay P/N: G2R-1 24VDC, the relay is consumable, if the service life of the same specification relay replacement.

- ◎ 使用前请确认输出接点容量, 请勿超出其范围。
- ◎ Please confirm the output contact capacity before use, do not exceed its scope.

接线方式 Wiring Method

- 通过端子台一对一接线输入控制信号。
- 控制信号为NPN时(低信号输入), COM端接24V。
- 控制信号为PNP时(高信号输入), COM端接0V。
- Input control signal through 1 to 1 wiring of terminal block.
- When the control signal is NPN (low signal input), connect COM to 24V.
- When the control signal is PNP (high signal input), connect COM to 0V.



特点

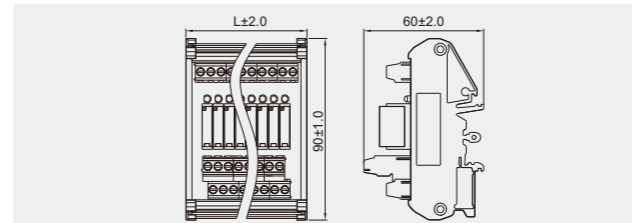
- 本模组提供4、8、12、16、20、24位独立继电器回路。
- 适用于NPN, PNP型控制器。
- 继电器采用1N/O节点, 输出端一对一输出。
- 节省配线空间, 时间和成本。
- 方便查修和维护。

Features

- Including 4, 8, 12, 16, 20, 24 bit independent relay circuits.
- Applicable to NPN, PNP controller.
- The relay adopts 1N/O node and 1 to 1 output of the output end.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

DM72-RMUS-04-PN-1-44-00A(H) DM72-RMUS-08-PN-1-44-00A(H)
DM72-RMUS-12-PN-1-44-00A(H) DM72-RMUS-16-PN-1-44-00A(H)
DM72-RMUS-20-PN-1-44-00A(H) DM72-RMUS-24-PN-1-44-00A(H)

外形图 Dimensions

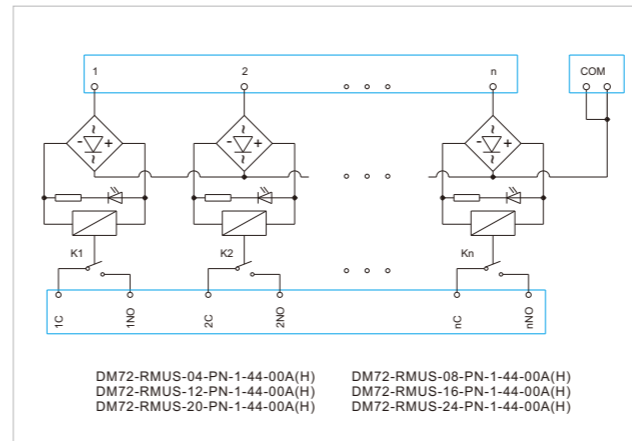


型号 P/N	长L * 宽W * 高H mm
DM72-RMUS-04-PN-1-44-00A(H)	40 * 90 * 60
DM72-RMUS-08-PN-1-44-00A(H)	60 * 90 * 60
DM72-RMUS-12-PN-1-44-00A(H)	80 * 90 * 60
DM72-RMUS-16-PN-1-44-00A(H)	103 * 90 * 60
DM72-RMUS-20-PN-1-44-00A(H)	123 * 90 * 60
DM72-RMUS-24-PN-1-44-00A(H)	145 * 90 * 60

性能参数 Performance Parameters

耐电压 Withstand Voltage	500VAC 50Hz (1min)
绝缘阻抗 Insulation Resistance	1000MQ/500VDC
线圈电压 Coil Voltage	24VDC
负载电压 Load Voltage	30VDC/240VAC
负载电流 Load Current	5A
负载类型 Load Type	1NO
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	TS-15 TS-32 TS-35

电路图 Circuit Diagram



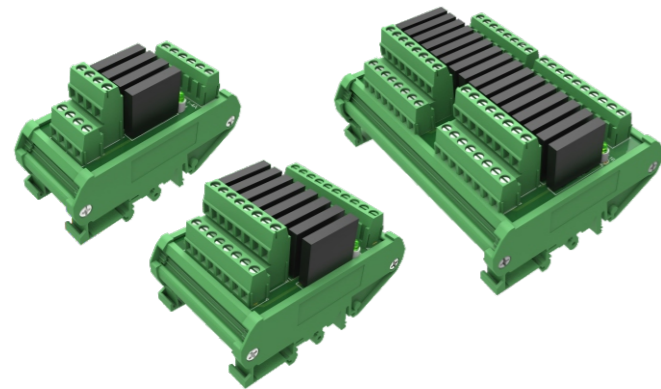
继电器型号 Relay P/N

松下继电器P/N: APAN3124, 继电器为消耗品, 若寿命用尽可用同规格继电器更换。
Panasonic relay P/N: APAN3124, the relay is consumable, if the service life of the same specification relay replacement.

- ◎ 使用前请确认输出接点容量, 请勿超出其范围。
- ◎ Please confirm the output contact capacity before use, do not exceed its scope.

接线方式 Wiring Method

- 通过端子台一对一接线输入控制信号。
- 控制信号为NPN时(低信号输入), COM端接24V。
- 控制信号为PNP时(高信号输入), COM端接0V。
- Input control signal through 1 to 1 wiring of terminal block.
- When the control signal is NPN (low signal input), connect COM to 24V.
- When the control signal is PNP (high signal input), connect COM to 0V.



DM72-RME-04-PN-1-4A-00A(H)
DM72-RME-08-PN-1-4A-00A(H)
DM72-RME-16-PN-1-4A-00A(H)

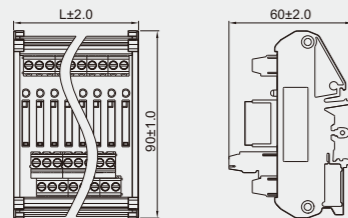
特点

- 本模组提供4、8、16位独立固态继电器回路。
- 适用于NPN, PNP型控制器。
- 继电器采用1N/O节点, 输出端一对一输出。
- MOS管输出, 无机械触点。
- 节省配线空间, 时间和成本。
- 方便检修和维护。

Features

- Including 4, 8, 16 bit independent Solid State relay circuits.
- Applicable to NPN, PNP controller.
- The relay adopts 1N/O node and 1 to 1 output of the output end.
- MOS tube output, no mechanical contact.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

外形图 Dimensions

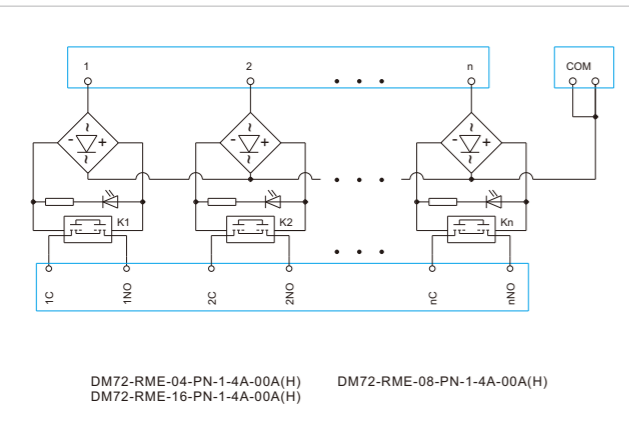


型号 P/N	长L * 宽W * 高H mm
DM72-RME-04-PN-1-4A-00A(H)	40 * 90 * 60
DM72-RME-08-PN-1-4A-00A(H)	62 * 90 * 60
DM72-RME-16-PN-1-4A-00A(H)	117 * 90 * 60

性能参数 Performance Parameters

输入电压 Input Voltage	20VDC~28VDC
最大负载电流 Maximum Load Current	2A
浪涌导通电流 Surge Conducts Current	30A(60Hz 1周期)
开路状态漏电流 Open state leakage current	1.5mA以下
负载电压(峰值AC) Load voltage (peak AC)	75~264VAC
动作时间 Actuation Time	1ms以下
复位时间 Reset Time	1/2周期 + 1ms以下
绝缘电阻 Insulation Resistance	1000MQ/500VDC
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	TS-15 TS-32 TS-35

电路图 Circuit Diagram



DM72-RME-04-PN-1-4A-00A(H) DM72-RME-08-PN-1-4A-00A(H)
DM72-RME-16-PN-1-4A-00A(H)

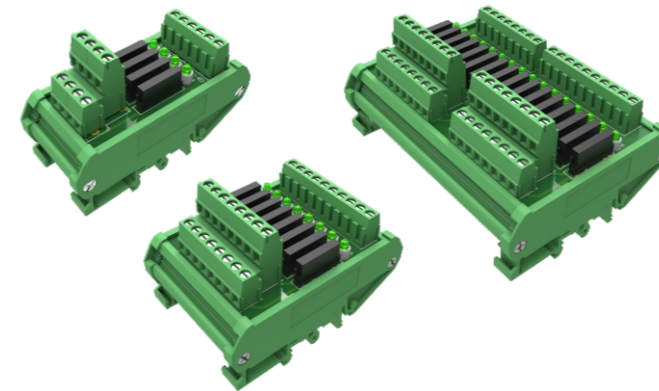
继电器型号 Relay P/N

松下继电器P/N: AQG22224
Panasonic relay P/N: AQG22224

- ◎ 使用前请确认输出接点容量, 请勿超出其范围。
- ◎ Please confirm the output contact capacity before use, do not exceed its scope.

接线方式 Wiring Method

- 通过1~n输入控制信号。
- 控制信号为NPN时(低信号输入), COM端接24V。
- 控制信号为PNP时(高信号输入), COM端接0V。
- Input control signal through 1~n.
- When the control signal is NPN (low signal input), connect COM to 24V.
- When the control signal is PNP (high signal input), connect COM to 0V.



DM72-RME-04-PN-1-4D-00A(H)
DM72-RME-08-PN-1-4D-00A(H)
DM72-RME-16-PN-1-4D-00A(H)

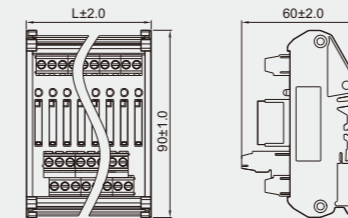
特点

- 本模组提供4、8、16位独立固态继电器回路。
- 适用于NPN, PNP型控制器。
- 继电器采用1N/O节点, 输出端一对一输出。
- MOS管输出, 无机械触点, 输出端交直流通用。
- 节省配线空间, 时间和成本。
- 方便检修和维护。

Features

- Including 4, 8, 16 bit independent Solid State relay circuits.
- Applicable to NPN, PNP controller.
- The relay adopts 1N/O node and 1 to 1 output of the output end.
- MOS tube output, no mechanical contact, AC/DC Universal Output.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

外形图 Dimensions

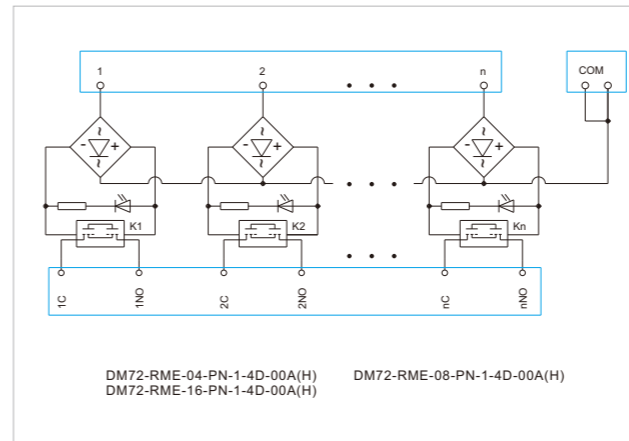


型号 P/N	长L * 宽W * 高H mm
DM72-RME-04-PN-1-4D-00A(H)	40 * 90 * 60
DM72-RME-08-PN-1-4D-00A(H)	62 * 90 * 60
DM72-RME-16-PN-1-4D-00A(H)	117 * 90 * 60

性能参数 Performance Parameters

输入电压 Input Voltage	20VDC~28VDC
输入允许损耗 Input Allowable Loss	75mW
最大负载电流 Maximum Load Current	3A
峰值负载电流 Peak Load Current	9A(100ms)
开路状态漏电流 Open state leakage current	10uA
负载电压(峰值AC) Load voltage (peak AC)	60VAC/60VDC
输出损耗 Output Loss	1.6W
动作时间 Actuation Time	平均2.46ms 最大5.64ms
复位时间 Reset Time	平均0.22ms 最大3.0ms
最大通断频率 Highest Frequency	0.5次/S 0.5times/S
绝缘电阻 Insulation Resistance	1000MQ/500VDC
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	TS-15 TS-32 TS-35

电路图 Circuit Diagram



DM72-RME-04-PN-1-4D-00A(H) DM72-RME-08-PN-1-4D-00A(H)
DM72-RME-16-PN-1-4D-00A(H)

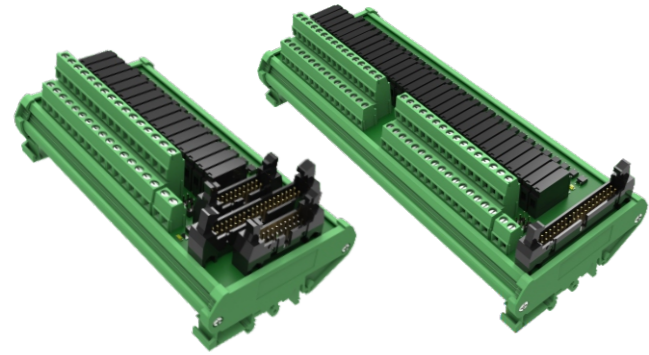
继电器型号 Relay P/N

松下继电器P/N: AQZ202
Panasonic relay P/N: AQZ202

- ◎ 使用前请确认输出接点容量, 请勿超出其范围。
- ◎ Please confirm the output contact capacity before use, do not exceed its scope.

接线方式 Wiring Method

- 通过1~n输入控制信号。
- 控制信号为NPN时(低信号输入), COM端接24V。
- 控制信号为PNP时(高信号输入), COM端接0V。
- Input control signal through 1~n.
- When the control signal is NPN (low signal input), connect COM to 24V.
- When the control signal is PNP (high signal input), connect COM to 0V.



DM72-RMUS-16-PN-1-4M-00A(H)
DM72-RMUS-32-PN-1-4M-00A(H)

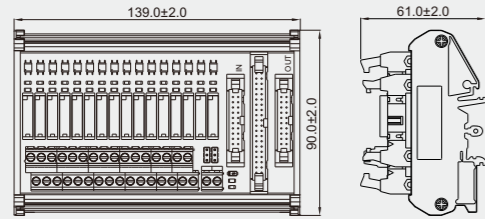
特点

- 本模组提供16、32位独立继电器回路。
- NPN, PNP通过跳线切换。
- 继电器采用1NO节点, 输出端一对一输出。
- 节省配线空间, 时间和成本。
- 方便查修和维护。

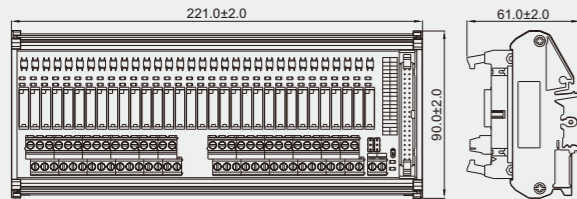
Features

- Including 16, 32 bit independent relay circuits.
- Switch NPN, PNP through jumper.
- The relay adopts 1NO node, and the output terminal outputs one to one.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

外形图 Dimensions

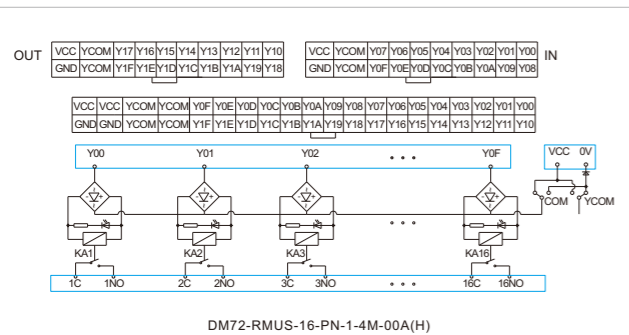


DM72-RMUS-16-PN-1-4M-00A(H)

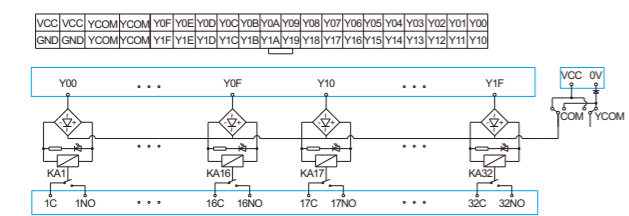


DM72-RMUS-32-PN-1-4M-00A(H)

电路图 Circuit Diagram



DM72-RMUS-16-PN-1-4M-00A(H)



DM72-RMUS-32-PN-1-4M-00A(H)

性能参数 Performance Parameters

耐电压 Withstand Voltage	500VAC 50Hz (1min)
绝缘阻抗 Insulation Resistance	1000MQ/500VDC
线圈电压 Coil Voltage	24VDC
负载电压 Load Voltage	30VDC/240VAC
负载电流 Load Current	5A
负载类型 Load Type	1NO
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	TS-15 TS-32 TS-35
继电器品牌和型号 Relay Brand and Type	Panasonic APAN3124

适用PLC Suitable PLC

MITSUBISHI Qseries	FX1NC-16MT/32MT	QY41P/QY42P
	FX2NC-16MT/32MT/64MT/96MT	QY71P/QH42P
	FX3UC-16MT/32MT/64MT/96MT	LY41NT1P/LY42NT1P

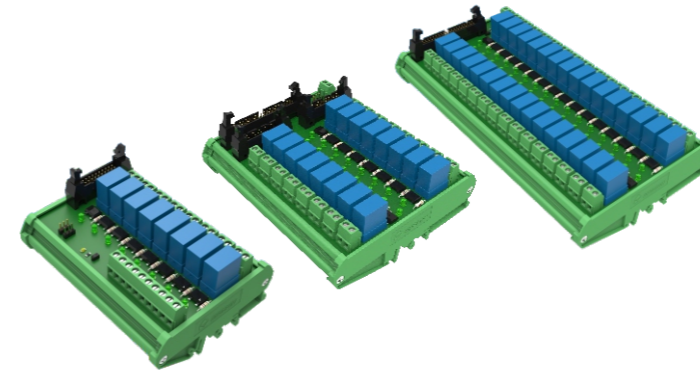
关联产品 Related Products

DX210-2 DX210-4

接线方式 Wiring Method

- 在断电情况下, 将0V接至端子台“0V”, 将24V接至端子台“VCC”。
- 40P排线插入40芯连接器或20P排线插入20P“IN”处。
- 控制信号的两种连接方式任选一种, 请勿重复接线。
- 控制信号为NPN时, 将COM与VCC短接。
- 控制信号为PNP时, 将COM与0V短接。
- YCOM用于控制A3、B3、A4和B4的电压, 用户可以根据自己的需求短接。
- Make sure to power off first, connect 0V to the terminal "0V" and 24V to the terminal "VCC".
- 40P row insert 40 core connector or Insert 20P row wires 20P "IN".
- Choose one from two kinds of control signal connection methods, do not repeat wiring.
- When the control signal is NPN, short-circuit COM and VCC.
- When the control signal is PNP, short-circuit COM and 0V.
- YCOM is used to control the voltage of A3, B3, A4 and B4. Users can make short connection according to their own requirements.

- 在断电情况下, 将0V接至端子台“0V”, 将24V接至端子台“VCC”。
- 控制信号为NPN时, 将COM与VCC短接。
- 控制信号为PNP时, 将COM与0V短接。
- YCOM用于控制A3、B3、A4和B4的电压, 用户可以根据自己的需求短接。
- Make sure to power off first, connect 0V to the terminal "0V" and 24V to the terminal "VCC".
- When the control signal is NPN, short-circuit COM and VCC.
- When the control signal is PNP, short-circuit COM and 0V.
- YCOM is used to control the voltage of A3, B3, A4 and B4. Users can make short connection according to their own requirements.



DM72-RMS-08-PN-1-4M-00A(H)
DM108-RMS-16-PN-1-4M-00A(H)
DM108-RMS-32-PN-1-4M-00A(H)

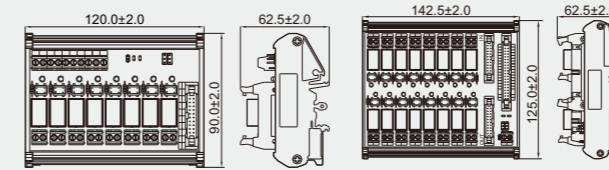
特点

- 本模组提供8、16、32位独立继电器回路。
- NPN, PNP通过跳线切换。
- 继电器采用1N/O节点, 输出端一对一输出。
- 节省配线空间, 时间和成本。
- 方便查修和维护。

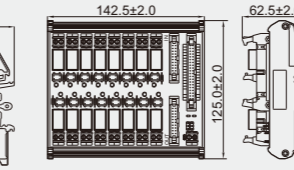
Features

- Including 8, 16, 32 bit independent relay circuits.
- Switch NPN, PNP through jumper.
- The relay adopts 1N/O node, and the output terminal outputs one to one.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

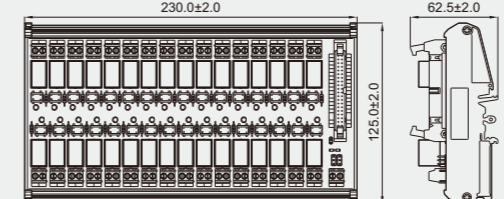
外形图 Dimensions



DM72-RMS-08-PN-1-4M-00A(H)

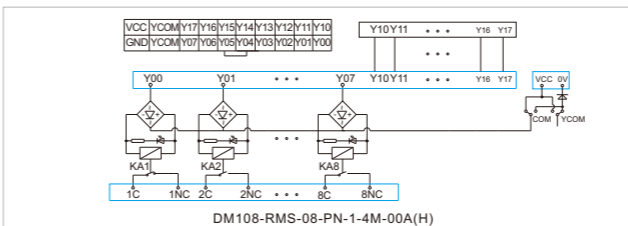


DM108-RMS-16-PN-1-4M-00A(H)

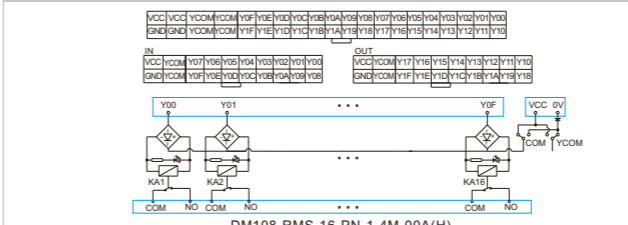


DM108-RMS-32-PN-1-4M-00A(H)

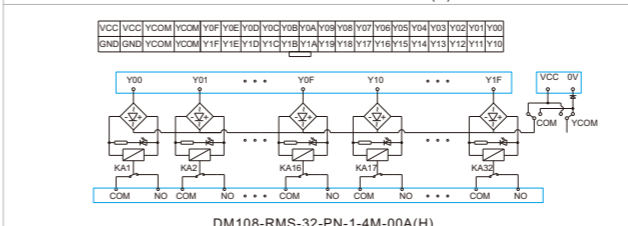
电路图 Circuit Diagram



DM108-RMS-08-PN-1-4M-00A(H)



DM108-RMS-16-PN-1-4M-00A(H)



DM108-RMS-32-PN-1-4M-00A(H)

性能参数 Performance Parameters

耐电压 Withstand Voltage	500VAC 50Hz (1min)
绝缘阻抗 Insulation Resistance	1000MQ/500VDC
线圈电压 Coil Voltage	24VDC
负载电压 Load Voltage	30VDC/240VAC
负载电流 Load Current	10A
负载类型 Load Type	1NO
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	TS-15 TS-32 TS-35
继电器品牌和型号 Relay Brand and Type	TE OJE-SS-124HM

适用PLC Suitable PLC

MITSUBISHI Qseries	FX1NC-16MT/32MT	QY41P/QY42P
	FX2NC-16MT/32MT/64MT/96MT	QY71P/QH42P
	FX3UC-16MT/32MT/64MT/96MT	LY41NT1P/LY42NT1P

关联产品 Related Products

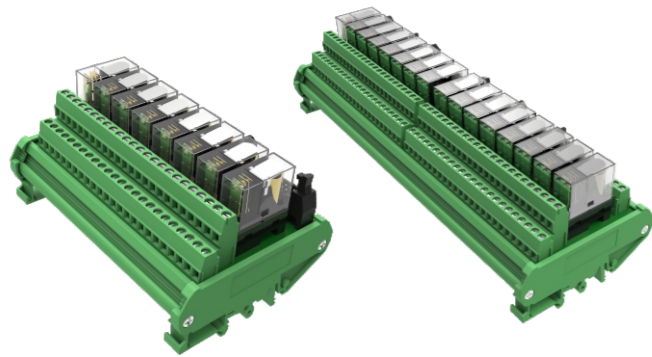
DX210-2 DX210-4

接线方式 Wiring Method

- 在断电情况下, 将0V接至端子台“0V”, 将24V接至端子台“VCC”。
- 20P排线插入20芯连接器处。
- 控制信号的两种连接方式任选一种, 请勿重复接线。
- 控制信号为NPN时, 将COM与VCC短接。
- 控制信号为PNP时, 将COM与0V短接。
- YCOM用于控制A2、B2的电压, 用户可以根据自己的需求短接。
- Make sure to power off first, connect 0V to the terminal "0V" and 24V to the terminal "VCC".
- 20P row wires inserted into 20 core connectors.
- Control signal of two kinds of connection, do not repeat wiring.
- When the control signal is NPN, short-circuit COM and VCC.
- When the control signal is PNP, short-circuit COM and 0V.
- YCOM is used to control the voltage of A3, B2. Users can make short connection according to their own requirements.

- 在断电情况下, 将0V接至端子台“0V”, 将24V接至端子台“VCC”。
- 40P排线插入40芯连接器或20P排线插入20P“IN”处。
- 控制信号的两种连接方式任选一种, 请勿重复接线。
- 控制信号为NPN时, 将COM与VCC短接。
- 控制信号为PNP时, 将COM与0V短接。
- YCOM用于控制A3、B3、A4和B4的电压, 用户可以根据自己的需求短接。
- Make sure to power off first, connect 0V to the terminal "0V" and 24V to the terminal "VCC".
- 40P row insert 40 core connector or Insert 20P row wires 20P "IN".
- Control signal of two kinds of connection, do not repeat wiring.
- When the control signal is NPN, short-circuit COM and VCC.
- When the control signal is PNP, short-circuit COM and 0V.
- YCOM is used to control the voltage of A3, B3, A4 and B4. Users can make short connection according to their own requirements.

- 在断电情况下, 将0V接至端子台“0V”, 将24V接至端子台“VCC”。
- 控制信号为NPN时, 将COM与VCC短接。
- 控制信号为PNP时, 将COM与0V短接。
- YCOM用于控制A3、B3、A4和B4的电压, 用户可以根据自己的需求短接。
- Make sure to power off first, connect 0V to the terminal "0V" and 24V to the terminal "VCC".
- When the control signal is NPN, short-circuit COM and VCC.
- When the control signal is PNP, short-circuit COM and 0V.
- YCOM is used to control the voltage of A3, B3, A4 and B4. Users can make short connection according to their own requirements.



DM72-RM-08-PN-4-4M-01A(H)
DM72-RM-16-PN-4-4M-01A(H)

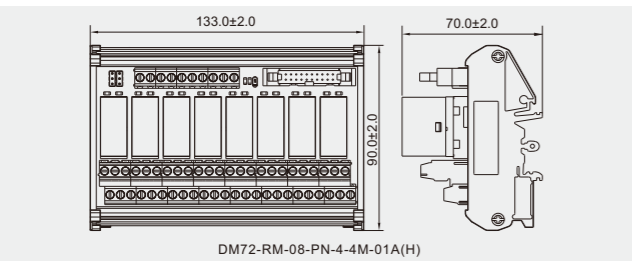
特点

- 本模组提供8、16位独立继电器回路。
- NPN, PNP通过跳线切换。
- 继电器采用2NO/2NC节点, 输出端一对一输出。
- 节省配线空间, 时间和成本。
- 方便查修和维护。

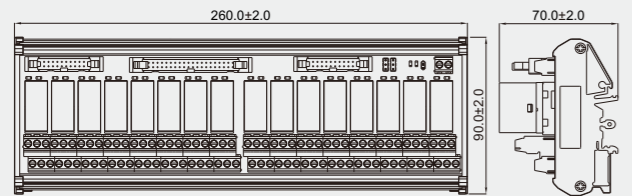
Features

- This module provides 8, 16 bit independent relay circuits.
- Switch NPN,PNP through jumper.
- The relay adopts 2NO/2NC node, and the output terminal outputs one to one.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

外形图 Dimensions

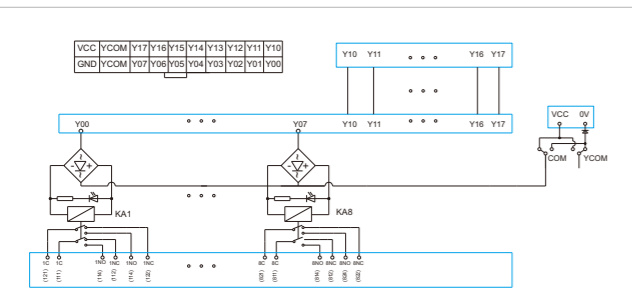


DM72-RM-08-PN-4-4M-01A(H)

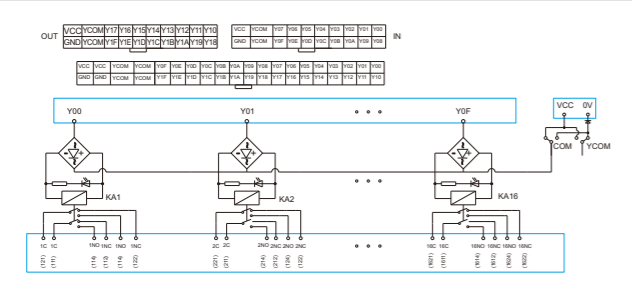


DM72-RM-16-PN-4-4M-01A(H)

电路图 Circuit Diagram



DM72-RM-08-PN-4-4M-01A(H)



DM72-RM-16-PN-4-4M-01A(H)

性能参数 Performance Parameters

耐电压 Withstand Voltage	500VAC 50Hz (1min)
绝缘阻抗 Insulation Resistance	1000MQ/500VDC
线圈电压 Coil Voltage	24VDC
负载电压 Load Voltage	30VDC/240VAC
负载电流 Load Current	5A
负载类型 Load Type	2NO/2NC
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	TS-15 TS-32 TS-35
继电器品牌和型号 Relay Brand and Type	OMRON G2R-2

适用PLC Suitable PLC

MITSUBISHI Qseries	FX1NC-16MT/32MT	QY41P/QY42P
	FX2NC-16MT/32MT/64MT/96MT	QY71P/QH42P
	FX3UC-16MT/32MT/64MT/96MT	LY41NT1P/LY42NT1P

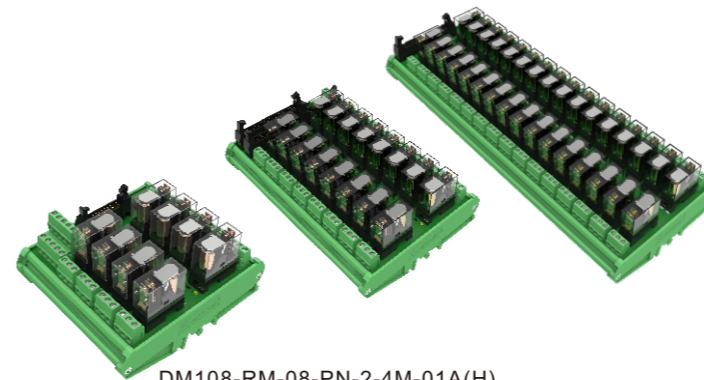
关联产品 Related Products

DX210-2 DX210-4

接线方式 Wiring Method

- 在断电情况下, 将0V接至端子台"0V", 将24V接至端子台"VCC".
- 20P排线插入20芯连接器处。
- 控制信号的两种连接方式任选一种, 请勿重复接线。
- 控制信号为NPN时, 将COM与VCC短接。
- 控制信号为PNP时, 将COM与0V短接。
- YCOM用于控制A2、B2的电压, 用户可以根据自己的需求短接。
- Make sure to power off first, connect 0V to the terminal "0V" and 24V to the terminal "VCC".
- 20P row wires inserted into 20 core connectors.
- Control signal of two kinds of connection, do not repeat wiring.
- When the control signal is NPN, short-circuit COM and VCC.
- When the control signal is PNP, short-circuit COM and 0V.
- YCOM is used to control the voltage of A3, B2. Users can make short connection according to their own requirements.

- 在断电情况下, 将0V接至端子台"0V", 将24V接至端子台"VCC".
- 40P排线插入40芯连接器处或20P排线插入20P "IN"处。
- 控制信号的两种连接方式任选一种, 请勿重复接线。
- 控制信号为NPN时, 将COM与VCC短接。
- 控制信号为PNP时, 将COM与0V短接。
- YCOM用于控制A3、B3、A4和B4的电压, 用户可以根据自己的需求短接。
- Make sure to power off first, connect 0V to the terminal "0V" and 24V to the terminal "VCC".
- 40P row insert 40 core connector or Insert 20P row wires 20P "IN".
- Control signal of two kinds of connection, do not repeat wiring.
- When the control signal is NPN, short-circuit COM and VCC.
- When the control signal is PNP, short-circuit COM and 0V.
- YCOM is used to control the voltage of A3, B3, A4 and B4. Users can make short connection according to their own requirements.



DM108-RM-08-PN-2-4M-01A(H)
DM108-RM-16-PN-2-4M-01A(H)
DM108-RM-32-PN-2-4M-01A(H)

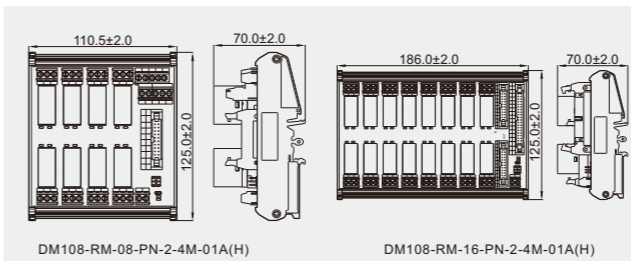
特点

- 本模组提供8、16、32位独立继电器回路。
- NPN, PNP通过跳线切换。
- 继电器采用1NO/1NC节点, 输出端一对一输出。
- 节省配线空间, 时间和成本。
- 方便查修和维护。

Features

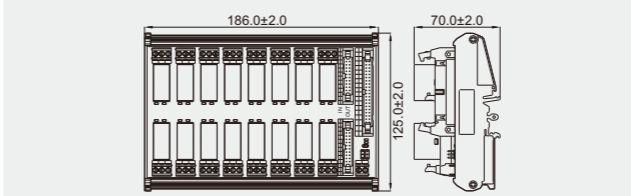
- This module provides 8, 16, 32 bit independent relay circuits.
- Switch NPN,PNP through jumper.
- The relay adopts 1NO/1NC node, and the output terminal outputs one to one.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

外形图 Dimensions



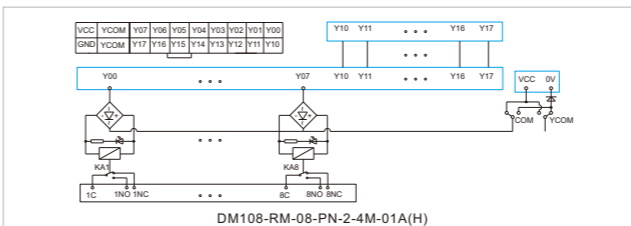
DM108-RM-08-PN-2-4M-01A(H)

DM108-RM-16-PN-2-4M-01A(H)

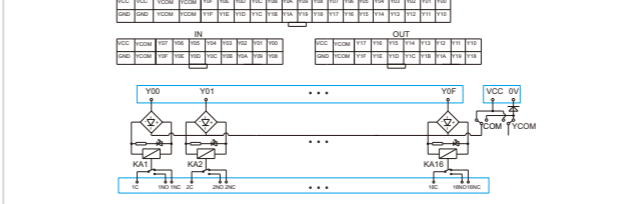


DM108-RM-32-PN-2-4M-01A(H)

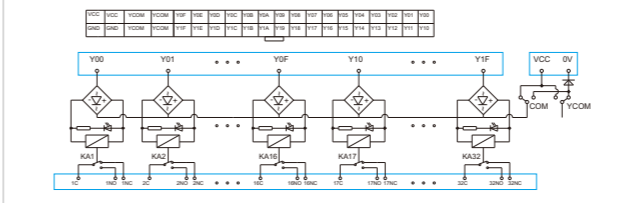
电路图 Circuit Diagram



DM108-RM-08-PN-2-4M-01A(H)



DM108-RM-16-PN-2-4M-01A(H)



DM108-RM-32-PN-2-4M-01A(H)

性能参数 Performance Parameters

耐电压 Withstand Voltage	500VAC 50Hz (1min)
绝缘阻抗 Insulation Resistance	1000MQ/500VDC
线圈电压 Coil Voltage	24VDC
负载电压 Load Voltage	30VDC/240VAC
负载电流 Load Current	16A
负载类型 Load Type	1NO + 1NC
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	TS-15 TS-32 TS-35
继电器品牌和型号 Relay Brand and Type	OMRON G2R-1-E

适用PLC Suitable PLC

MITSUBISHI Qseries	FX1NC-16MT/32MT	QY41P/QY42P
	FX2NC-16MT/32MT/64MT/96MT	QY71P/QH42P
	FX3UC-16MT/32MT/64MT/96MT	LY41NT1P/LY42NT1P

关联产品 Related Products

DX210-2 DX210-4

接线方式 Wiring Method

- 在断电情况下, 将0V接至端子台"0V", 将24V接至端子台"VCC".
- 20P排线插入20芯连接器处。
- 控制信号的两种连接方式任选一种, 请勿重复接线。
- 控制信号为NPN时, 将COM与VCC短接。
- 控制信号为PNP时, 将COM与0V短接。
- YCOM用于控制A2、B2的电压, 用户可以根据自己的需求短接。
- Make sure to power off first, connect 0V to the terminal "0V" and 24V to the terminal "VCC".
- 20P row wires inserted into 20 core connectors.
- Control signal of two kinds of connection, do not repeat wiring.
- When the control signal is NPN, short-circuit COM and VCC.
- When the control signal is PNP, short-circuit COM and 0V.
- YCOM is used to control the voltage of A3, B2. Users can make short connection according to their own requirements.

- 在断电情况下, 将0V接至端子台"0V", 将24V接至端子台"VCC".
- 40P排线插入40芯连接器处或20P排线插入20P "IN"处。
- 控制信号的两种连接方式任选一种, 请勿重复接线。
- 控制信号为NPN时, 将COM与VCC短接。
- 控制信号为PNP时, 将COM与0V短接。
- YCOM用于控制A3、B3、A4和B4的电压, 用户可以根据自己的需求短接。
- Make sure to power off first, connect 0V to the terminal "0V" and 24V to the terminal "VCC".
- 40P row insert 40 core connector or Insert 20P row wires 20P "IN".
- Control signal of two kinds of connection, do not repeat wiring.
- When the control signal is NPN, short-circuit COM and VCC.
- When the control signal is PNP, short-circuit COM and 0V.
- YCOM is used to control the voltage of A3, B3, A4 and B4. Users can make short connection according to their own requirements.

- 在断电情况下, 将0V接至端子台"0V", 将24V接至端子台"VCC".
- 控制信号为NPN时, 将COM与VCC短接。
- 控制信号为PNP时, 将COM与0V短接。
- YCOM用于控制A3、B3、A4和B4的电压, 用户可以根据自己的需求短接。
- Make sure to power off first, connect 0V to the terminal "0V" and 24V to the terminal "VCC".
- When the control signal is NPN, short-circuit COM and VCC.
- When the control signal is PNP, short-circuit COM and 0V.
- YCOM is used to control the voltage of A3, B3, A4 and B4. Users can make short connection according to their own requirements.