

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

宁波高松电子有限公司  
 ISO9001 ISO14001 ISO80079-34 IATF16949

**DEGSON 高松**  
圆形连接器

宁波高松电子有限公司  
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**DEGSON 高松**  
重载连接器

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**DEGSON 高松**  
充电连接器

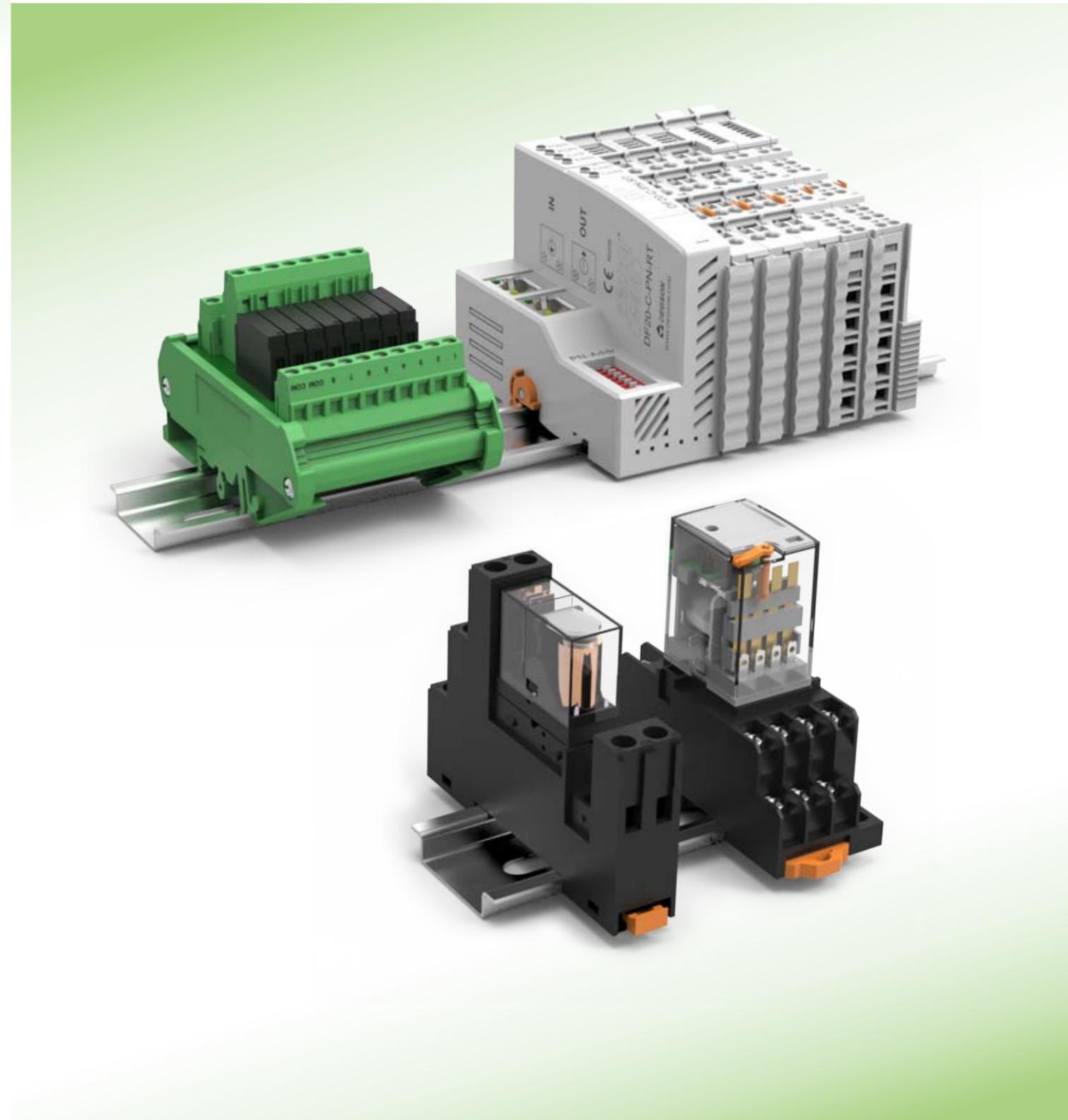
宁波高松新能源科技有限公司  
 IATF16949

**DEGSON 高松**  
线束

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 ISO9001 ISO14001 ISO80079-34 IATF16949

**DEGSON 高松**  
定制化产品

宁波高松电子有限公司  
 ISO9001 ISO14001 ISO80079-34 IATF16949



**DEGSON 高松**  
 宁波高松电子有限公司  
 DEGSON ELECTRONICS CO.,LTD.

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本目录仅供参考，具体信息请以我司规格为准。  
 The catalog is only for reference, and the detail data must be based on our company's specification!

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RM 21-CE02

ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949 IRIS

# 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, 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.



ISO9001



ISO14001



ISO22163



UL CTDP 实验室证书  
UL - CTDP



VDE TDAP 实验室证书  
VDE - TDAP



EX 证书  
EX certificate



UL 证书号:E228872 1400种规格  
UL File NO.:E228872 1400 items



167 VDE 证书 1000种规格  
167 VDE certificates for 1000 items



TUV 证书  
TUV certificate



EAC 证书  
EAC certificate



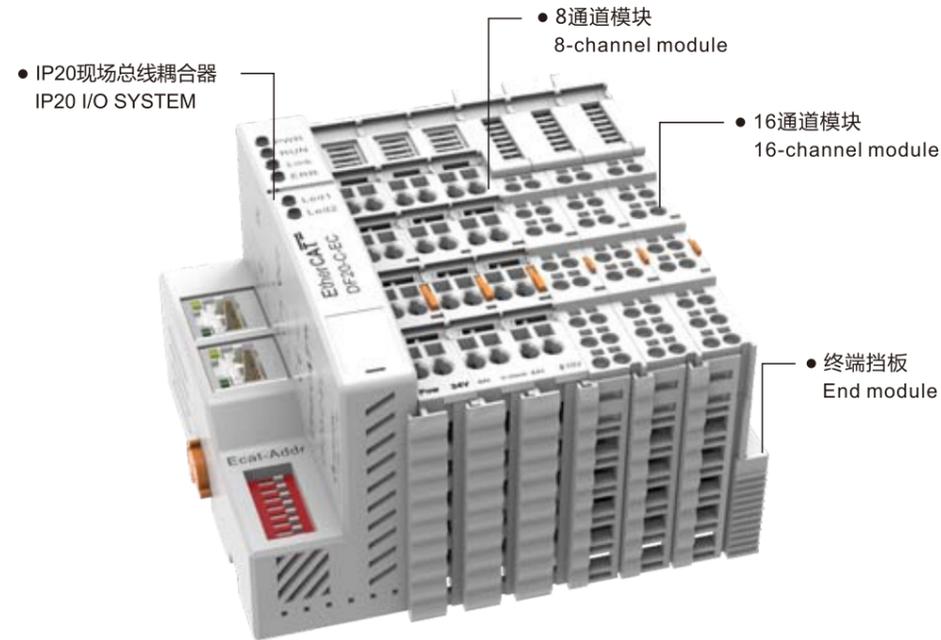
CE 证书  
CE certificate



中国发明专利证书  
Chinese invention patent

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DF20-C-EC



DF20-C-MD-TCP

EtherCAT 耦合器 EtherCAT System	MODBUS/TCP 耦合器 MODBUS/TCP System
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**总线参数 Parameter of industrial bus**

品名 Product	DF20-C-EC	DF20-C-MD-TCP
地址设置 Address setting	1~255	1~254
线缆 Wire cable	五类双绞线 Five-class twisted pair	五类双绞线 Five-class twisted pair
传输距离 Transmission Distance	100m ( 站站距离 ) 100m(Distance between stations)	100m ( 站站距离 ) 100m(Distance between stations)
总线速率 Transmission speed	100Mbps	100Mbps

**电源参数 Power parameter**

系统电源输入 System's input power	18~36VDC
系统电源输出 System's output power	5V/600mA
外设电源输入 Load's input power	24V/DC(±20%)

**技术参数 Technical parameter**

扩展IO数量 Number of IO modules	32
PDO大小 PDO size	1024字节 1024 bytes
其他特性 Other characteristics	支持地址映射 Mapping function

**物理参数 Physical parameter**

尺寸规格 Size	100mmx48mmx69mm ( 长宽高 ) 100mm x 48mm x 69mm (length, width and height)
工作温度 Operating temperature	0~55°C
存储温度 Storage temperature	-25~85°C
空气湿度 humidity	95% 无冷凝 95% No condensation
防护等级 Protection level	IP20
认证 Attestation	CE

**订货号 Order number**
**规格 Specifications**

DF20-C-EC	耦合器模块, EtherCAT 总线, 2 个 RJ45 口, 可扩展 32 个模块, 24VDC 供电 Coupler module, EtherCAT bus, 2 RJ45 ports, expandable 32 modules, power supply DC24V
DF20-C-MD-TCP	耦合器模块, MODBUS/TCP 总线, 1 个 RJ45 口, 可扩展 32 个模块, 24VDC 供电 Coupler module, MODBUS/TCP bus, 1 RJ45 port, expandable 32 modules, power supply DC24V



DF20-C-PN-RT



DF20-C-DP

PROFINET耦合器 PROFINET System	PROFIBUS-DP耦合器 PROFIBUS-DP System
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**总线参数 Parameter of industrial bus**

品名 Product	DF20-C-EC	DF20-C-DP
地址设置 Address setting	0~255	1~255
线缆 Wire cable	五类双绞线 Five-class twisted pair	五类双绞线 Five-class twisted pair
传输距离 Transmission Distance	100m ( 站站距离 ) 100m(Distance between stations)	1200米 ( MAX ) 1200m (MAX)
总线速率 Transmission speed	100Mbps	9.6kpbs~12Mbps

**电源参数 Power parameter**

系统电源输入 System's input power	18~36VDC
系统电源输出 System's output power	5V/600mA
外设电源输入 Load's input power	24V/DC(±20%)

**技术参数 Technical parameter**

扩展IO数量 Number of IO modules	32
PDO大小 PDO size	1024字节 1024 bytes
其他特性 Other characteristics	支持地址映射 Mapping function
	340字节输入、输出 Input and output are 340 bytes

**物理参数 Physical parameter**

尺寸规格 Size	100mmx48mmx69mm ( 长宽高 ) 100mm x 48mm x 69mm (length, width and height)
工作温度 Operating temperature	0~55°C
存储温度 Storage temperature	-25~85°C
空气湿度 Humidity	95% 无冷凝 95% No condensation
防护等级 Protection level	IP20
认证 Attestation	CE

**订货号 Order number**
**规格 Specifications**

DF20-C-PN-RT	耦合器模块, PROFINET 总线, 2 个 RJ45 口, 可扩展 32 个模块, 24VDC 供电 Coupler module, PROFINET bus, 2 RJ45 ports, expandable 32 modules, power supply DC24V
DF20-C-DP	耦合器模块, PROFIBUS-DP 总线, 1 个 RS485 口, 可扩展 32 个模块, 24VDC 供电 Coupler module, PROFIBUS-DP bus, 1 RS485 port, expandable 32 modules, power supply DC24V



DF20-M-8DI-N



DF20-M-8DI-P



DF20-M-16DI-N



DF20-M-16DI-P

8通道输入模块 NPN型 8-channel NPN input module	8通道输入模块 PNP型 8-channel PNP input module	16通道输入模块 NPN型 16-channel NPN input module	16通道输入模块 PNP型 16-channel PNP input module
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## 特性 Characteristic

品名 Product	DF20-M-8DI-N	DF20-M-8DI-P	DF20-M-16DI-N	DF20-M-16DI-P
通道数量 Number of channels	8		16	
额定电压 Rated voltage	24V/DC(±20%)			
滤波时间 Filtering time	0.3ms			

## 电源参数 Power parameter

*0* 信号电压 *0* signal voltage	18~32V DC	0~4V DC	18~32V DC	0~4V DC
*1* 信号电压 *1* signal voltage	0~4V DC	18~32V DC	0~4V DC	18~32V DC
隔离方式 Isolation mode	光电隔离 Photoelectric isolation			
隔离电压 Isolation voltage	500V			

## 物理参数 Physical parameter

尺寸规格 Size	100mmx67mmx12mm (长宽高) 100mm x 67mm x 12mm (length, width and height)			
工作温度 Operating temperature	0~55°C			
存储温度 Storage temperature	-25~85°C			
空气湿度 humidity	95% 无冷凝 95% No condensation			
防护等级 Protection level	IP20			

## 订货号 Order number 规格 Specifications

DF20-M-8DI-N	数字量输入模块, 8输入, 支持NPN输入, 24VDC供电 Digital Input Module, 8 input, support NPN input, power DC24V
DF20-M-8DI-P	数字量输入模块, 8输入, 支持PNP输入, 24VDC供电 Digital Input Module, 8 input, support PNP input, power DC24V
DF20-M-16DI-N	数字量输入模块, 16输入, 支持NPN输入, 24VDC供电 Digital Input Module, 16 input, support NPN input, power DC24V
DF20-M-16DI-P	数字量输入模块, 16输入, 支持PNP输入, 24VDC供电 Digital Input Module, 16 input, support PNP input, power DC24V



DF20-M-8DO-N



DF20-M-8DO-P



DF20-M-16DO-N



DF20-M-16DO-P

8通道输出模块 NPN型 8-channel NPN output module	8通道输出模块 PNP型 8-channel PNP output module	16通道输出模块 NPN型 16-channel NPN output module	16通道输出模块 PNP型 16-channel PNP output module
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## 特性 Characteristic

品名 Product	DF20-M-8DO-N	DF20-M-8DO-P	DF20-M-16DO-N	DF20-M-16DO-P
通道数量 Number of channels	8		16	
额定电压 Rated voltage	24V/DC(±20%)			
负载类型 Load type	电感式、电阻式、灯负载 Inductance type, resistance type, lamp type load			
负载电流 Load current	每通道 500mA 500 mA per channel			
*1* 信号电压 *1* signal voltage	高阻态 High Resistance State	24V DC	高阻态 High Resistance State	24V DC
*0* 信号电压 *0* signal voltage	0V DC	高阻态 High Resistance State	0V DC	高阻态 High Resistance State
隔离方式 Isolation mode	光电隔离 Photoelectric isolation			
隔离电压 Isolation voltage	500V			

## 物理参数 Physical parameter

尺寸规格 Size	100mmx67mmx12mm (长宽高) 100mm x 67mm x 12mm (length, width and height)			
工作温度 Operating temperature	0~55°C			
存储温度 Storage temperature	-25~85°C			
空气湿度 Humidity	95% 无冷凝 95% No condensation			
防护等级 Protection level	IP20			

## 订货号 Order number 规格 Specifications

DF20-M-8DO-N	数字量输出模块, 8输出, 支持 NPN 输出, 24VDC/0.5A Digital output module, 8 output, support NPN output, 24VDC/0.5 A
DF20-M-8DO-P	数字量输出模块, 8输出, 支持 PNP 输出, 24VDC/0.5A Digital output module, 8 output, support PNP output, 24VDC/0.5 A
DF20-M-16DO-N	数字量输出模块, 16输出, 支持 NPN 输出, 24VDC/0.5A Digital output module, 16 output, support NPN output, 24VDC/0.5 A
DF20-M-16DO-P	数字量输出模块, 16输出, 支持 PNP 输出, 24VDC/0.5A Digital output module, 16 output, support PNP output, 24VDC/0.5 A


 DF20-M-4AI-U-0  
DF20-M-4AI-U-1

 DF20-M-4AI-I-2  
DF20-M-4AI-I-3

 4通道电压输入模块  
4-channel voltage input module

 4通道电流输入模块  
4-channel current input module

## 特性 Characteristic

品名 Product	DF20-M-4AI-U-0	DF20-M-4AI-U-1	DF20-M-4AI-I-2	DF20-M-4AI-I-3
通道数量 Number of channels	4			
输入电压 / 电流 Input voltage/current	± 10VDC	0~10V DC	0~20mA	4~20mA
输入阻抗 Input impedance	>500k Ω		100 Ω	
分辨率 / 精度 Resolution/precision	16 位 / ± 0.2%			
滤波时间 Filtering time	3ms			
隔离电压 Isolation voltage	500V			

## 物理参数 Physical parameter

尺寸规格 Size	100mmx67mmx12mm (长宽高) 100mm x 67mm x 12mm (length, width and height)
工作温度 Operating temperature	0~55°C
存储温度 Storage temperature	-25~85°C
空气湿度 Humidity	95% 无冷凝 95% No condensation
防护等级 Protection level	IP20

## 订货号 Order number

## 规格 Specifications

DF20-M-4AI-U-0	模拟量输入模块, 4 输入, 16 位分辨率, -10V~10V, 电压型 Analog input module, 4 input, 16 bit resolution, -10V ~ 10V, voltage type
DF20-M-4AI-U-1	模拟量输入模块, 4 输入, 16 位分辨率, 0V~10V, 电压型 Analog input module, 4 input, 16 bit resolution, 0V ~ 10V, voltage type
DF20-M-4AI-I-2	模拟量输入模块, 4 输入, 16 位分辨率, 0~20mA, 电流型 Analog input module, 4 input, 16 bit resolution, 0 ~ 20 mA, current type
DF20-M-4AI-I-3	模拟量输入模块, 4 输入, 16 位分辨率, 4~20mA, 电流型 Analog input module, 4 input, 16 bit resolution, 4 ~ 20 mA, current type


 DF20-M-4AO-U-0  
DF20-M-4AO-U-1

 DF20-M-4AO-I-2  
DF20-M-4AO-I-3

 4通道电压输出模块  
4-channel voltage output module

 4通道电流输出模块  
4-channel current output module

## 特性 Characteristic

品名 Product	DF20-M-4AO-U-0	DF20-M-4AO-U-1	DF20-M-4AO-I-2	DF20-M-4AO-I-3
通道数量 Number of channels	4			
额定电压 Rated voltage	± 10VDC	0~10V DC	0~20mA	4~20mA
负载类型 Load type	>5k Ω		100 Ω	
负载电流 Load current	16 位 / ± 0.2%			
高电平信号电压 High level signal voltage	3ms			
低电平信号电压 Low level signal voltage	500V			

## 物理参数 Physical parameter

尺寸规格 Size	100mmx67mmx12mm (长宽高) 100mm x 67mm x 12mm (length, width and height)
工作温度 Operating temperature	0~55°C
存储温度 Storage temperature	-25~85°C
空气湿度 Humidity	95% 无冷凝 95% No condensation
防护等级 Protection level	IP20

## 订货号 Order number

## 规格 Specifications

DF20-M-4AO-U-0	模拟量输出模块, 4 输出, 16 位分辨率, -10V~10V, 电压型 Analog output module, 4 output, 16 bit resolution, -10V ~ 10V, voltage type
DF20-M-4AO-U-1	模拟量输出模块, 4 输出, 16 位分辨率, 0V~10V, 电压型 Analog output module, 4 output, 16 bit resolution, 0V ~ 10V, voltage type
DF20-M-4AO-I-2	模拟量输出模块, 4 输出, 16 位分辨率, 0~20mA, 电流型 Analog output module, 4 output, 16 bit resolution, 0 ~ 20 mA, current type
DF20-M-4AO-I-3	模拟量输出模块, 4 输出, 16 位分辨率, 4~20mA, 电流型 Analog output module, 4 output, 16 bit resolution, 4 ~ 20 mA, current type



DF20-M-1CNT-EL-5  
DF20-M-1CNT-EL-4



DF20-M-1CNT-ELP-5

单通道编码器输入/位置锁存模块  
1-channel encoder input/position latch module

编码器输入/位置锁存/脉冲输出模块  
Encoder input/position latch/pulse output module

特性 Characteristic

品名 Product	DF20-M-1CNT-EL-5	DF20-M-1CNT-EL-4	DF20-M-1CNT-ELP-5
通道数量 Number of channels	1		
输入电压 Input voltage	5VDC	24VDC	5VDC
采样频率 Sampling frequency	1MHZ		
分辨率/精度 Resolution/precision	32位 / ± 1 脉冲 32 bit / ± 1 pulse		
隔离电压 Isolation voltage	500V		

物理参数 Physical parameter

尺寸规格 Size	100mmx67mmx12mm (长宽高) 100mm x 67mm x 12mm (length, width and height)
工作温度 Operating temperature	0~55°C
存储温度 Storage temperature	-25~85°C
空气湿度 Humidity	95% 无冷凝 95% No condensation
防护等级 Protection level	IP20

订货号 Order number

订货号 Order number	规格 Specifications
DF20-M-1CNT-EL-5	高速计数模块, 32位分辨率, 单通道编码器输入/位置锁存, 5V High speed counting module, 32 bit resolution, 1 channel encoder input/position latch, 5V
DF20-M-1CNT-EL-4	高速计数模块, 32位分辨率, 单通道编码器输入/位置锁存, 24V High speed counting module, 32 bit resolution, 1 channel encoder input/position latch, 24V
DF20-M-1CNT-ELP-5	高速计数模块, 32位分辨率, 编码器输入/位置锁存/脉冲输出, 5V High speed count module, 32 bit resolution, encoder input/position latch/pulse output, 5V



DF20-M-2CNT-PIL-5



DF20-M-2CNT-PIL-4

双通道脉冲输入/脉冲锁存模块  
2-channel pulse input/pulse latch module

双通道脉冲输入/脉冲锁存模块  
2-channel pulse input/pulse latch module

特性 Characteristic

品名 Product	DF20-M-2CNT-PIL-5	DF20-M-2CNT-PIL-4
通道数量 Number of channels	2	
输入电压 Input voltage	5VDC	24VDC
采样频率 Sampling frequency	1MHZ	
分辨率/精度 Resolution/precision	32位 / ± 1 脉冲 32 bit / ± 1 pulse	
隔离电压 Isolation voltage	500V	

物理参数 Physical parameter

尺寸规格 Size	100mmx67mmx12mm (长宽高) 100mm x 67mm x 12mm (length, width and height)
工作温度 Operating temperature	0~55°C
存储温度 Storage temperature	-25~85°C
空气湿度 Humidity	95% 无冷凝 95% No condensation
防护等级 Protection level	IP20

订货号 Order number

订货号 Order number	规格 Specifications
DF20-M-2CNT-PIL-5	高速计数模块, 32位分辨率, 双通道脉冲输入/脉冲锁存, 5V High speed counting module, 32 bit resolution, 2 channel pulse input/pulse latch, 5V
DF20-M-2CNT-PIL-4	高速计数模块, 32位分辨率, 双通道脉冲输入/脉冲锁存, 24V High speed counting module, 32 bit resolution, 2 channel pulse input/pulse latch, 24V



DF20-M-2RTD-PT



DF20-M-4TC-KETJ

热电阻(RTD)测量模块 Thermal resistance (RTD) measurement module	热电偶(TC)测量模块 Thermocouple (TC) measurement module
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特性 Characteristic

品名 Product	DF20-M-2RTD-PT	DF20-M-4TC-KETJ
传感器类型 Sensor type	PT100/PT1000	K/E/T/J 型热电偶
通道数量 Number of channels	2	4
转换时间 Conversion time	20ms	
采样频率 Sampling frequency	1MHZ	
分辨率/精度 Resolution/precision	16 位 / ± 0.3 % 16 bit / ±0.3 %	
滤波时间 Filtering time	3ms	

物理参数 Physical parameter

尺寸规格 Size	100mmx67mmx12mm (长宽高) 100mm x 67mm x 12mm (length, width and height)
工作温度 Operating temperature	0~55°C
存储温度 Storage temperature	-25~85°C
空气湿度 Humidity	95% 无冷凝 95% No condensation
防护等级 Protection level	IP20

订货号 Order number	规格 Specifications
DF20-M-2RTD-PT	热电阻(RTD)测量模块, 16位分辨率, 2通道PT100/PT1000 Thermal resistance (RTD) measuring module, 16-bit resolution, 2-channel PT100/PT1000
DF20-M-4TC-KETJ	热电偶(TC)测量模块, 16位分辨率, 4通道K/E/T/J Thermocouple (TC) measurement module, 16 bit resolution, 4 channel K/E/T/J



DF20-M-DC-U-5

电源扩展模块 Power expansion module
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特性 Characteristic

品名 Product	DF20-M-DC-U-5
系统侧输入电源 System input power	18V~36VDC
系统侧输出电源 System output power	5VDC / 600mA
负载侧输入电源 Load input power	24VDC( ± 20%)
隔离电压 Isolation voltage	500V

物理参数 Physical parameter

尺寸规格 Size	100mmx67mmx12mm (长宽高) 100mm x 67mm x 12mm (length, width and height)
工作温度 Operating temperature	0~55°C
存储温度 Storage temperature	-25~85°C
空气湿度 Humidity	95% 无冷凝 95% No condensation
防护等级 Protection level	IP20

订货号 Order number	规格 Specifications
DF20-M-DC-U-5	电源扩展模块, 全隔离, 24VDC 转 5VDC Power module, 24VDC to 5VDC



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)

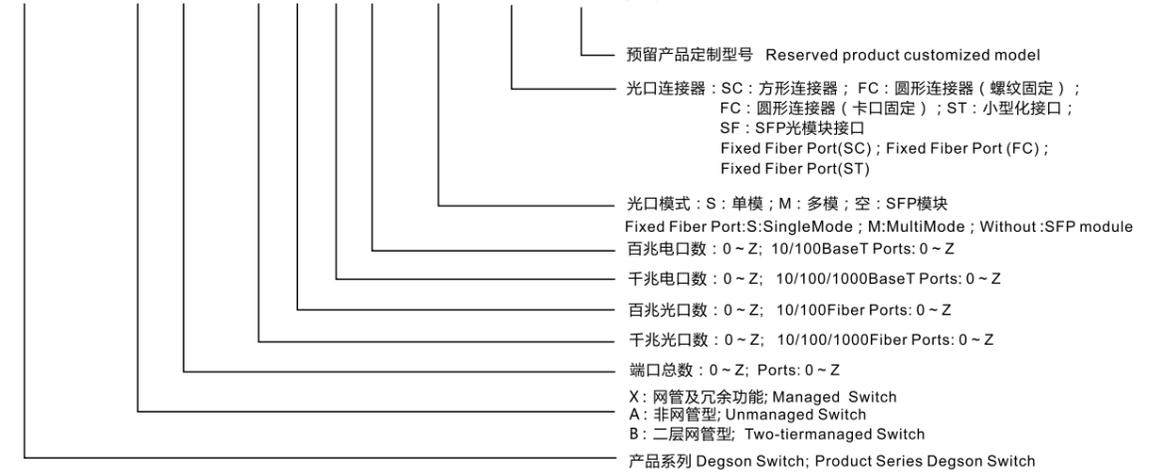
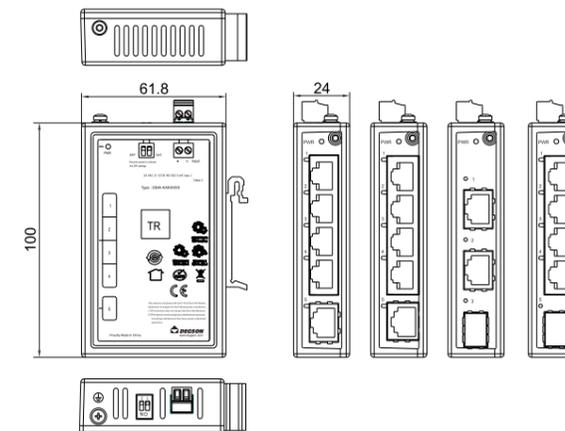
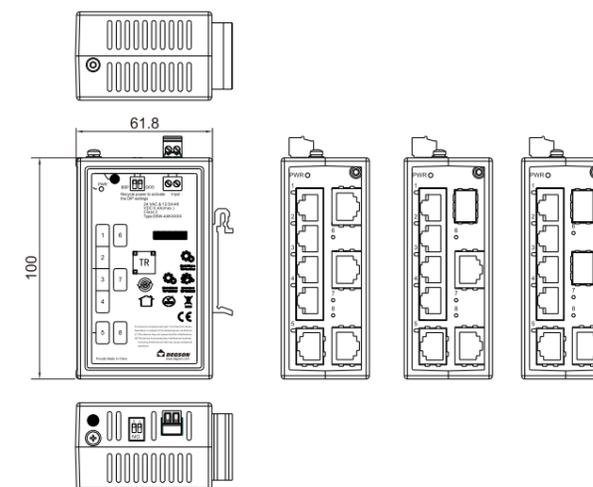
**环境特性 Environment Limits**

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

DSW - A 8 K - 0 0 0 8 - M - ST - 00A(H)


**外形尺寸图 Overall Dimensions**
**DSW-A3K/A5K**

**DSW-A8K**




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**

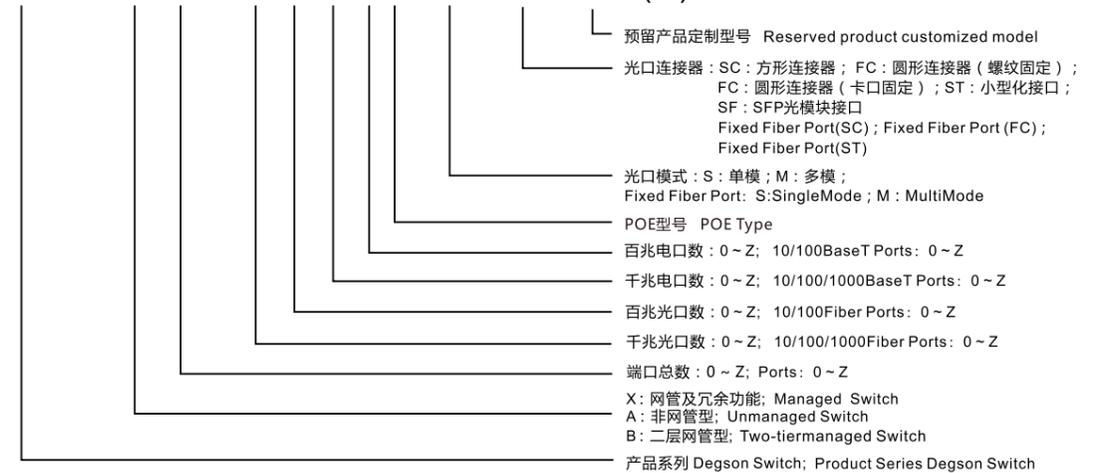
湿度 Ambient Relative Humidity	5% ~ 95% (无冷凝) 5 to 95% (non-condensing)
运行温度 Operating Temperature	-40°C ~ 75°C
存储温度 Storage Temperature	-40°C ~ 85°C

**电磁特性 Electromagnetic Characteristics**

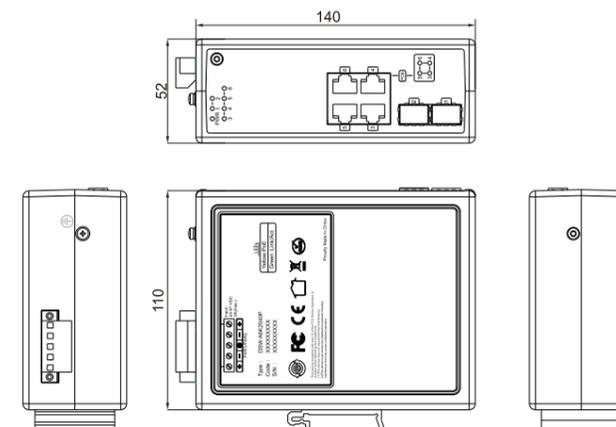
电磁辐射 EMI	FCC 47 CFR Part 15 Class A EN55022 Class A
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**行业认证及测试 Standards and Certifications**

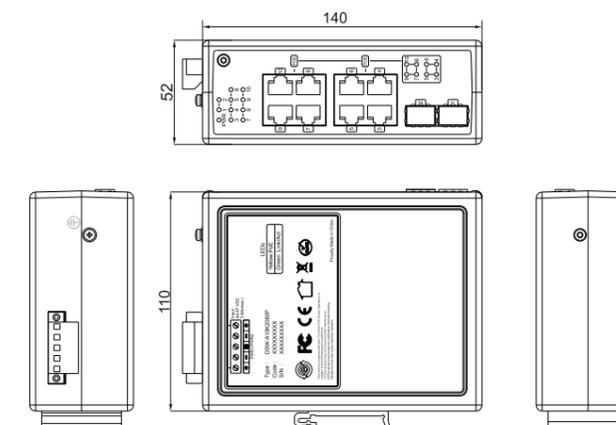
产品安全 Safety	FCC Part 15 Subpart B Class A	IEC/EN55022 Class A IEC60825-1
工业控制行业 Industrial Control Industry	UL/cUL61010	
电力行业 Power Industry	IEC61850-3 IEEE1613 (C37.90.x)	

**DSW - A 8 K - 0 0 0 8 P - M - ST - 00A(H)**

**外形尺寸图 Overall Dimensions**

DSW-A6K2040P



DSW-A10K2080P





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
马达负载 Motor load	2CH: 1/3HP@240VAC      4C: 1/6HP@240VAC
切换功率 Switch power	2CH: 2400VA/1200VA, 280W/140W      4C: 1200VA/720VA, 140W/84W
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 <sup>6</sup> (1800 Ops/h)
机械寿命 (300次/分钟) Mechanical life(300cycles/min)	>1x10 <sup>7</sup> (18000 Ops/h)

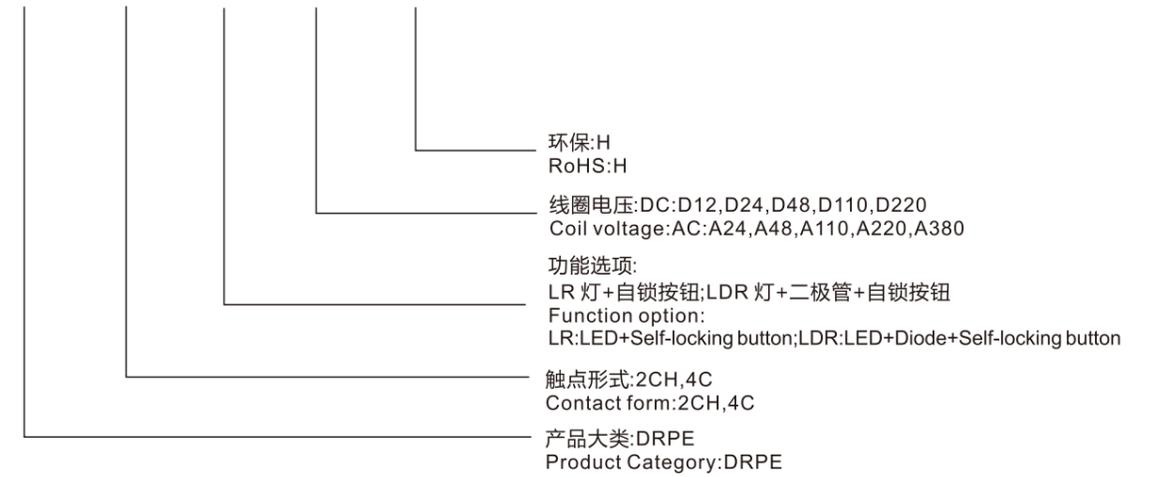
线圈参数 Coil parameters

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				

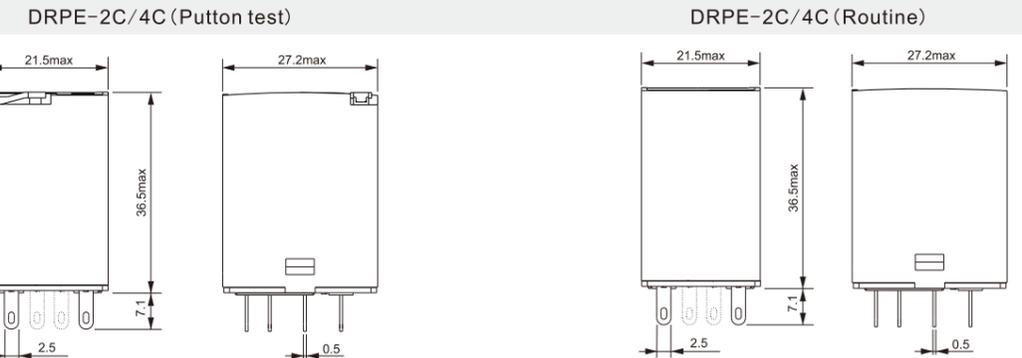
通用参数 Universal parameters

绝缘电阻 Insulation resistance	1000MΩ(500VDC)
介电耐压 Dielectric voltage	
同极触点间 Between contacts	1000VAC/1min
异极触点间 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	-40...+70°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

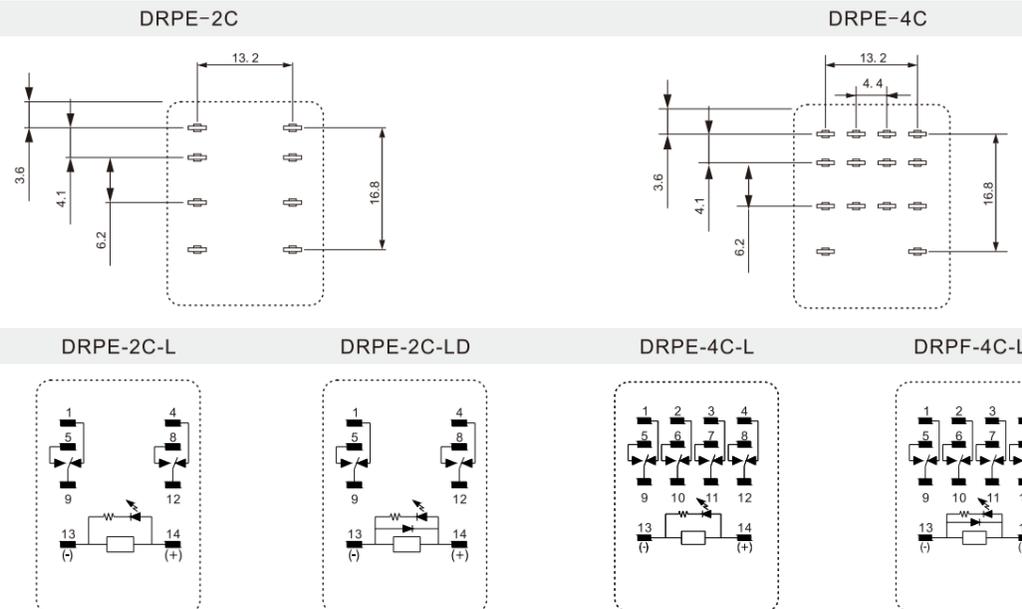
DRPE - 2CH -LR - D24 - XXA (H)



外形尺寸图 Overall Dimensions



脚位图、接线图 Installation Diagrams, Wiring Diagrams





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 <sup>5</sup> (1800 Ops/h)
机械寿命(300次/分钟) Mechanical life(300cycles/min)	>1x10 <sup>7</sup> (18000 Ops/h)

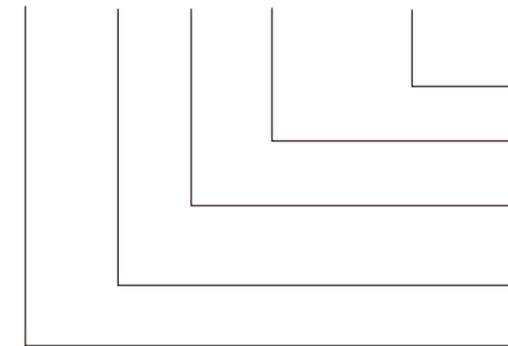
线圈参数 Coil parameters

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	-25...+55℃
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-XXA(H)



环保:H  
RoHS:H

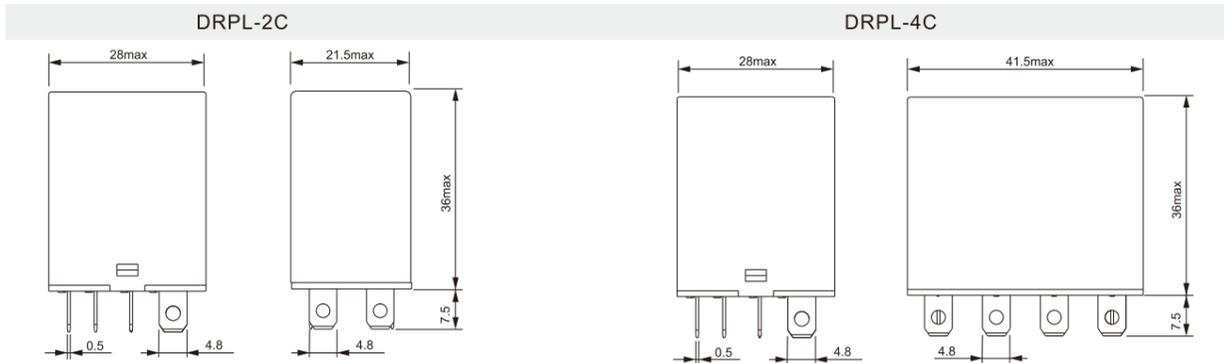
线圈电压:DC:D12,D24,D48,D110,D220  
Coil voltage:AC:A24,A48,A110,A230,A380

功能选项:无:常规;L:灯;LD:灯+二极管  
Function option:Blank:Routine;  
L:LED;LD:LED+Diode

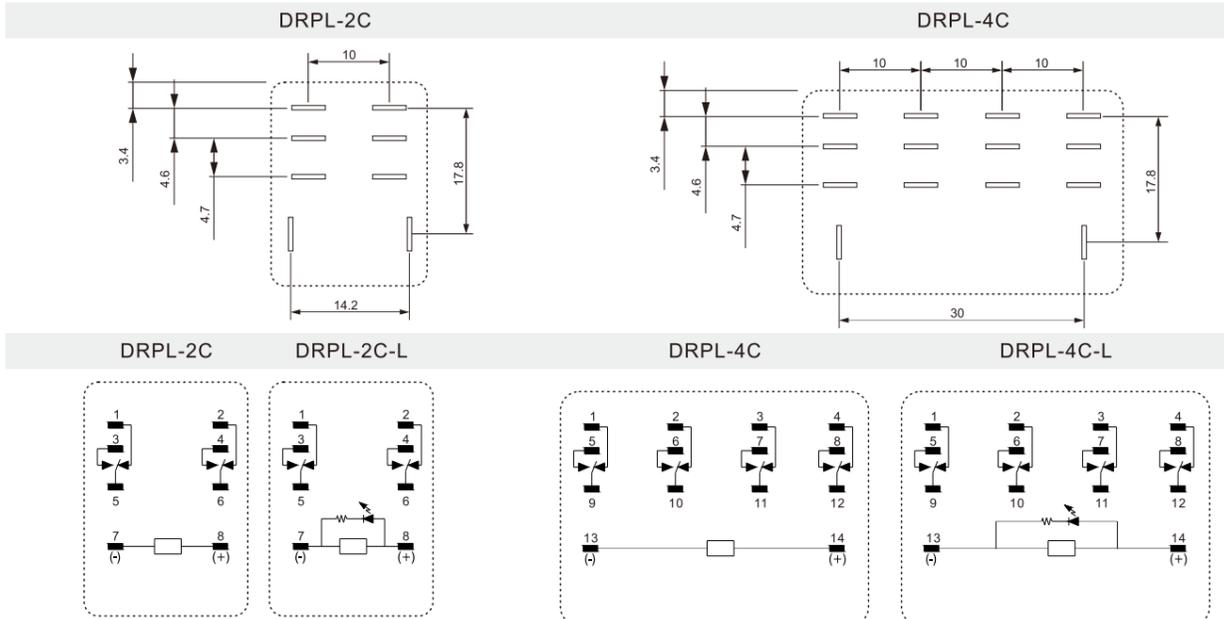
触点形式:2C,4C  
Contact form:2C,4C

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





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@250VAC/30VDC	2C:8A@250VAC/30VDC
马达负载 Motor load	2C:1/3HP@240VAC	4C:1/6HP@240VAC
切换功率 Switch power	2C:2400VA/1200VA,280W/140W	4C:1200VA/720VA,140W/84W
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 <sup>5</sup> (1800 Ops/h)	
机械寿命 (300次/分钟) Mechanical life(300cycles/min)	>1x10 <sup>7</sup> (18000 Ops/h)	

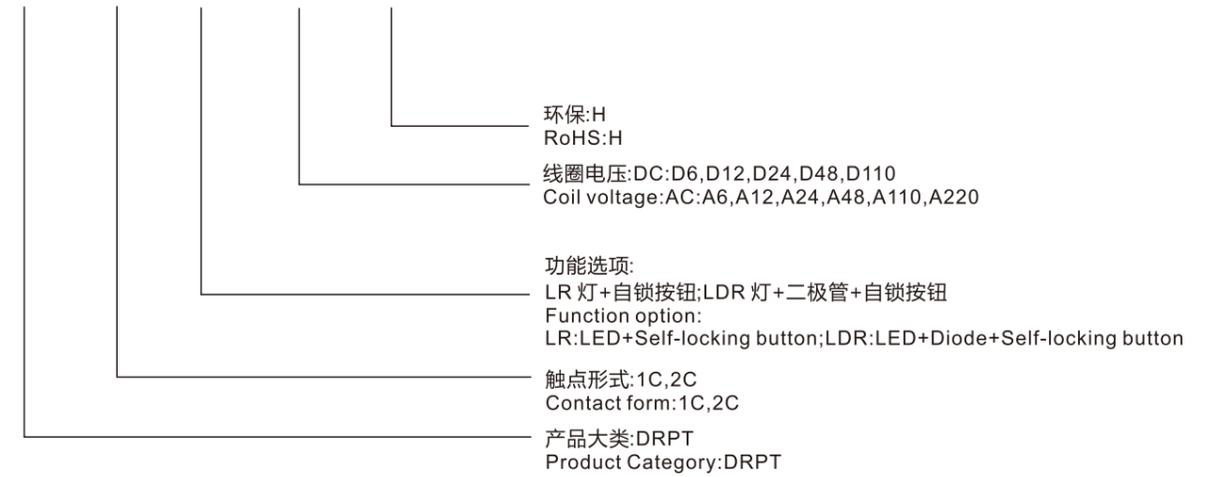
线圈参数 Coil parameters

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

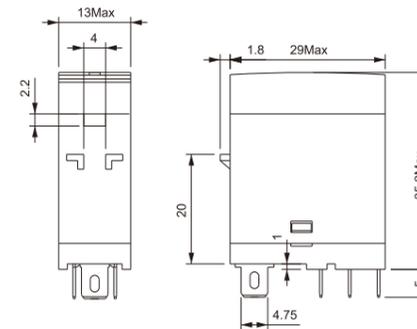
绝缘电阻 Insulation resistance	1000MΩ(500VDC/min)
介电耐压 Dielectric voltage	
同极触点间 Between contacts	1000VAC/1min
异极触点间 Between contacts(different pole)	1000VAC/1min
线圈触点间 Between contacts and coil	5000VAC/1min
耐冲击 Shock withstanding	10G(Half sine wave pulse 11ms)
耐振动 Vibration withstanding	10-55Hz(Double amplitude 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 - XXA (H)

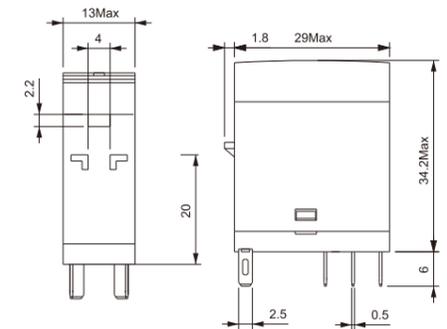


外形尺寸图 Overall Dimensions

DRPT-1C (Putton test)

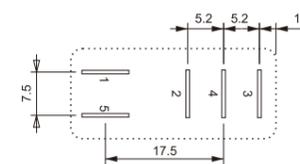


DRPT-2C (Routine)

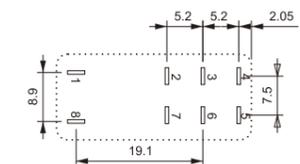


脚位图、接线图 Installation Diagrams, Wiring Diagrams

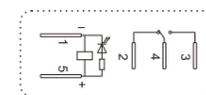
DRPT-1C



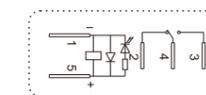
DRPT-2C



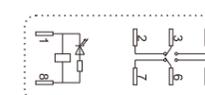
DRPT-1C-LR



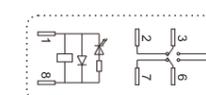
DRPT-1C-LDR

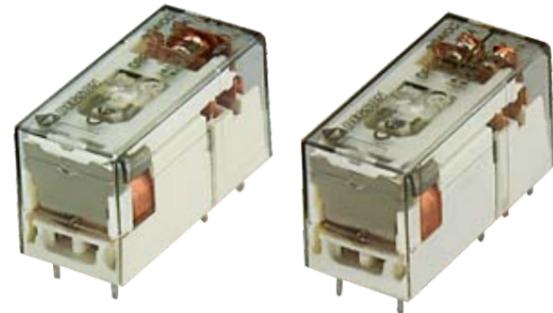


DRPT-2C-LR



DRPT-2C-LDR





DRPB-1C

DRPB-2C

**特点**

- 体积小、1C:16A,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:16A,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	1C/1CH:1/3HP@240VAC 2C:1/6HP@240VAC
切换功率 Switch power	1C/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 <sup>5</sup> (1800 Ops/h)
机械寿命(300次/分钟) Mechanical life(300cycles/min)	>1x10 <sup>7</sup> (18000 Ops/h)

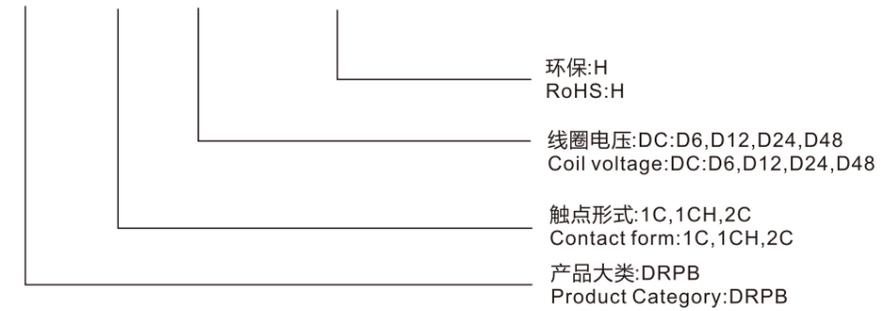
线圈参数 Coil parameters

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	-40...+85°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

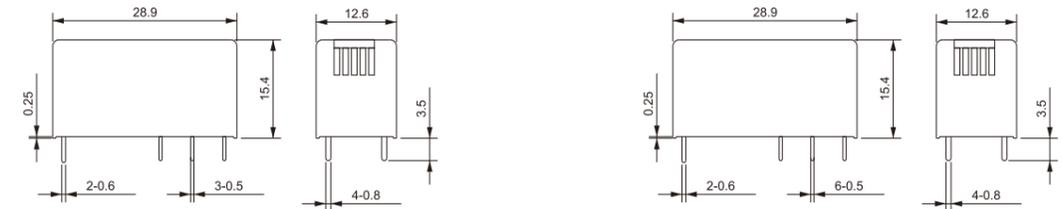
DRPB - 2C - D24 - XXA (H)



外形尺寸图 Overall dimensions

DRPB-1C

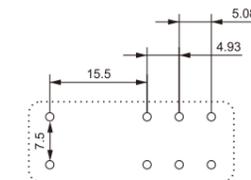
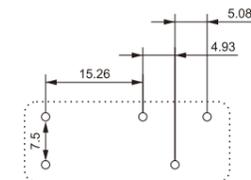
DRPB-1CH/2C



脚位图、接线图 Installation diagrams, Wiring diagrams

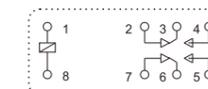
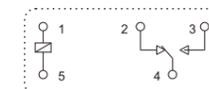
DRPB-1C

DRPB-1CH/2C



DRPB-1C

DRPB-1CH/2C





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 <sup>5</sup> (1800 Ops/h)
机械寿命(300次/分钟) Mechanical life(300cycles/min)	>1x10 <sup>7</sup> (18000 Ops/h)

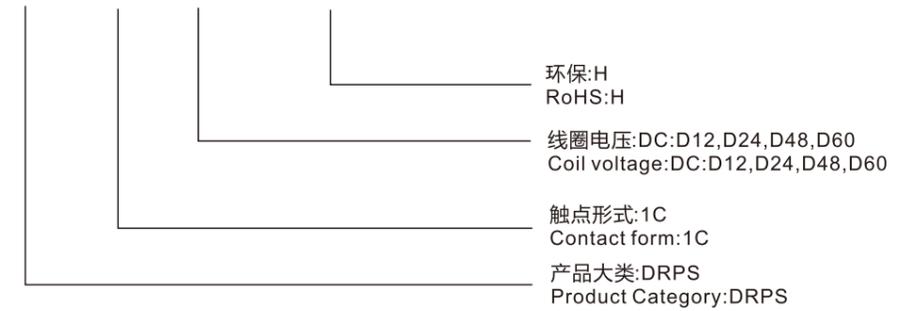
线圈参数 Coil parameters

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

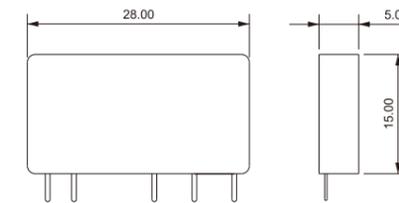
绝缘电阻 Insulation resistance	1000MΩ(500VDC)
介质耐压 Dielectric voltage	
同极触点间 Between contacts	1000VAC/1min
异极触点间 Between contacts(different pole)	\
线圈触点间 Between contacts and coil	4000VAC/1min
耐冲击 Shock withstanding	10G(Half sine wave pulse 11ms)
耐振动 Vibration withstanding	10-55Hz(Double amplitude 1.0mm)
环境温度 Ambient temperature	-40...+85°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 - XXA (H)



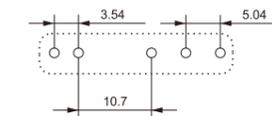
外形尺寸图 Overall dimensions

DRPS-1C

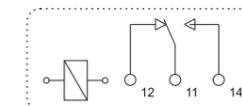


脚位图、接线图 Installation diagrams, Wiring diagrams

DRPS-1C



DRPS-1C





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-XXA (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	
外接导线 External connection wire	20-14/0.5-2.5AWG/mm <sup>2</sup>	
环境温度 Ambient temperature	-40~+65°C	
重量 Weight	34g	56g

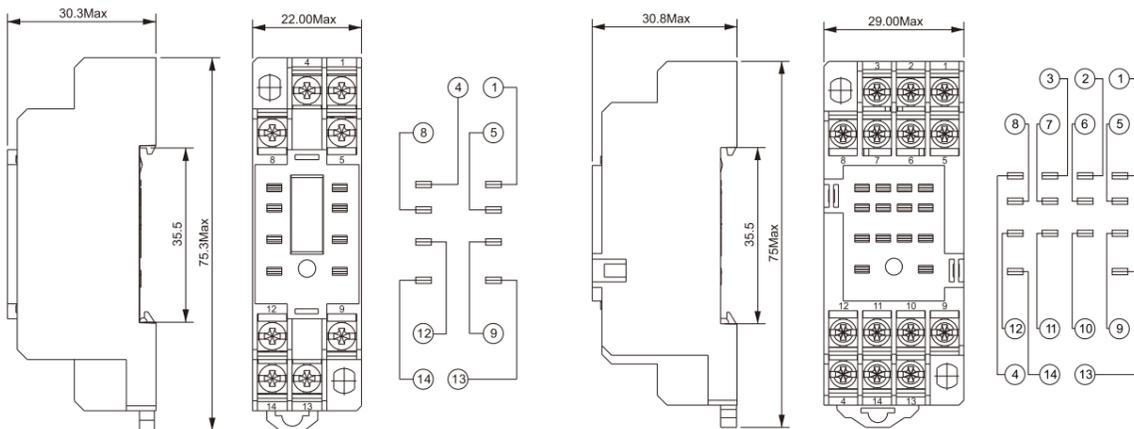
配套继电器及配件 Supporting relays and accessories

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
DPYF08A-3	DRPE-2CH	—	—	K-35B
DPYF14A-3	DRPE-4C	—	—	K-35B

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

DPYF08A-3

DPYF14A-3



DPYF08A-E3

DPYF14A-E3

**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-E 3-XXA (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	
外接导线 External connection wire	20-14/0.5-2.5AWG/mm <sup>2</sup>	
环境温度 Ambient temperature	-40~+65°C	
重量 Weight	34g	56g

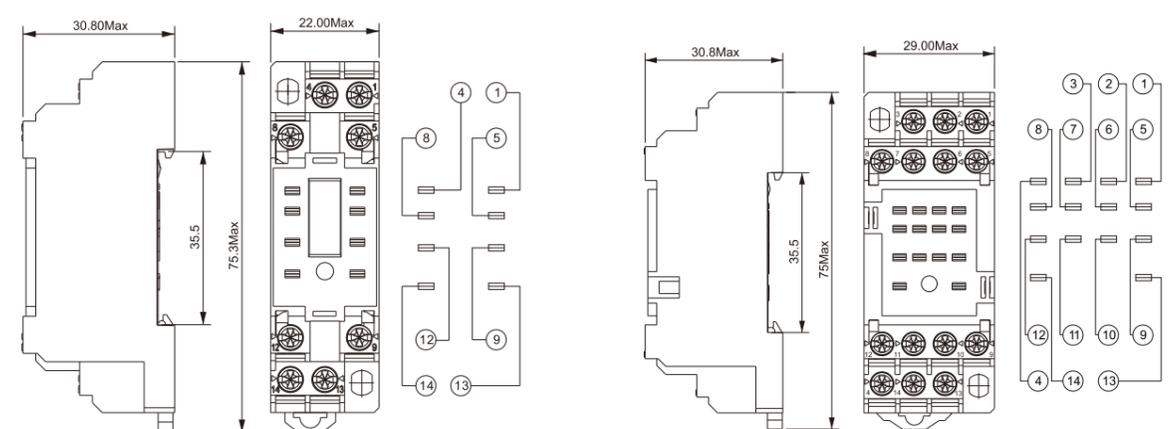
配套继电器及配件 Supporting relays and accessories

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
DPYF08A-E3	DRPE-2CH	—	—	K-35B
DPYF14A-E3	DRPE-4C	—	—	K-35B

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-XXA (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	20-14/0.5-2.5AWG/mm <sup>2</sup>	
环境温度 Ambient temperature	-40~+85°C	
重量 Weight	35g	45g

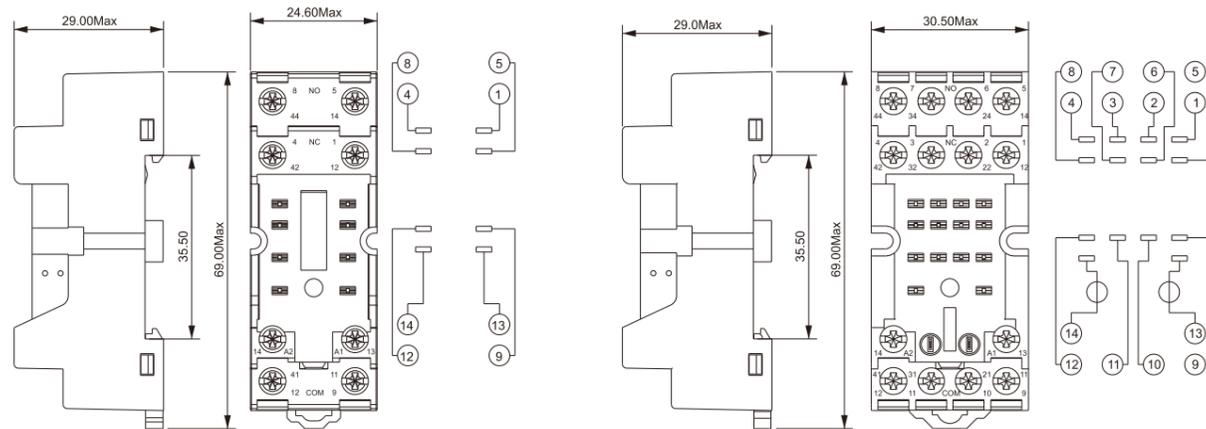
配套继电器及附件 Supporting relays and accessories

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
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-XXA (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	20-14/0.5-2.5AWG/mm <sup>2</sup>	
环境温度 Ambient temperature	-40~+85°C	
重量 Weight	50g	62g

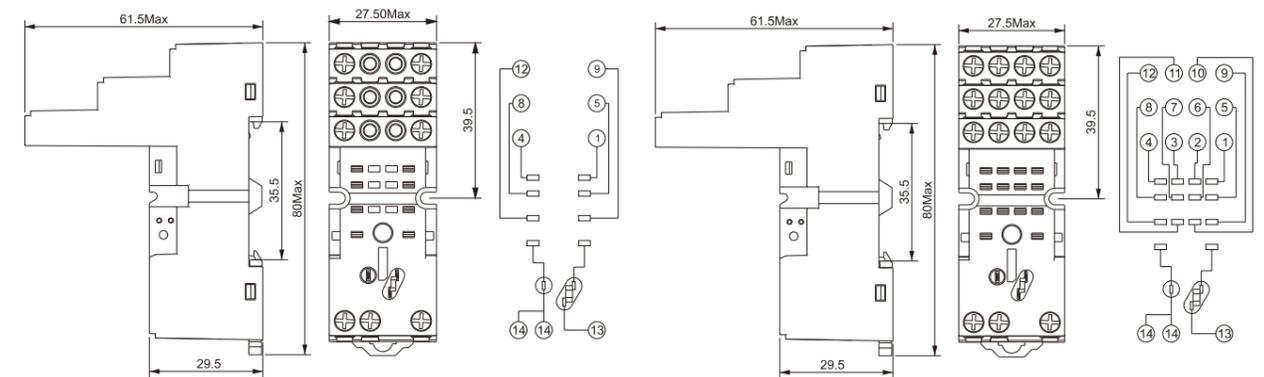
配套继电器及附件 Supporting relays and accessories

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
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





DPTF08A-3

DPTF14A-3

**特点**

- 防护式插座、10A。
- 环保产品 RoHS。

**Features**

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

DPTF 08A-3-XXA (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	
外连接导线 External connection wire	20-14/0.5-2.5AWG/mm <sup>2</sup>	
环境温度 Ambient temperature	-40~+65°C	
重量 Weight	45g	76g

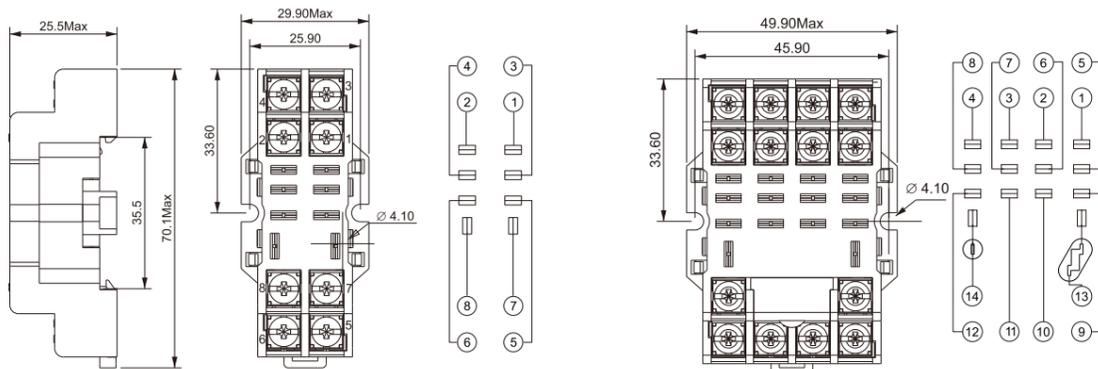
配套继电器及配件 Supporting relays and accessories

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
DPTF08A-3	DRPL-2C	—	—	K-35A
DPTF14A-3	DRPL-4C	—	—	K-35A

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-XXA (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	
外连接导线 External connection wire	20-14/0.5-2.5AWG/mm <sup>2</sup>	
环境温度 Ambient temperature	-40~+85°C	
重量 Weight	46g	78g

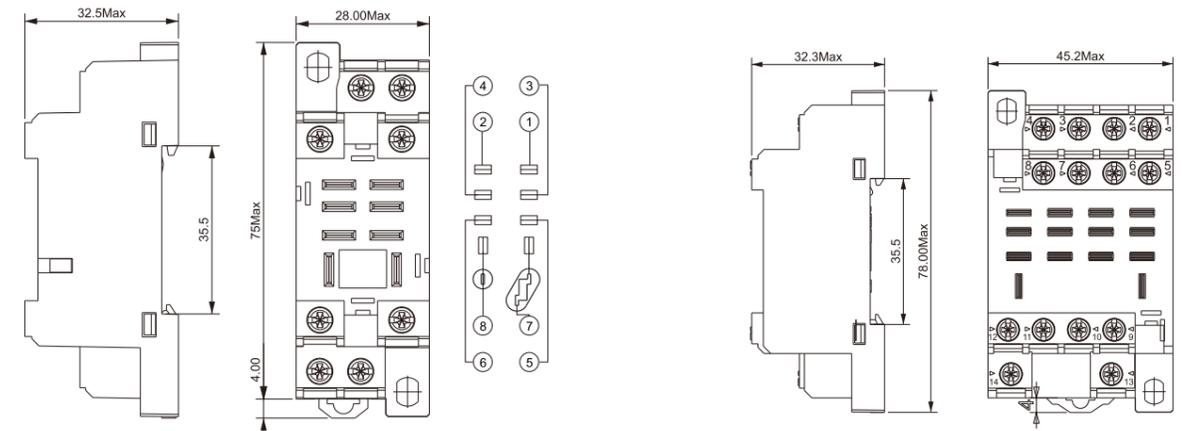
配套继电器及配件 Supporting relays and accessories

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
DPTF08A-E3	DRPL-2C	DMD	—	T-35A
DPTF14A-E3	DRPL-4C	DND	—	T-35C

外形尺寸图、接线图 Overall dimensions, Wiring diagrams

DPTF08A-E3

DPTF14A-E3





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-XXA (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	20-14/0.5-2.5AWG/mm <sup>2</sup>	
环境温度 Ambient temperature	-45~+85°C	
重量 Weight	22g	27g

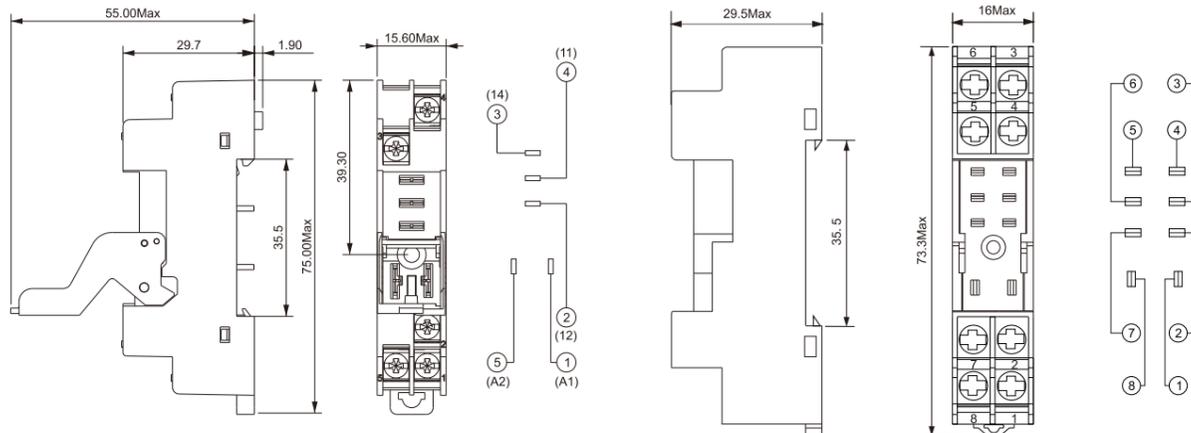
配套继电器及附件 Supporting relays and accessories

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-XXA (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	20-14/0.5-2.5AWG/mm <sup>2</sup>	
环境温度 Ambient temperature	-40~+65°C	
重量 Weight	22g	27g

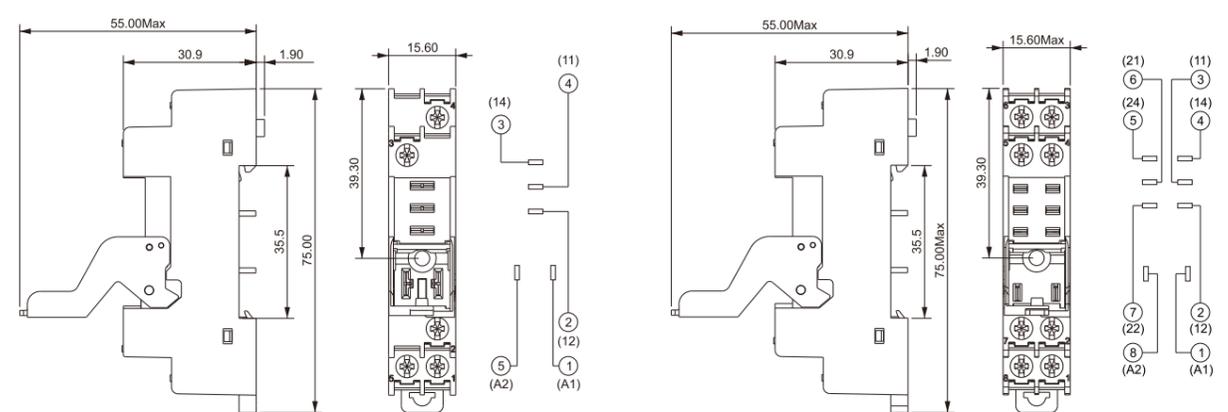
配套继电器及附件 Supporting relays and accessories

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.

DSRT 08A-F 3-XXA (H)

产品大类:DSRT  
Product Category:DSRT  
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	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	
外接导线 External connection wire	20-14/0.5-2.5AWG/mm <sup>2</sup>	
环境温度 Ambient temperature	-45~+85°C	
重量 Weight	22g	27g

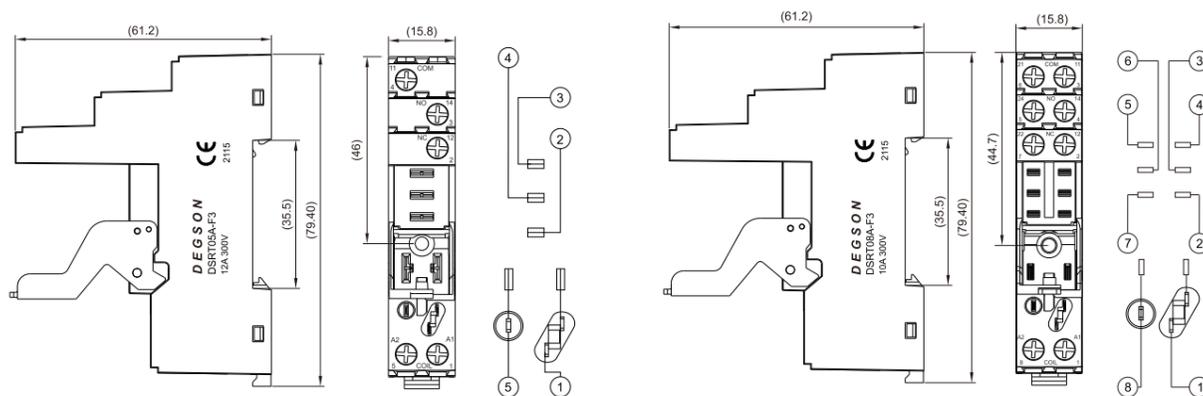
配套继电器及附件 Supporting relays and accessories

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



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-XXA (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	
外接导线 External connection wire	20-14/0.5-2.5AWG/mm <sup>2</sup>	
环境温度 Ambient temperature	-40~+65°C	
重量 Weight	22g	27g

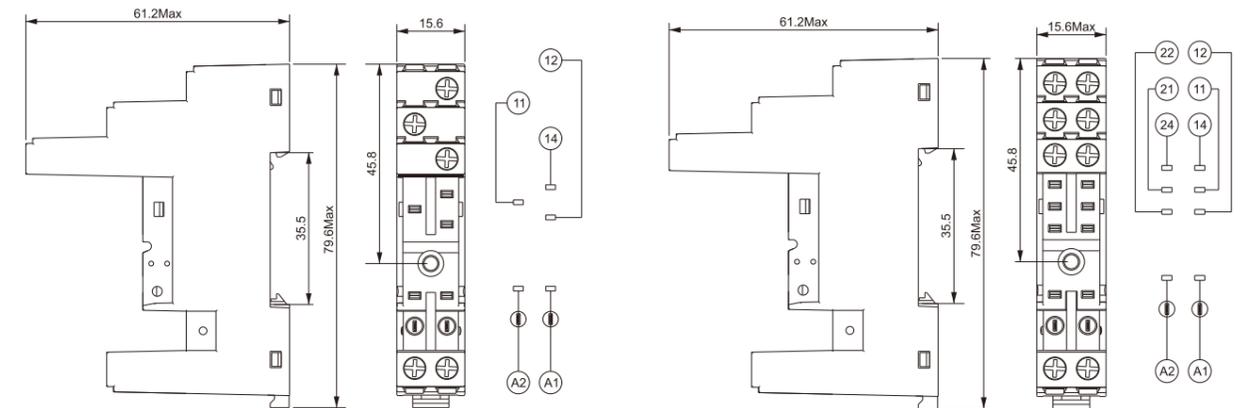
配套继电器及附件 Supporting relays and accessories

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-2C	DMD	标配 Wear	—

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

DSRC05A-F3

DSRC08A-F3





DPSF

**特点**

- 防护式插座、6A。
- 环保产品 RoHS。

**Features**

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

DPSF 06A-E 3-XXA (H)

产品大类:DPSF  
Product Category:DPSF  
脚位数量:06A  
Pin Number:06A  
保护方式:E:防护式  
Protect way:F: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

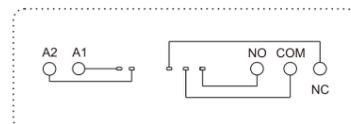
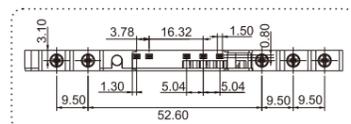
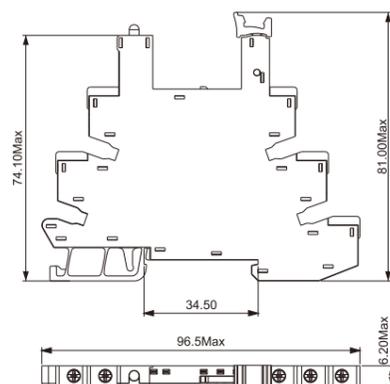
产品型号 Product type	DPSF06A-F3
额定电流 Rated current	6A
额定电压 Rated voltage	250V
线圈/触点介质耐压 Coil/Contact dielectric voltage	4000V/S
触点间介质耐压 Dielectric voltage between contact	2500V/S
螺钉扭矩 Screw torque	1.0Nm
外连接导线 External connection wire	20-16/0.5-1.5AWG/mm <sup>2</sup>
环境温度 Ambient temperature	-40~+70°C
重量 Weight	22g

配套继电器及配件 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



**特点**

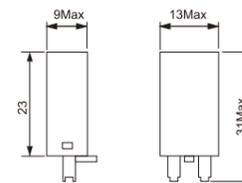
- 峰值电压抑制, 过压保护, 电压指示。
- 环保产品 RoHS。

**Features**

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



DMD



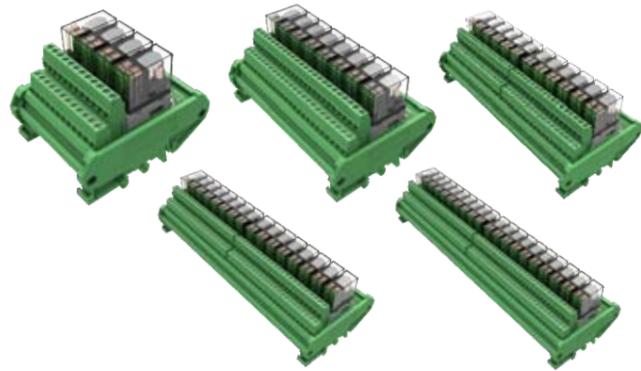
DMD-ML 1-D24-XXA (H)

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 110-240V	6-250VDC	6-24VDC 110/240VDC	24V 120V 240V	24V 120V 240V	6-24VDC 110/240VDC	6-24V 110-240V	6-250VDC	6-24VDC 110/240VDC	24V 120V 240V

插座附件 Socket accessories

名称Type	K-35A	K-35B	T-35A
简图 Diagram			
名称Type	DBA20-6		
简图 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)

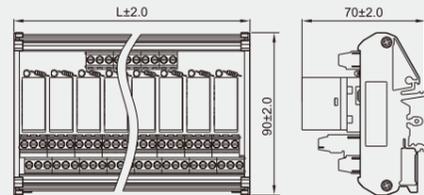
**特点**

- 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

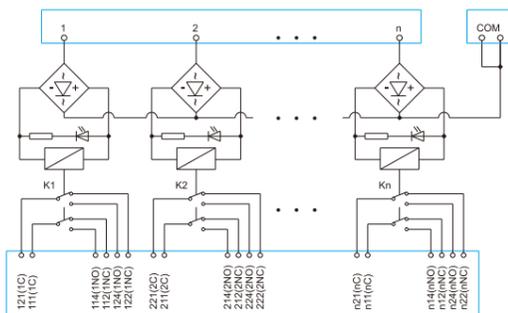


型号 P/N	长L * 宽W * 高H mm
DM72-RM-04-PN-4-44-11A(H)	72 * 90 * 70
DM72-RM-08-PN-4-44-11A(H)	133 * 90 * 70
DM72-RM-12-PN-4-44-11A(H)	198 * 90 * 70
DM72-RM-16-PN-4-44-11A(H)	258 * 90 * 70
DM72-RM-20-PN-4-44-11A(H)	319 * 90 * 70

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)

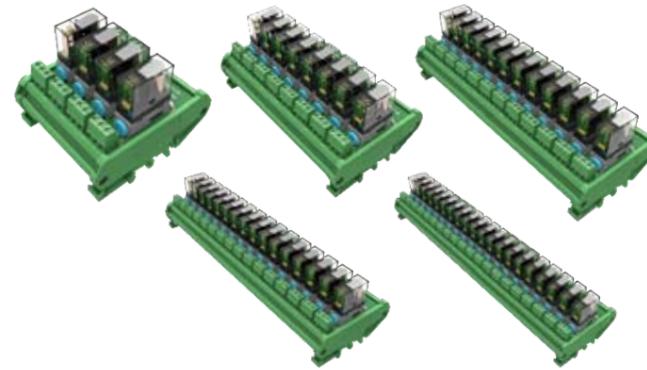
继电器型号 Relay P/N

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)

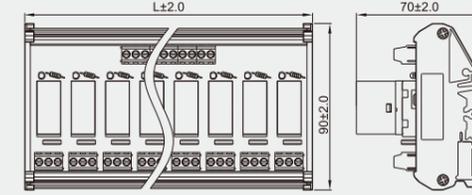
**特点**

- 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

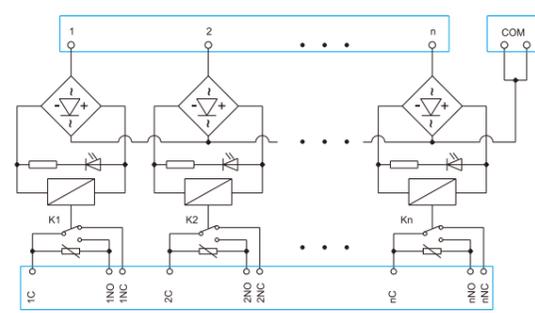


型号 P/N	长L * 宽W * 高H mm
DM72-RM-04-PN-2-44-101A(H)	81.5 * 90 * 70
DM72-RM-08-PN-2-44-101A(H)	156 * 90 * 70
DM72-RM-12-PN-2-44-101A(H)	230 * 90 * 70
DM72-RM-16-PN-2-44-101A(H)	305 * 90 * 70
DM72-RM-20-PN-2-44-101A(H)	380 * 90 * 70

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)

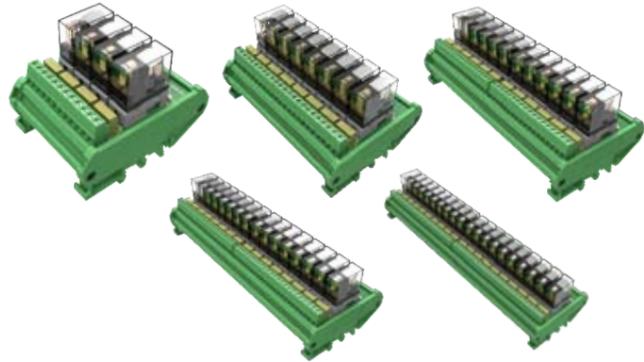
继电器型号 Relay P/N

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**

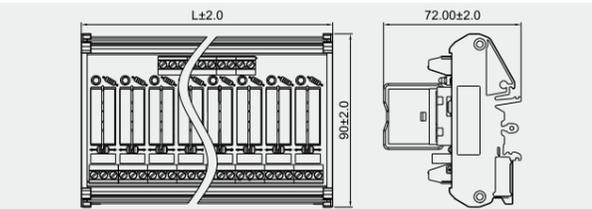
- 本模组提供4、8、12、16、20位独立继电器回路。
- 适用于NPN, PNP型控制器。
- 继电器采用1C/O节点, 输出端一对一输出。
- 节省配线空间, 时间和成本。
- 方便查修和维护。

**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

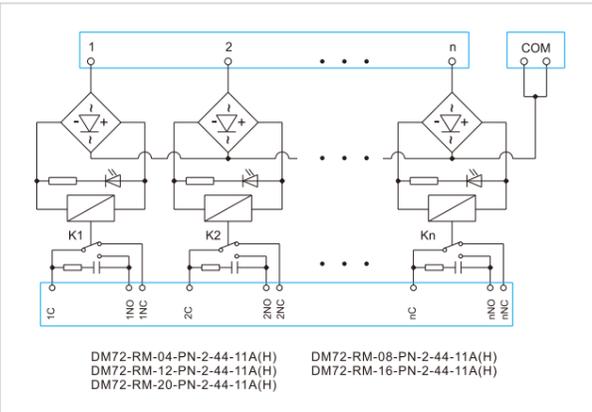


型号 P/N	长L * 宽W * 高H mm
DM72-RM-04-PN-2-44-11A(H)	70 * 90 * 70
DM72-RM-08-PN-2-44-11A(H)	131 * 90 * 70
DM72-RM-12-PN-2-44-11A(H)	194 * 90 * 70
DM72-RM-16-PN-2-44-11A(H)	255 * 90 * 70
DM72-RM-20-PN-2-44-11A(H)	316 * 90 * 70

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**

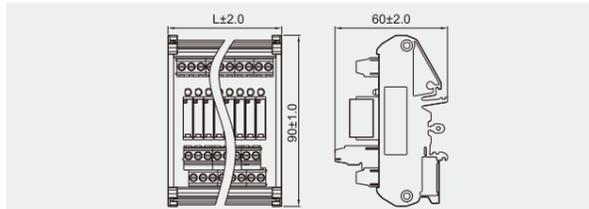
- 本模组提供4、8、12、16、20、24位独立继电器回路。
- 适用于NPN, PNP型控制器。
- 继电器采用1N/O节点, 输出端一对一输出。
- 节省配线空间, 时间和成本。
- 方便查修和维护。

**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

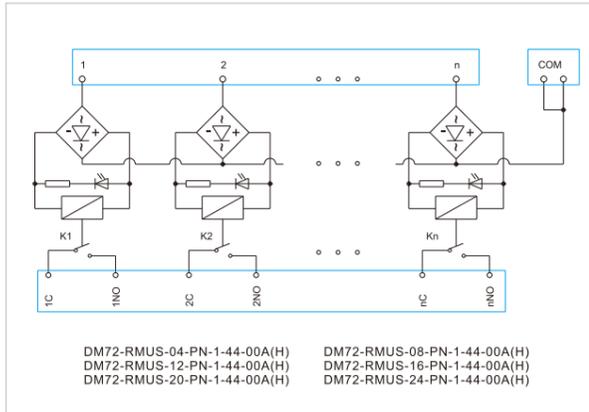


型号 P/N	长L * 宽W * 高H mm
DM72-RMUS-04-PN-1-44-00A(H)	40 * 90 * 60
DM72-RMUS-08-PN-1-44-00A(H)	60 * 90 * 60
DM72-RMUS-12-PN-1-44-00A(H)	80 * 90 * 60
DM72-RMUS-16-PN-1-44-00A(H)	103 * 90 * 60
DM72-RMUS-20-PN-1-44-00A(H)	123 * 90 * 60
DM72-RMUS-24-PN-1-44-00A(H)	145 * 90 * 60

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)

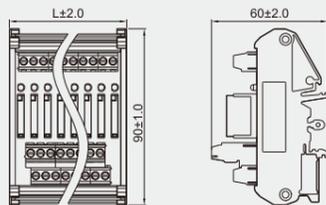
**特点**

- 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。
- 方便查修和维护。

**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

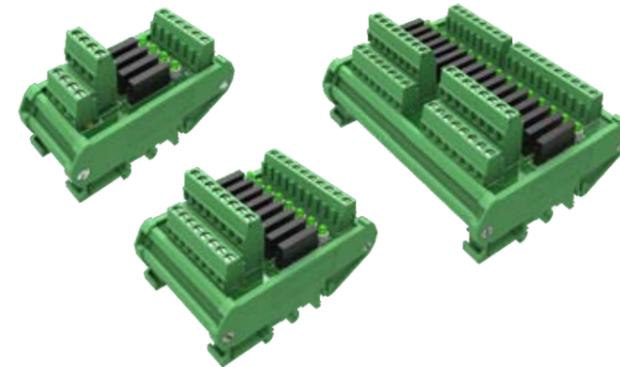
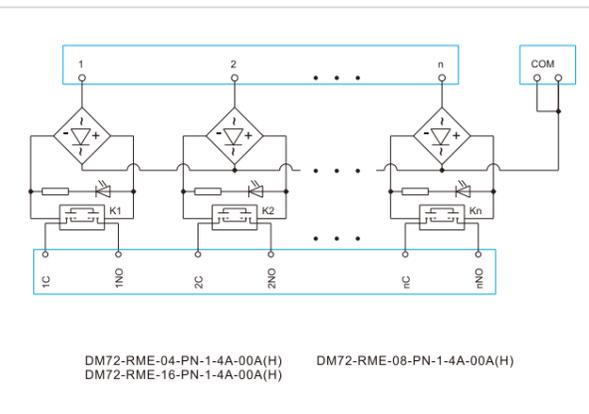


型号 P/N	长L * 宽W * 高H mm
DM72-RME-04-PN-1-4A-00A(H)	40 * 90 * 60
DM72-RME-08-PN-1-4A-00A(H)	62 * 90 * 60
DM72-RME-16-PN-1-4A-00A(H)	117 * 90 * 60

性能参数 Performance Parameters

输入电压 Input Voltage	20VDC~28VDC
最大负载电流 Maximum Load Current	2A
浪涌导电电流 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-1-4D-00A(H)  
DM72-RME-08-PN-1-4D-00A(H)  
DM72-RME-16-PN-1-4D-00A(H)

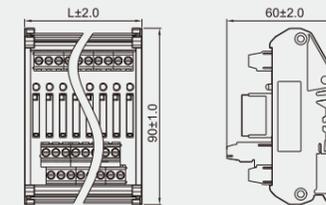
**特点**

- 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。
- 方便查修和维护。

**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

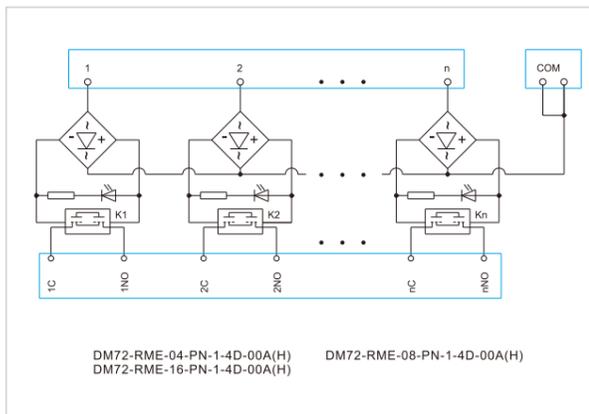


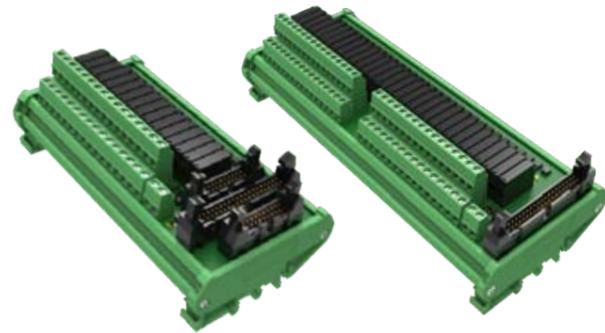
型号 P/N	长L * 宽W * 高H mm
DM72-RME-04-PN-1-4D-00A(H)	40 * 90 * 60
DM72-RME-08-PN-1-4D-00A(H)	62 * 90 * 60
DM72-RME-16-PN-1-4D-00A(H)	117 * 90 * 60

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

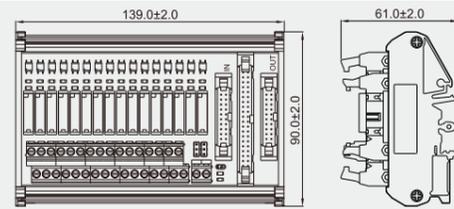
**特点**

- 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。

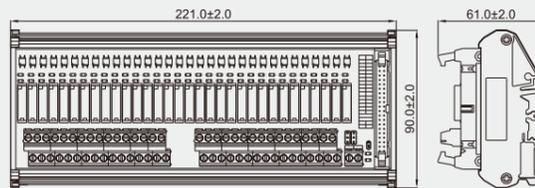
**Features**

- 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

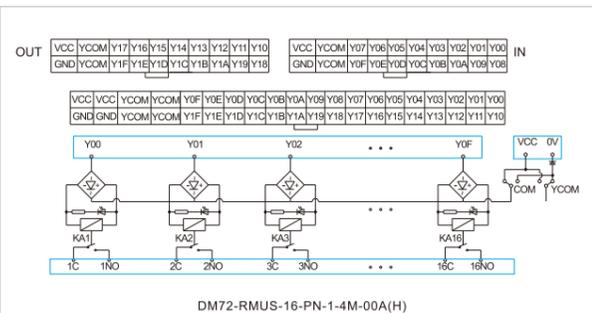


DM72-RMUS-16-PN-1-4M-00A(H)

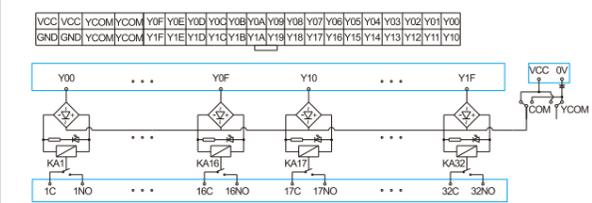


DM72-RMUS-32-PN-1-4M-00A(H)

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	1000MΩ/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 FX2NC-16MT/32MT/64MT/96MT FX3UC-16MT/32MT/64MT/96MT	QY41P/QY42P QY71P/QH42P LY41NT1P/LY42NT1P
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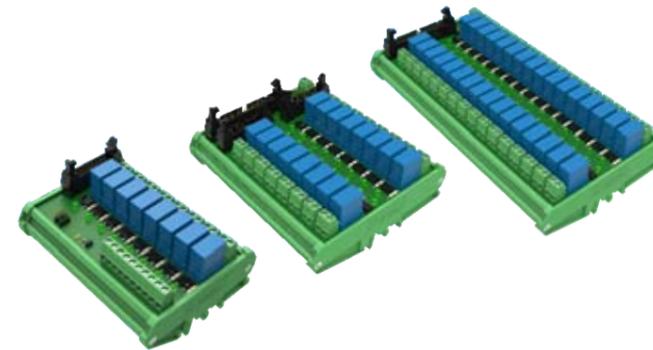
关联产品 Related Products

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)

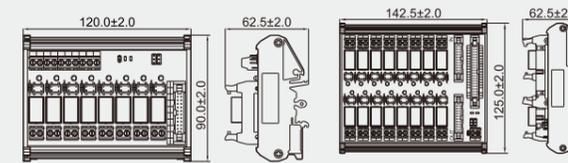
**特点**

- 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。

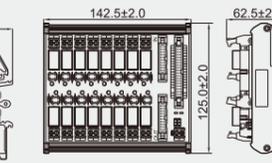
**Features**

- 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.

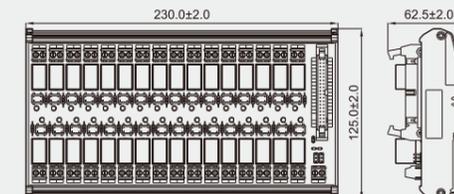
外形图 Dimensions



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

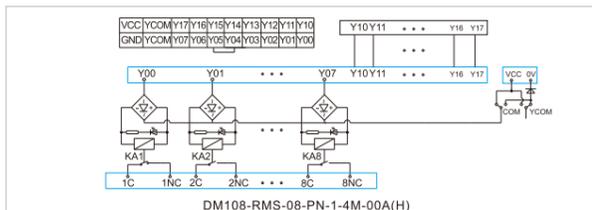


DM108-RMS-16-PN-1-4M-00A(H)

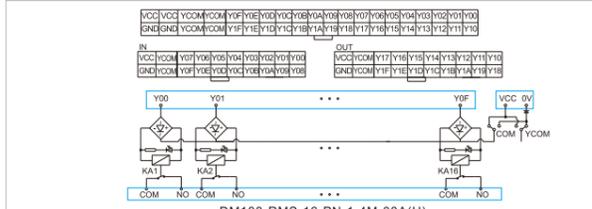


DM108-RMS-32-PN-1-4M-00A(H)

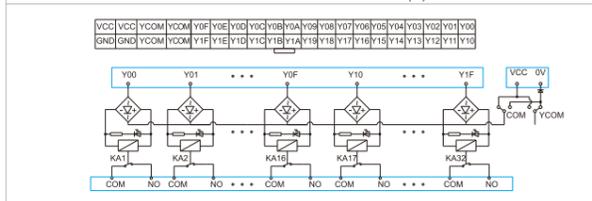
电路图 Circuit Diagram



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	1000MΩ/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

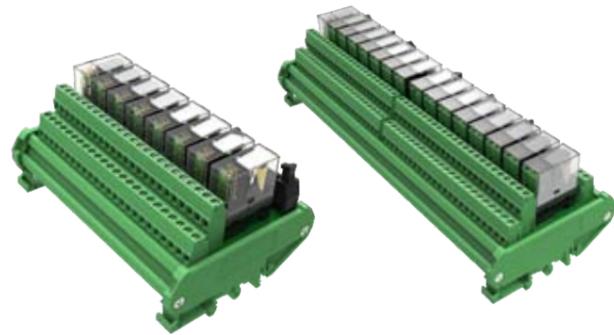
MITSUBISHI Qseries	FX1NC-16MT/32MT FX2NC-16MT/32MT/64MT/96MT FX3UC-16MT/32MT/64MT/96MT	QY41P/QY42P QY71P/QH42P LY41NT1P/LY42NT1P
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关联产品 Related Products

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。
  - 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)

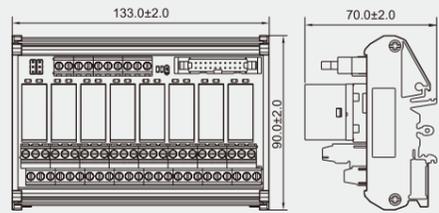
**特点**

- 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。

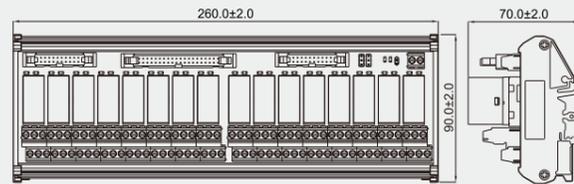
**Features**

- 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

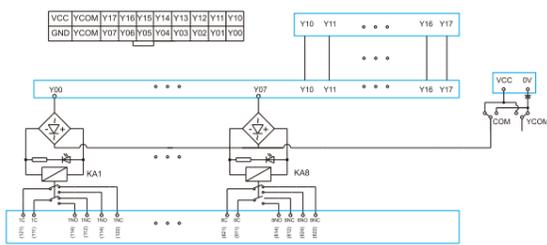


DM72-RM-08-PN-4-4M-01A(H)

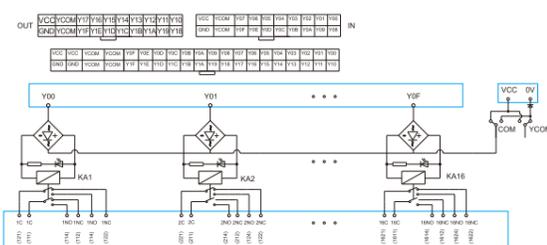


DM72-RM-16-PN-4-4M-01A(H)

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	1000MΩ/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

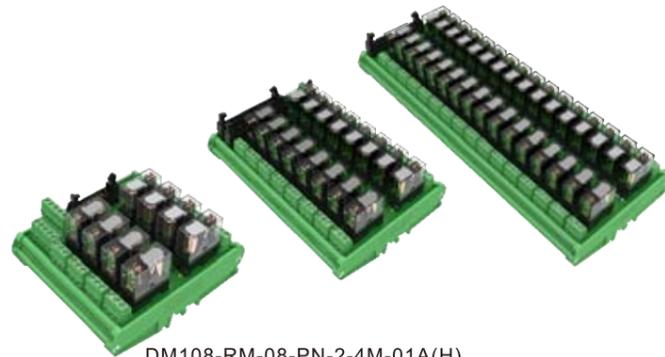
关联产品 Related Products

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)

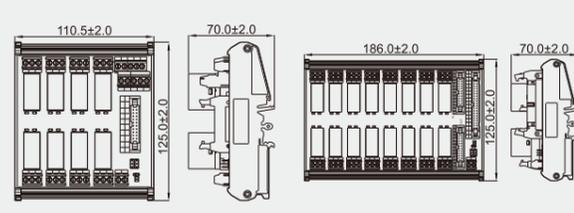
**特点**

- 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**

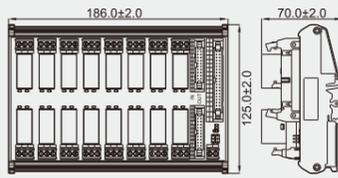
- This module provides 8, 16, 32 bit independent relay circuits.
- Switch NPN, PNP through jumper.
- The relay adopts 1NO/1NC node, and the output terminal outputs one to one.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

外形图 Dimensions



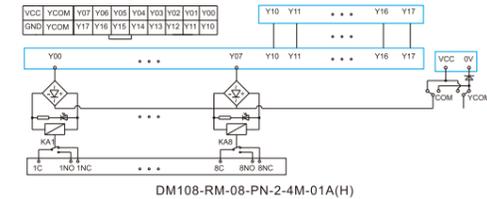
DM108-RM-08-PN-2-4M-01A(H)

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

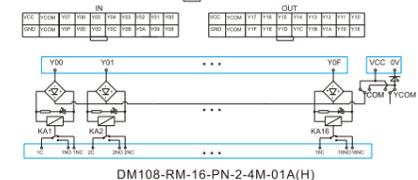


DM108-RM-32-PN-2-4M-01A(H)

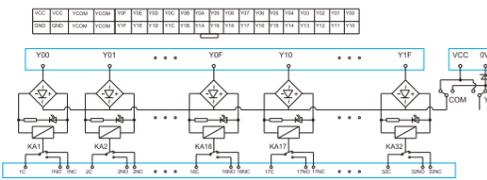
电路图 Circuit Diagram



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	1000MΩ/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

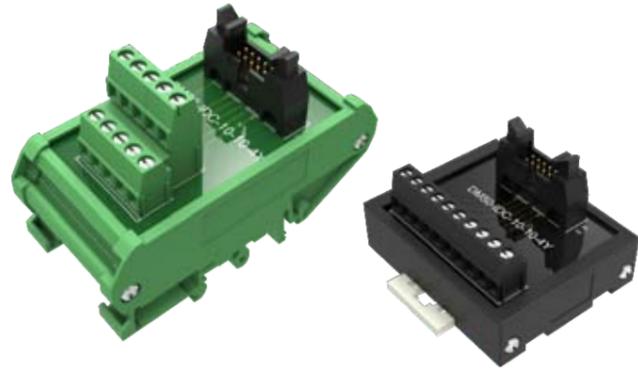
DX210-2 DX210-4

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.



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

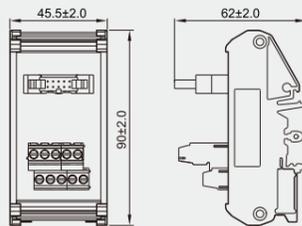
**特点**

- 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。

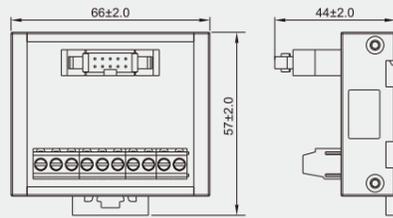
**Features**

- 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

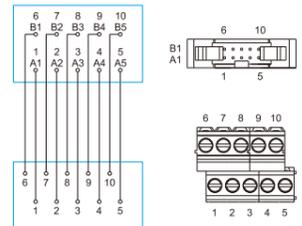


DM72-IDC-10-10-4Y-00A(H)

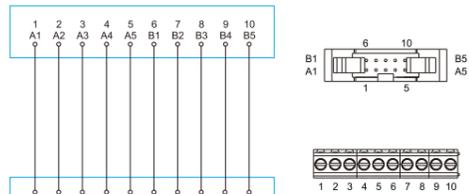


DM50-IDC-10-10-4Y-00A(H)

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

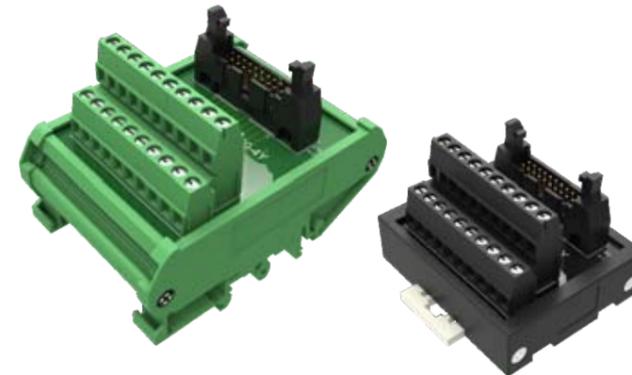
额定电流/电压 Rated Current/Voltage	1A/125VAC
耐电压 Withstand Voltage	500VAC 1min
绝缘阻抗 Insulation Resistance	500MΩ / 500VDC
剥线长度 Stripping Length	7mm
工作环境温度 Ambient Temperature	-20~+70°C
最大扭矩 Maximum Torque	0.4Nm(3.54Lb-In)
使用线径 Wire Range	26-12AWG
安装方式 Mounting	35mm DIN

适用PLC Suitable PLC

KEYENCE	KV-B16XA/XC KV series of small PLC
Panasonic FP0, FPΣ series	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)

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)

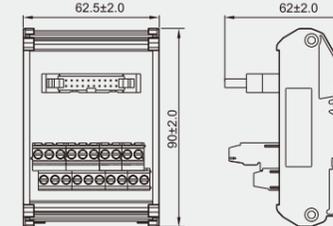
**特点**

- 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。

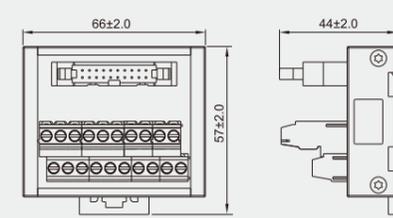
**Features**

- 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

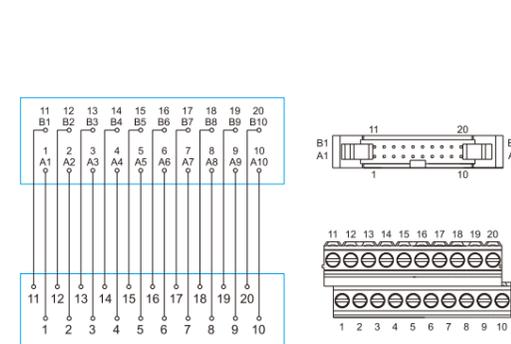


DM72-IDC-20-20-4Y-00A(H)



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)

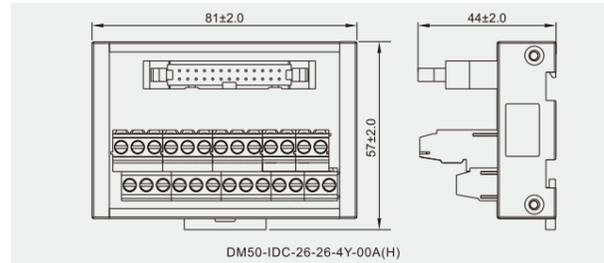
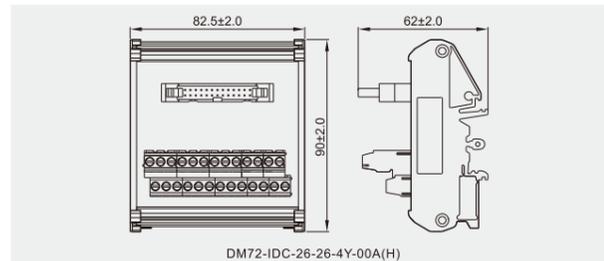
**特点**

- 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



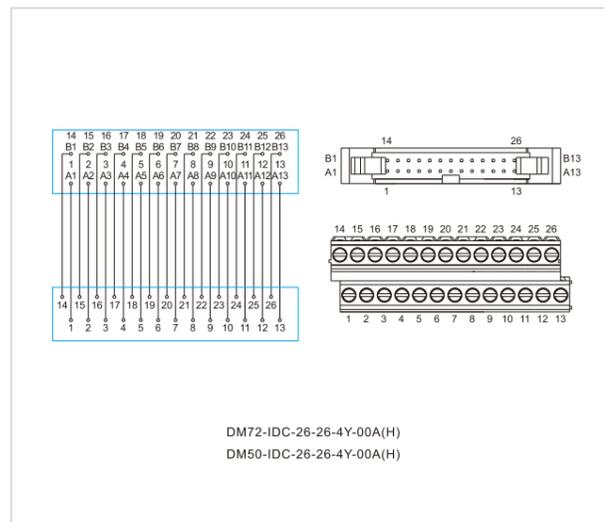
性能参数 Performance Parameters

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

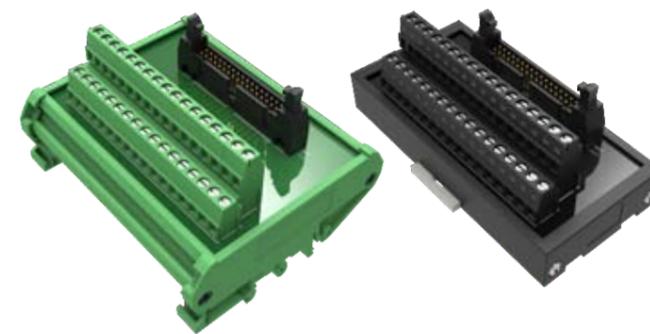
KEYENCE	KL-16CX KL-16CT KL-32CX KL-32CT
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电路图 Circuit Diagram



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)

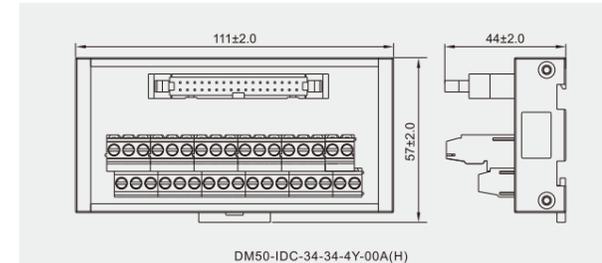
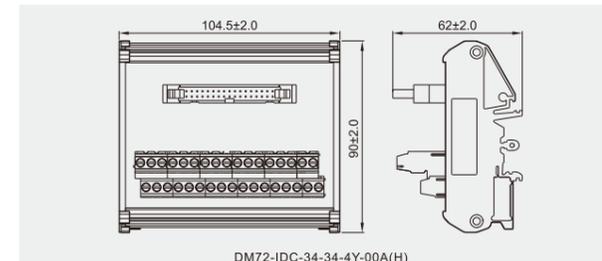
**特点**

- 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



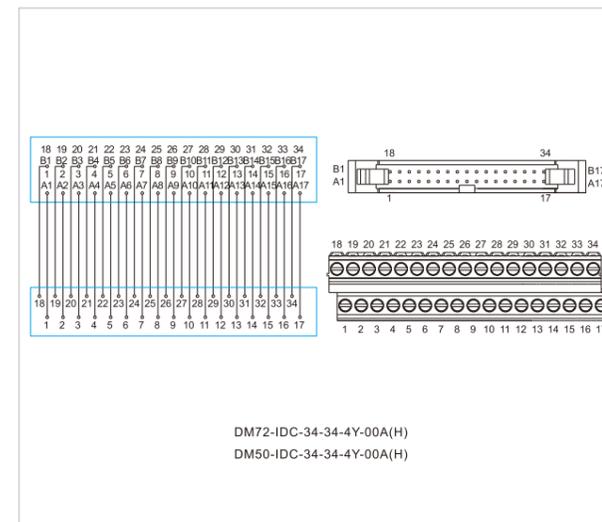
性能参数 Performance Parameters

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
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电路图 Circuit Diagram



关联产品 Related Products

DX200-3 DX210-3



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

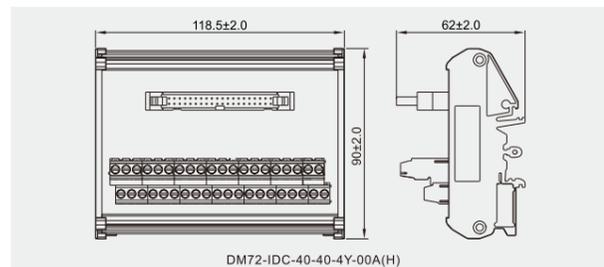
**特点**

- 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。

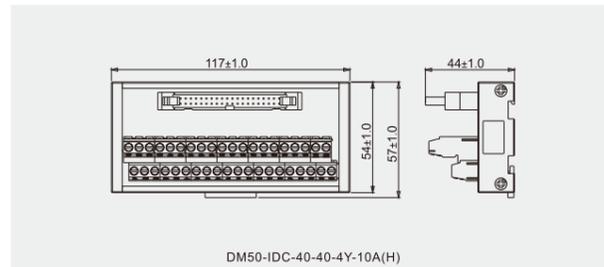
**Features**

- 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

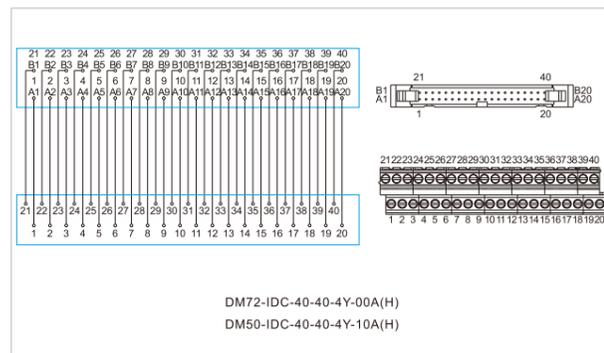


DM72-IDC-40-40-4Y-00A(H)



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)

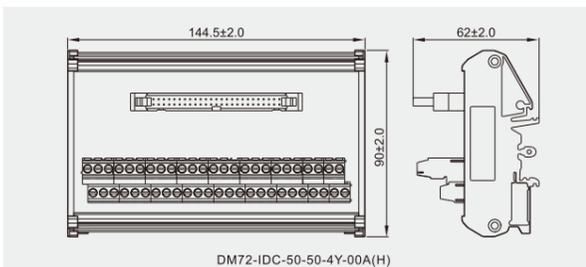
**特点**

- 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。

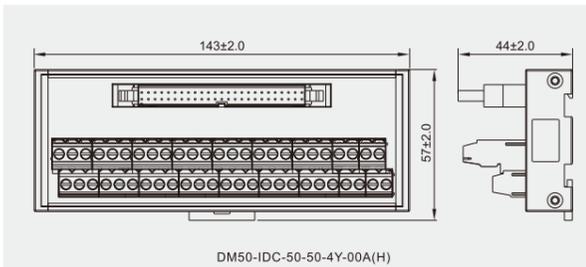
**Features**

- 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

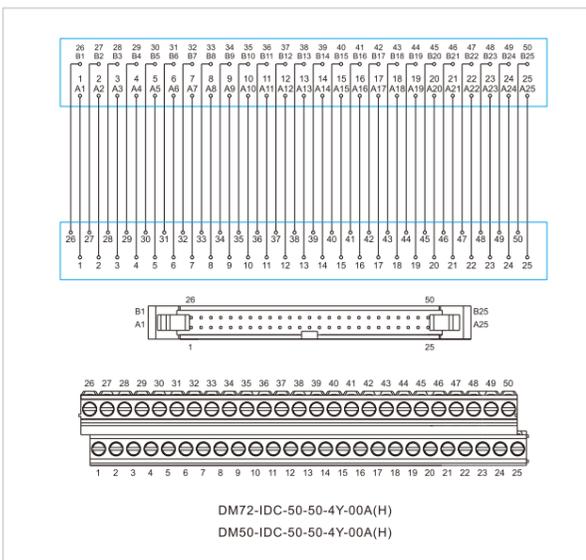


DM72-IDC-50-50-4Y-00A(H)



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

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关联产品 Related Products

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

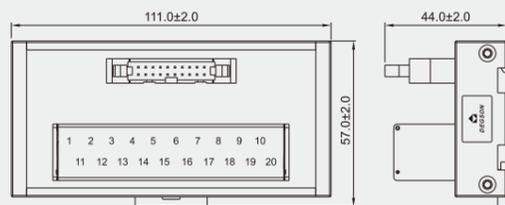
**特点**

- 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**

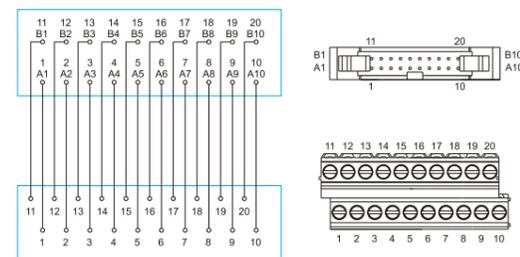
- This module is 20P IDC connector corresponding to 20P barrier terminal blocks.
- Can be used to connect all with 20P IDC connector PLC or controller.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

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)

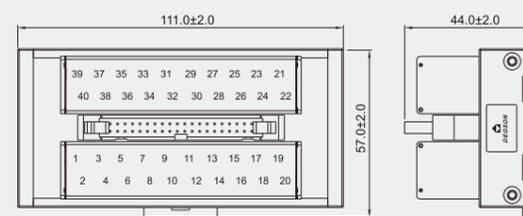
**特点**

- 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**

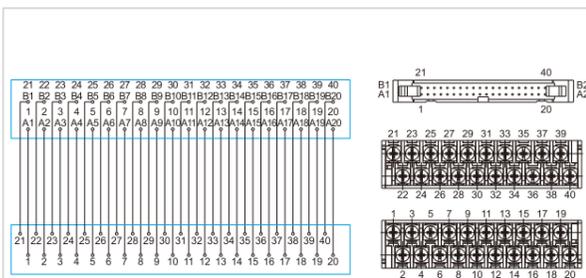
- This module is 40P IDC connector corresponding to 40P barrier terminal blocks.
- Can be used to connect all with 40P IDC connector PLC or controller.
- Save wiring space, time and cost.
- Convenient for repair and maintenance.

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 DX212-2 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-OD263 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)

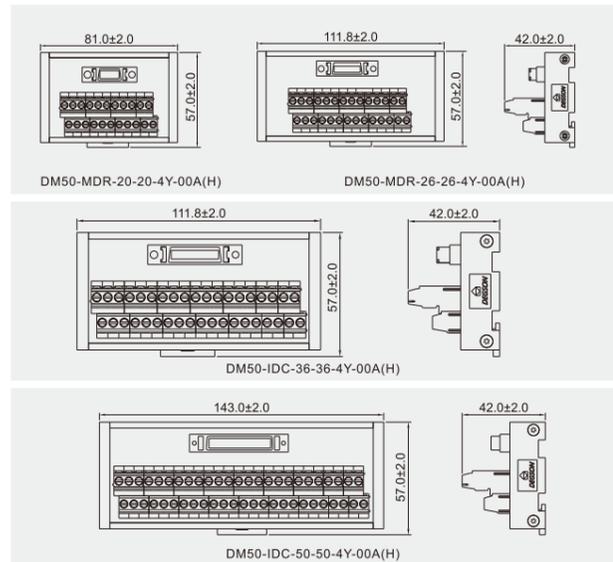
**特点**

- 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

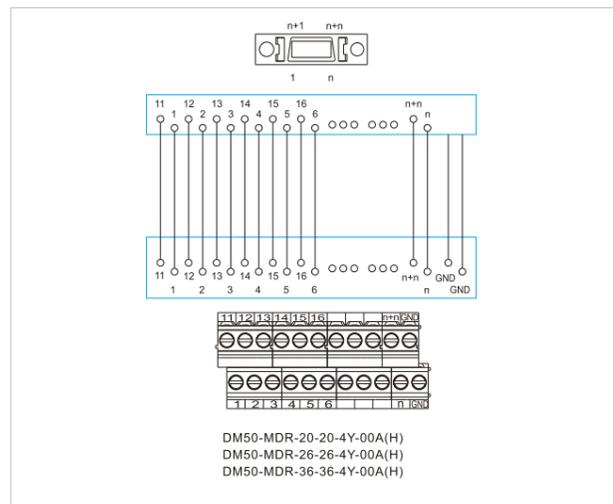
适用 Suitable

PANASONIC DELTA KEYENCE SANYO YASKWA AB FUJI MITSUBISHI

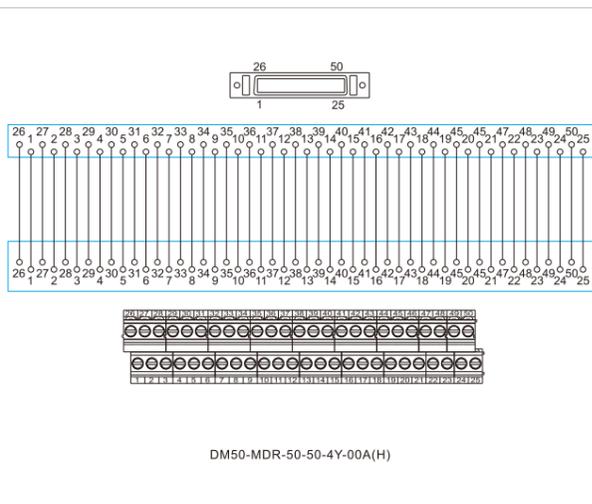
关联产品 Related Products

DX220-1 DX220-2 DX220-3

电路图 Circuit Diagram



电路图 Circuit Diagram



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

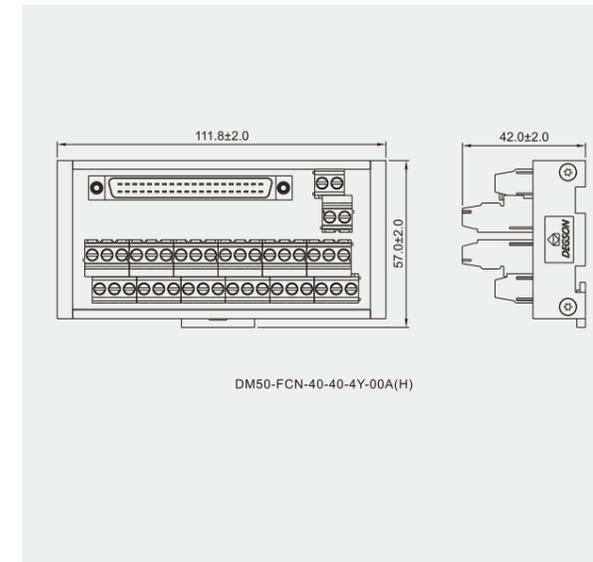
**特点**

- 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



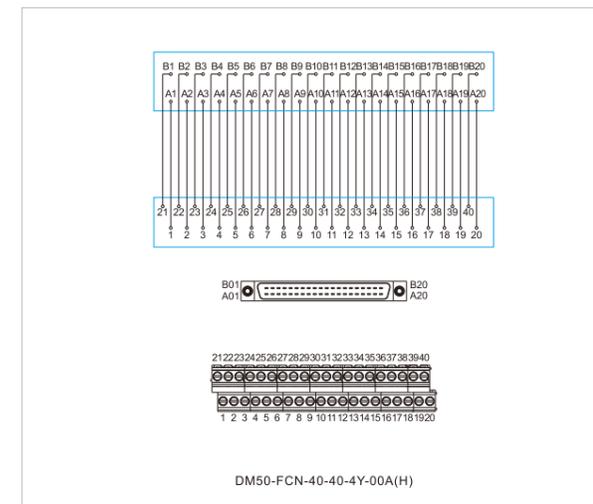
性能参数 Performance Parameters

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

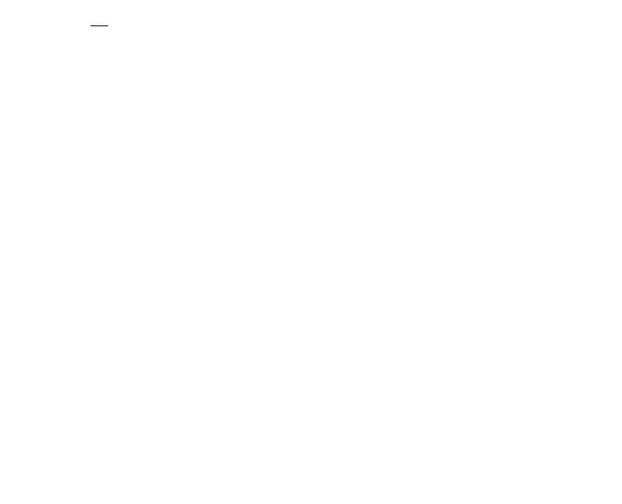
适用PLC Suitable PLC



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



**特点**

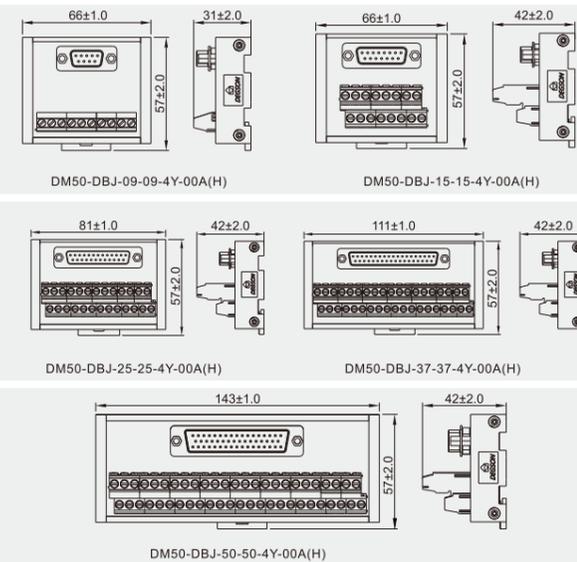
- 本产品为9芯、15芯、25芯、37芯、50芯D-SUB母头接口模组。
- 可以连接各种伺服驱动器、运动控制卡、触摸屏、数控系统等。
- 节省配线空间，时间和成本。
- 方便查修和维护。

**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)

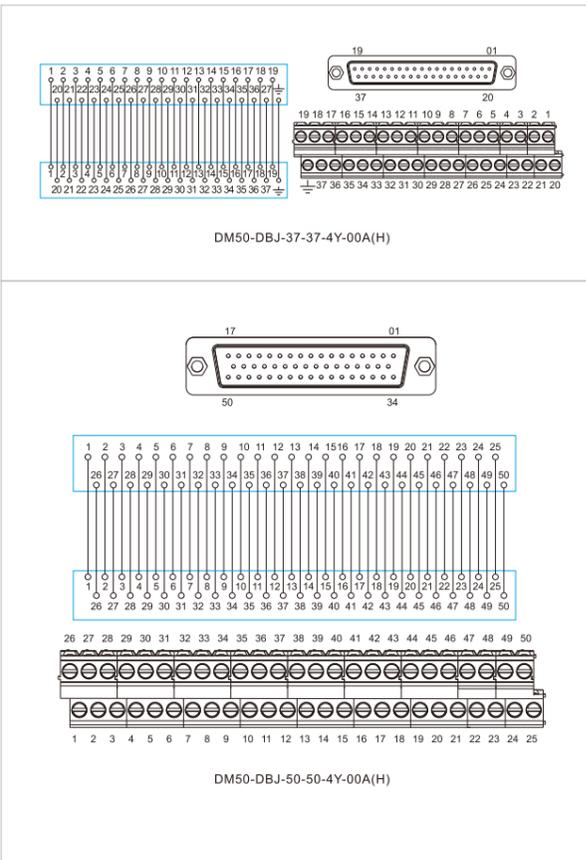
外形图 Dimensions



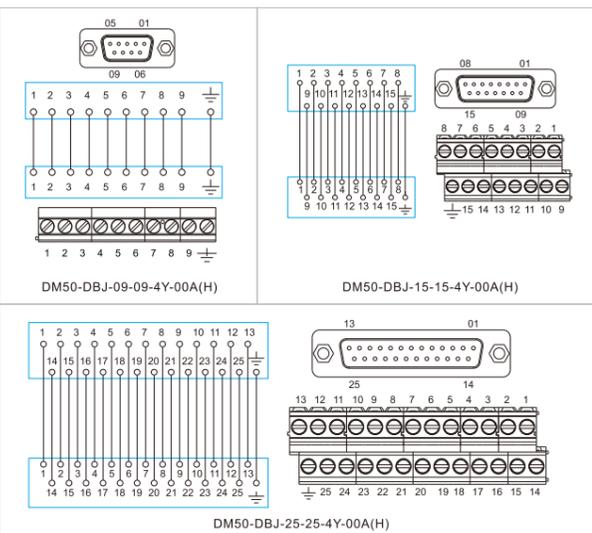
性能参数 Performance Parameters

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



**特点**

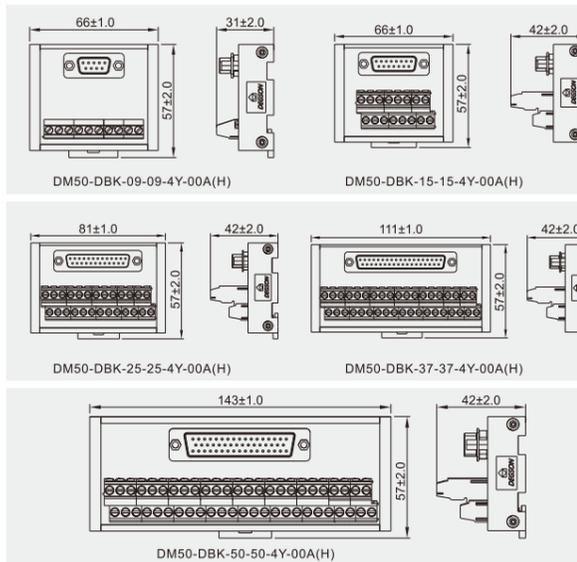
- 本产品为9芯、15芯、25芯、37芯、50芯D-SUB公头接口模组。
- 可以连接各种伺服驱动器、运动控制卡、触摸屏、数控系统等。
- 节省配线空间，时间和成本。
- 方便查修和维护。

**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)

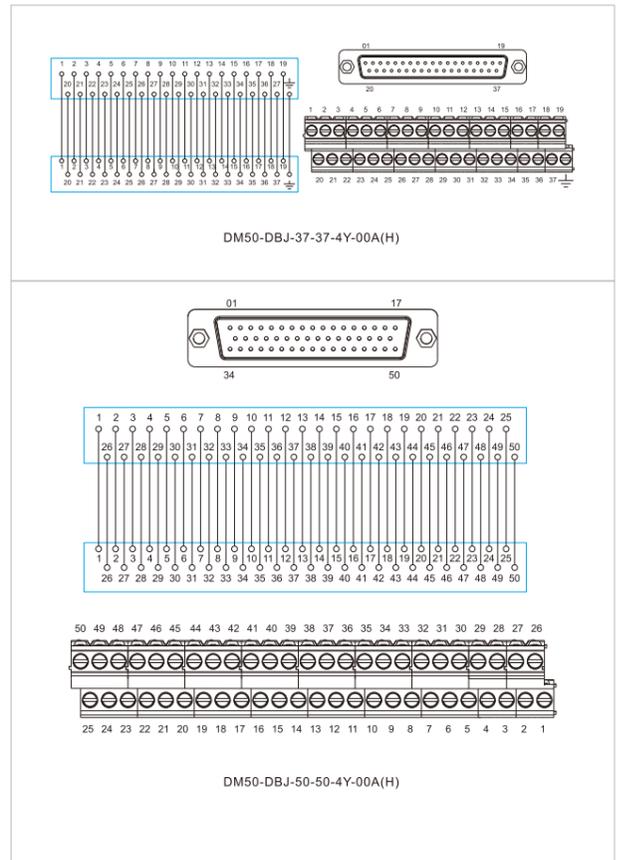
外形图 Dimensions



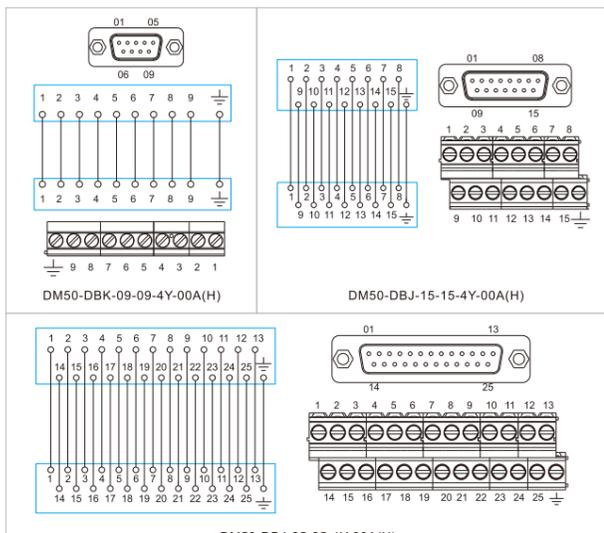
性能参数 Performance Parameters

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)

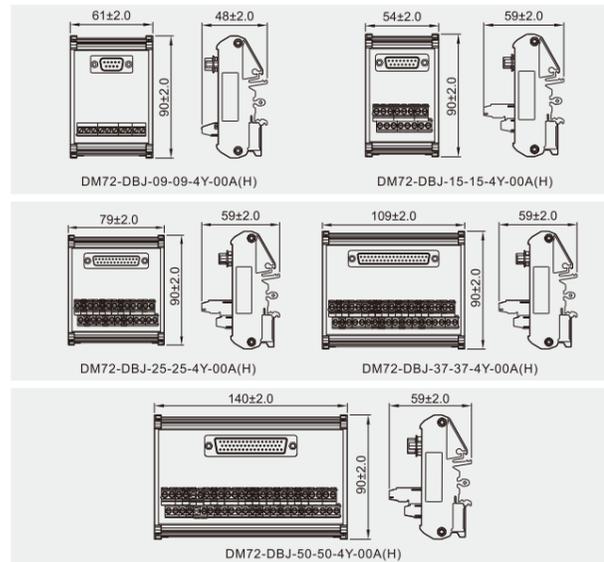
**特点**

- 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.

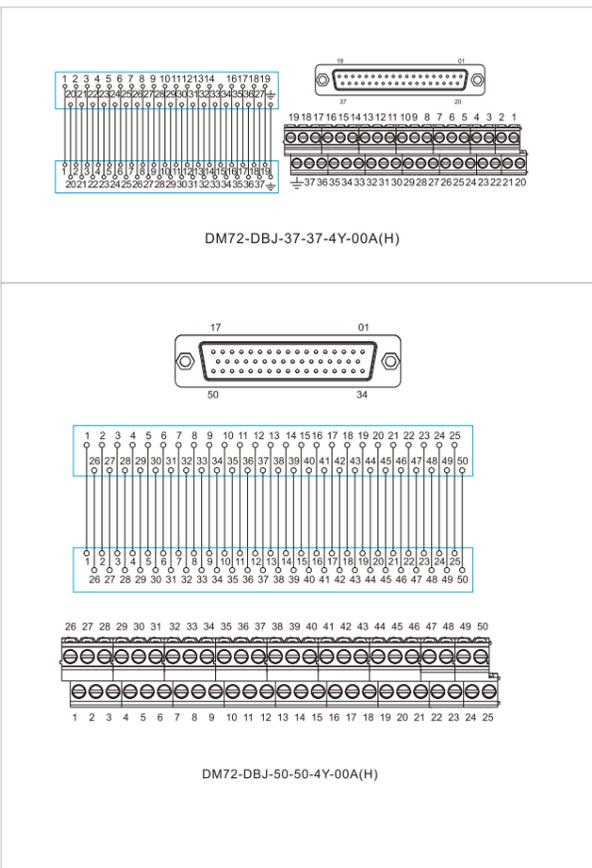
外形图 Dimensions



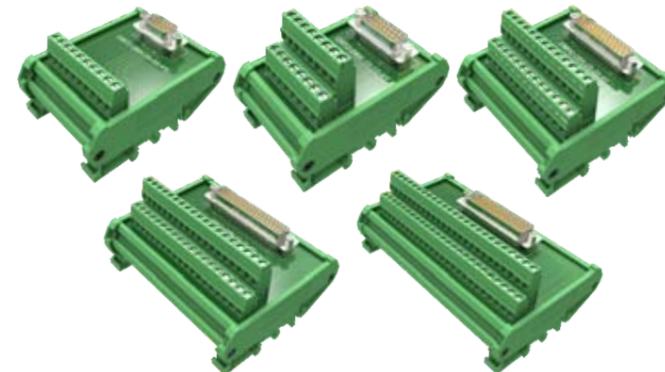
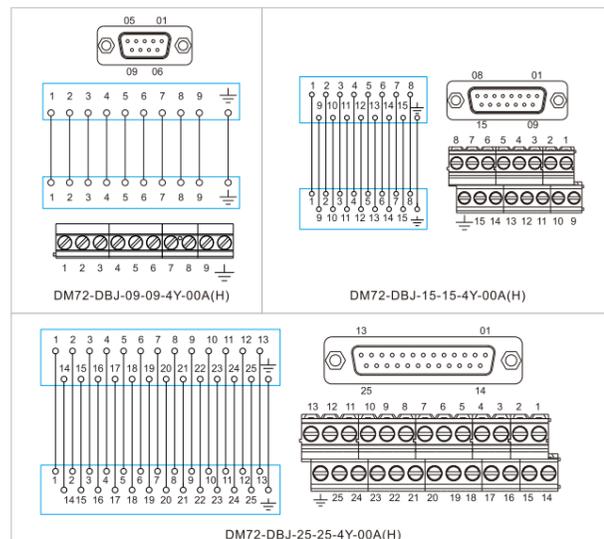
性能参数 Performance Parameters

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)

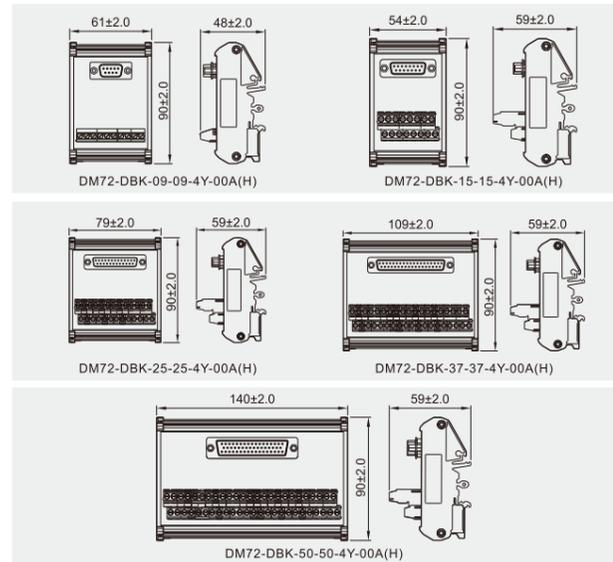
**特点**

- 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.
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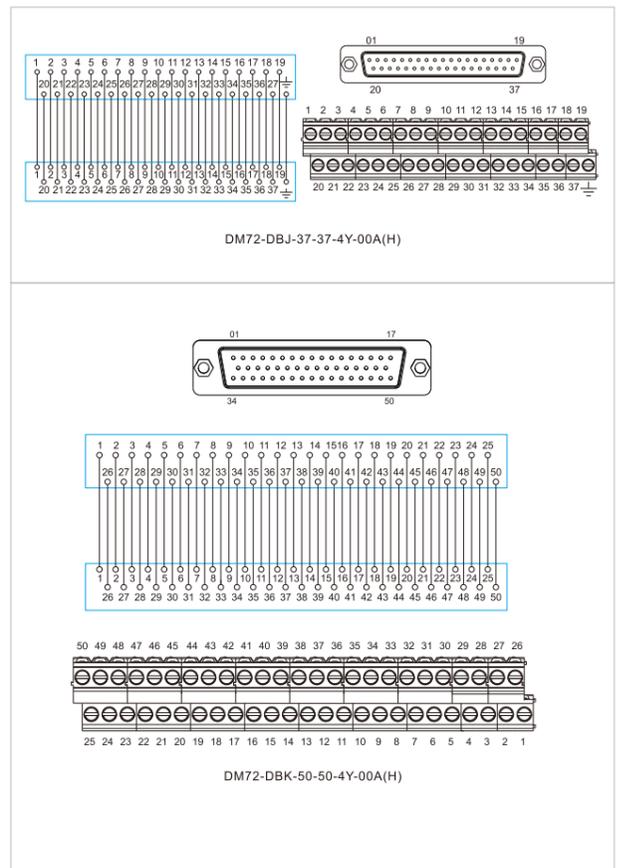
外形图 Dimensions



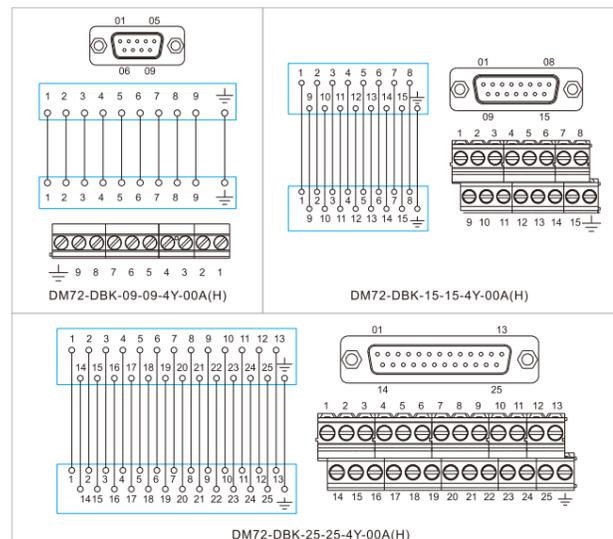
性能参数 Performance Parameters

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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



# 应用领域

DEGSON高松连接器广泛用于机器人、工业自动化、数控设备、纺织机械、轨道交通、监控设备、能源、等各种需要电力、数据和信号连接的设备中。

## FIELD OF APPLICATION

DEGSON connectors are widely used in robot, industrial automation, CNC equipment, textile machinery, rail transit, monitor and control unit, energy and so on various equipments requiring electrical, data and signal connection.



## 环境政策

**DEGSON** 认识到保护环境资源的重要性，并将其视为公司对社会应尽的义务，自觉满足产品的各项环保指标，为此我们制定以下环境战略方针：

- 1、满足客户需求，遵守国家和地方的法律、法规和其它环保要求。
- 2、环境保护为公司可持续发展的一项准则，坚持质量、效益和环保全面发展。
- 3、建立厂内废弃物管理，充分考虑在产品开发、生产、材料使用和废弃物处理等过程中可能影响环境的因素，提高企业内各场所的环境质量。
- 4、实施培训，全面提升全员的环境保护意识，实现环境管理体系和对环境保护能力的持续改进。
- 5、降耗节能，实现资源的充分利用。
- 6、向合作方及社会承诺为环境保护做出贡献。响应口号“人类只有一个地球”。
- 7、不断创新，开发新材料、新技术，制造节约型环保产品。

## ENVIRONMENTAL POLICY

**DEGSON** realizes system regulation without lead in 2005 and has been granted ISO14001 in 2006. All the products conform to the European ROHS requirement.

**DEGSON** realizes the importance to protect environment resources, selfconsciously meets environment protection requirements for products and regards it as the responsibility.

Thus, we have made the following environment strategic policy :

- 1.To meet customers' demands and obey the national and local laws and regulations as well as other environmental protection requirements.
- 2.Take environmental protection as one criterion for continuing development of our company. Insist on fully development of quality, benefit and environmental protection.
- 3.Fully considering the factors which will influence the environment in the processes of product development, manufacturing, material usage and waste processing, establish management system of waste in order to improve the environment of our company.
- 4.To increase the employees' consciousness of environmental protection through training and to realize the continuing improvement of environment management system and the ability of environmental protection.
- 5.To make full use of resources and to decrease consumption of material in order to save energy.
- 6.To promise to our partners and society that we will make contribution to environment protection. There is only one Earth for our humanity.
- 7.To strive for making conservation-oriented and environment-friendly products through continuous innovation and developing new materials and technology.



能源  
Energy



机械设备  
Equipment



过程  
Process



工业自动化  
Industrial automation



电梯  
Elevator



机器人  
Robot



轨道交通  
Rail Transit



电力电气  
Electrical Power

