

CE

RoHS

IEC:61984



特性
Product features

- 5A触点切换能力
5A contact switching capability
- 体积小，灵敏度高且功耗小
Small size, high sensitivity and low power consumption
- 可提供满足回流焊使用要求产品
Products that meet the requirements of reflow soldering are available
- 备有插座可供选择
Sockets are available

继电器规格 Relay Specifications

APAN3124

触点形式 Contact Form	1NO
接点负荷 Contact Load	5A 250VAC, 5A 30VDC
最大通电电流 Maximum energized current	5A
最大开闭电压 Maximum opening and closing voltage	250VAC/30VDC
额定电压 Rated voltage	24VDC
线圈电流 Coil current	8.3mA
吸合时间 Absorption time	≤10ms
释放时间 Release time	≤10ms
螺丝扭矩 Screw torque	0.8~1.0Nm
线圈电阻 Coil resistance	2880Ω
功耗 Power consumption	200mW
触点材料 Contact material	银合金 (银) Silver alloy (silver)

材质 Material

保护外壳 Protective housing	PC+ABS
透明盖 Transparent cover	PC
线路板 Pcb	Ep0xy 1.6t/2oz
外接导线 Outside wires	0.5-1.25cm ²
接线端子 Terminal blocks	/
卡簧拉力 Circlip pull	/
温度范围 Temperature range	-35~75°C

订货标记示例 Example Of Order Mark

RY 1H 4 -G5NB

企业标识 Enterprise Identity

触点形式 Contact Form 一组常开 1NO

路数 Number of paths 4

继电器类型 Relay type G5NB-A1-E

备注: 1、客户特殊要求由我司评审后, 按特性号的形式标识。

Remarks: 1. After the customer's special requirements are reviewed by our company, they are identified in the form of a feature number.

线圈规格 Coil specifications

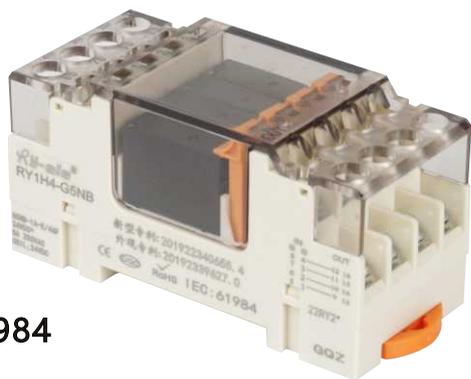
额定电压 Rated voltage(VDC)	5	12	18	24
线圈电阻 Coil resistance(Ω)	40	180	640	2880

继电器配套底座 Relay Matching Base

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特性 Product features

- 线圈与触点间的耐压2500VAC, 绝缘电阻1000MΩ
The withstand voltage between the coil and the contact is 2500VAC, and the insulation resistance is 1000MΩ
- 用二极管对线圈进行保护, 消除逆向电流
The coil is protected with diodes and reverse current is eliminated
- 外壳密封结构, 可防止PCB因外露引起氧化及金属粉尘附着而造成短路
The sealed housing structure prevents short circuits caused by oxidation and metal dust adhesion caused by exposed PCB
- 自带继电器保持及取出器
Comes with relay holding and extractor

性能参数 Performance Parameter

型号 Model	额定电压 Rated Voltage	额定电流 Rated Current	环境温度 Ambient Temperature	介质耐压 Dielectric Strength	插拔寿命 Plug-in life	螺钉扭矩 Screw Torque	外接导线 Size Of Wire	插片材料 Insert material	重量 Weight
RY1H4-G5NB	250VAC	5A	-35°C~70°C	2500VAC	10000	0.8-1.0N.m	7mm	磷铜	约32.98g
G5NB-A2	250VAC	5A	-35°C~70°C	2500VAC	10000	/	/	磷铜	约33.89g

外形图、接线图, 安装孔尺寸 Outline drawing, wiring diagram, mounting hole size

单位: mm

底座 Base	外形尺寸 Form Factor	接线图 Wiring Diagram	可选配件 Optional Accessories
<p>RY1H4-G5NB</p>			<p>连接条 RY1H4-H RY1H4-H1(蓝blue) RY1H4-H1R(红Red) RY1H4-H1B(黑black)</p>
<p>G5NB-A2</p>			

相关配件可选 Related accessories are available

单位: mm

连接条 Connection Strips

RY1H4-H1(蓝blue)RY1H4-H1R(红Red)RY1H4-H1B(黑black)

RY1H4-H

