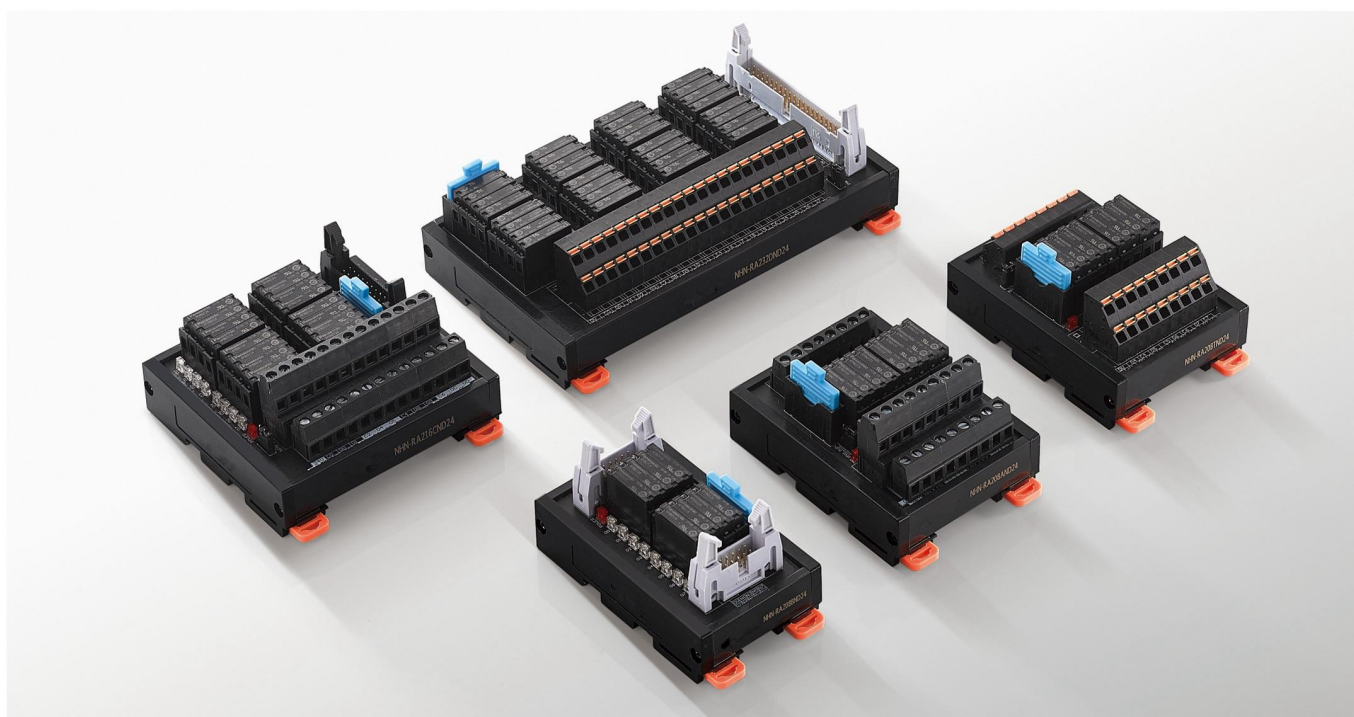


# NHN-RA2

Signal Relay Module  
信号继电器模块

## 产品特点 FEATURES

- 输入/输出侧带浪涌吸收回路，可有效延长继电器触点的寿命，并可减缓负载侧的瞬间冲击电流；
- NPN/PNP双极性输入对应，并且指示灯也会跟随输入信号的不同而亮不同颜色，绿色-NPN，红色-PNP；
- 输入侧接错线保护。
- The input/output side is equipped with surge absorption circuit, which can effectively prolong the service life of relay contacts and slow down the instantaneous impulse current at load side
- NPN/PNP bipolar input is compatible, and the indicator light will also light up in different colors according to the input signal, green-NPN, red-PNP;
- Wrong line protection at input side

## 适用范围 APPLICATION

适用于三菱、西门子、欧姆龙、松下等各类PLC。  
Applicable to Mitsubishi, Siemens, Omron, Panasonic and other PLC.

## 关联产品 RELATED PRODUCTS

APAN3124 继电器 Relay

NHN-RA2系列信号继电器模块底座  
NHN-RA2 Series Signal Relay Module Holder

APAN3124



NHN-RA2□□□□Z

## 输入线圈参数 INPUT COIL PARAMETERS

• 额定电压 Rated voltage	5VDC/12VDC/24VDC
• 额定电流 Rated current	7.5mA, 8.3mA
• 动作电压 Action voltage	75%以上(常温环境)
• 释放电压 Release voltage	5%以下(常温环境)
• 动作时间 Action time	20ms以下
• 释放时间 Release time	10ms以下
• 接触电阻 Contact resistance	30mΩ 以下(DC6V 1A) 100mΩ 以下(DC6V 1A)
• 绝缘阻抗 Insulation resistance	1000mΩ (500VDC)

## 输出触点参数 OUTPUT CONTACT PARAMETERS

• 触点材质 Contact material	银合金 Silver Alloy
• 电气性能 Electrical Performance	5A/250VAC、5A/30VDC
• 机械耐久性 Mechanical durability	5000000次
• 使用环境温度 Operating ambient temperature	-40~85°C(无结冰、无凝霜)
• 使用环境湿度 Operating ambient humidity	20~85%

## 适合电线 SUITABLE WIRE

剥线长度: 6mm 1.5mm<sup>2</sup> Following /AWG16

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## 型号解析 MODEL ANALYSIS

<b>NHN</b>	-	<b>R</b>	<b>A2</b>	<b>04</b>	<b>A</b>	<b>N</b>	<b>D24</b>	/	<b>***</b>
<b>品牌 Brand</b> NNC 继电器模块 NNC Relay module		<b>设计序列号 Design serial number</b> <b>A</b> 信号继电器 Signal relay <b>A2</b> 80mm宽度信号继电器模块 80mm signal relay module			<b>输入/输出端口类型 Input/output port type</b> <b>A</b> 升降端子 Lifting terminal <b>B</b> MIL连接器 MIL connector <b>T</b> 弹片式端子 Shrapnel terminal <b>C</b> B+A组合 B+A combination <b>D</b> B+T组合 B+T combination		<b>工作电压 Working voltage</b> <b>D5</b> 5VDC <b>D12</b> 12VDC <b>D24</b> 24VDC		
		<b>继电器类型 Relay type</b> <b>R</b> 电磁继电器 Electromagnetic relay		<b>继电器控制单元数量 Number of relay control Bit</b> <b>02</b> 2位 2 Bit <b>04</b> 4位 4 Bit <b>06</b> 6位 6 Bit <b>08</b> 8位 8 Bit .....		<b>输出端保护方式 Output protection mode</b> <b>N</b> 无保护 Unprotected <b>C</b> 浪涌抑制 Surge suppression		<b>配置继电器品牌或其他 Configure relay brand or other</b> <b>PAN</b> 松下 Panasonic <b>OMR</b> 欧姆龙 Omron <b>TYC</b> 泰科 Tyco <b>HF</b> 宏发 Hongfa <b>G</b> 出线共线 Outgoing collinear <b>D</b> 5~24VDC负载 Load	
<p>注: 无继电器配置的继电器模块座命名: 在工作电压后增加.Z Note: name of relay module base without relay configuration: .Z after working voltage</p>									

## 产品图展示 PRODUCT DISPLAY

### 配线图及外形图 Wiring Diagram and Dimensions

#### NHN-RA204A/T

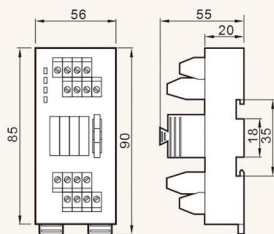
NHN-RA204AND24  
NHN-RA204ACD24



NHN-RA204TND24  
NHN-RA204TCD24

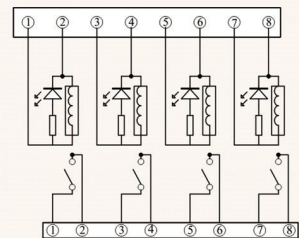


#### 外形尺寸图 Dimensions

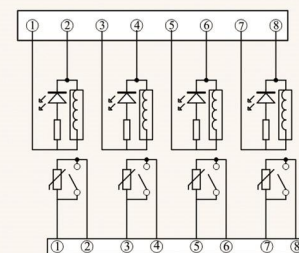


#### 配线图 Wiring Diagram

NHN-RA204AND24  
NHN-RA204TND24



NHN-RA204ACD24  
NHN-RA204TCD24



# NHN-RA2

Signal Relay Module  
信号继电器模块

## 配线图及外形图 Wiring Diagram and Dimensions

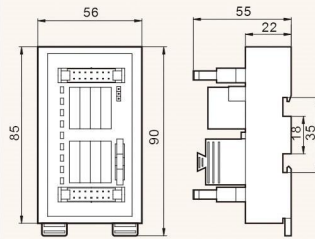
### NHN-RA208B

NHN-RA208BND24/G8-P  
NHN-RA208BCD24/G8-P

(mm)

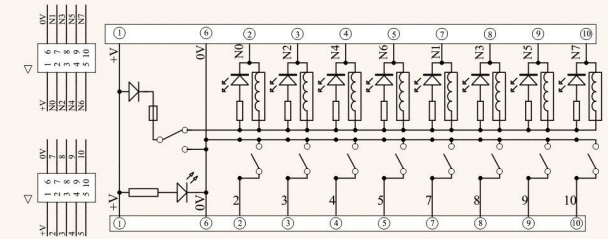


#### 外形尺寸图 Dimensions

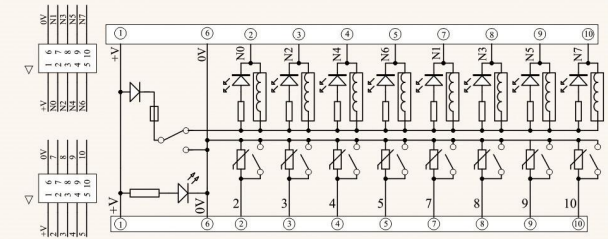


#### 配线图 Wiring Diagram

NHN-RA208BND24/G8-P



NHN-RA208BCD24/G8-P

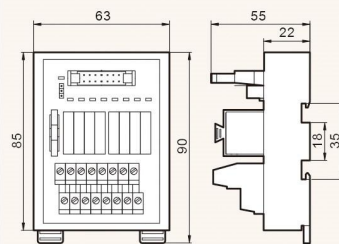


### NHN-RA208C/D

NHN-RA208CND24  
NHN-RA208CCD24

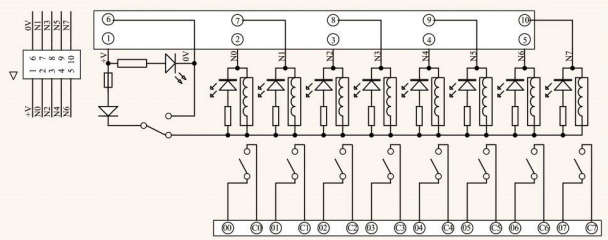


#### 外形尺寸图 Dimensions



#### 配线图 Wiring Diagram

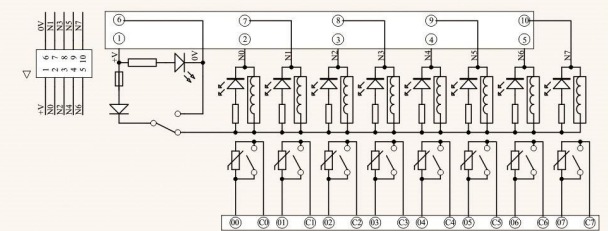
NHN-RA208CND24  
NHN-RA208DND24



NHN-RA208DND24  
NHN-RA208DCCD24



NHN-RA208CCD24  
NHN-RA208DCCD24



# NHN-RA2

Signal Relay Module  
信号继电器模块

## 配线图及外形图 Wiring Diagram and Dimensions

### NHN-RA208A/T

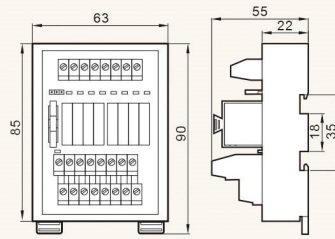
NHN-RA208AND24  
NHN-RA208ACD24



NHN-RA208TND24  
NHN-RA208TCD24

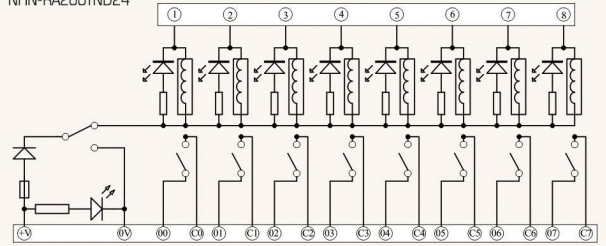


#### 外形尺寸图 Dimensions

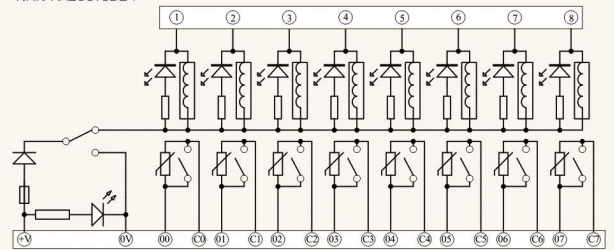


#### 配线图 Wiring Diagram

NHN-RA208AND24  
NHN-RA208TND24

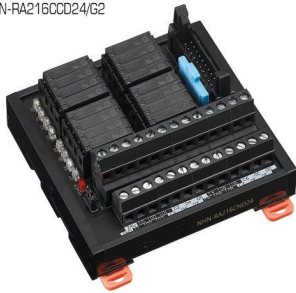


NHN-RA208ACD24  
NHN-RA208TCD24



### NHN-RA216C/D

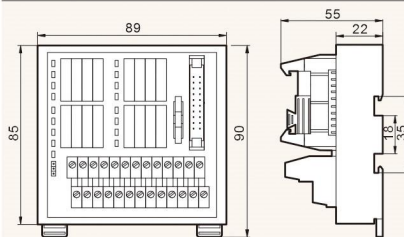
NHN-RA216CND24/G2  
NHN-RA216CCD24/G2



NHN-RA216DND24/G2  
NHN-RA216DCD24/G2

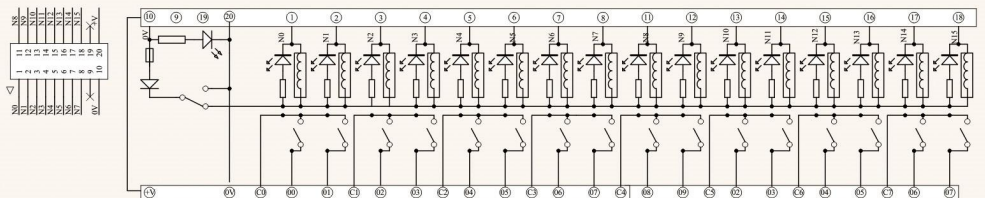


#### 外形尺寸图 Dimensions

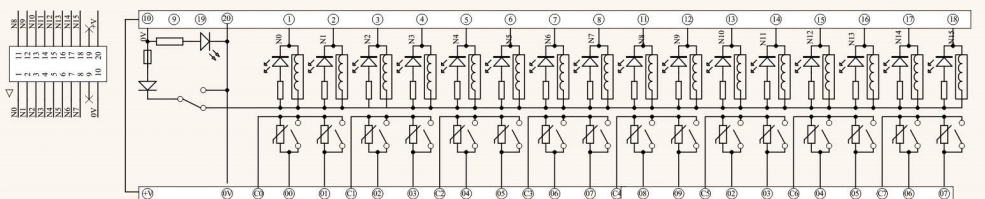


#### 配线图 Wiring Diagram

NHN-RA216CND24/G2 NHN-RA216DND24/G2



NHN-RA216CCD24/G2 NHN-RA216DCD24/G2



# NHN-RA2

Signal Relay Module  
信号继电器模块

## 配线图及外形图 Wiring Diagram and Dimensions

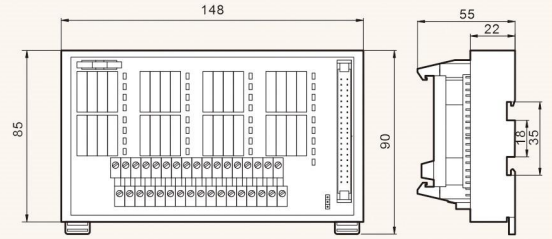
### NHN-RA232C/D

NHN-RA232CCD24/G4  
NHN-RA232CND24/G4  
NHN-RA232CDD24/G32  
NHN-RA232CCD24/G32

NHN-RA232DCCD24/G4  
NHN-RA232DND24/G4  
NHN-RA232DDD24/G32  
NHN-RA232DCCD24/G32

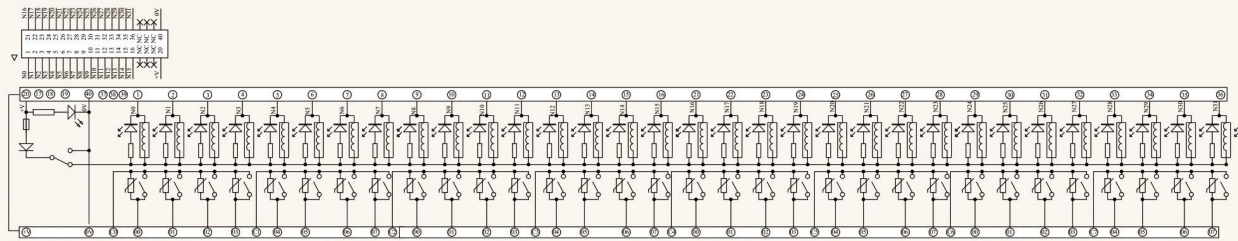
### 外形尺寸图 Dimensions

(mm)

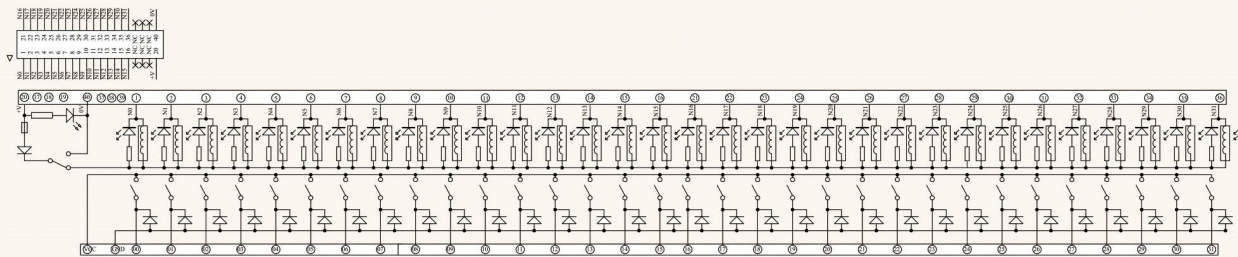


### 配线图 Wiring Diagram

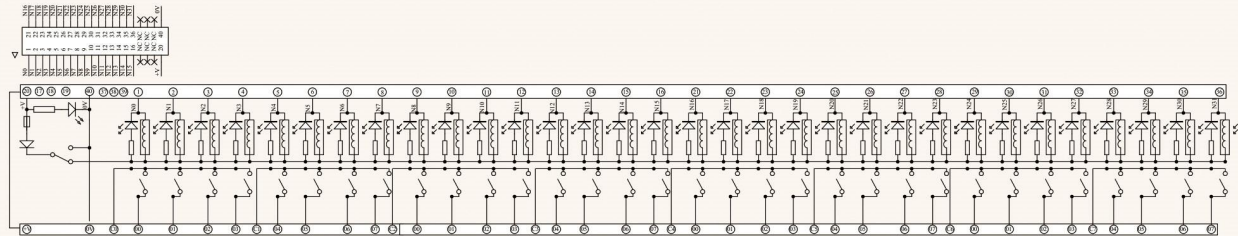
NHN-RA232CCD24/G4 NHN-RA232DCCD24/G4



NHN-RA232CDD24/G32 NHN-RA232DCCD24/G32 负载(5V~24VDC)



NHN-RA232CND24/G4 NHN-RA232DND24/G4



NHN-RA232CND24/G32 NHN-RA232DND24/G32

