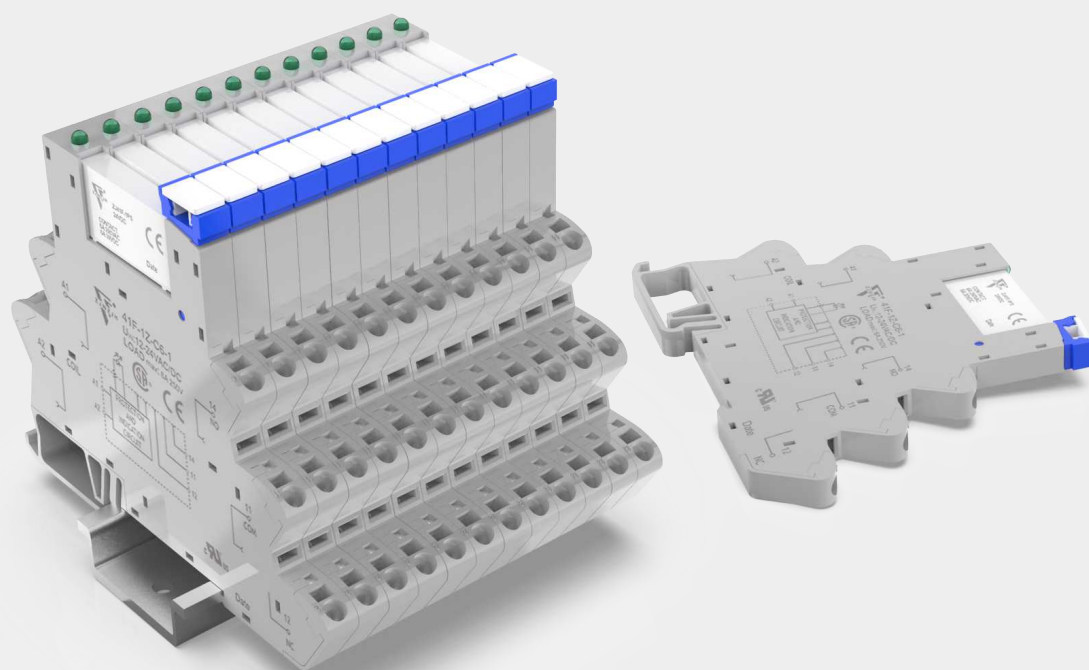


# 41F超薄型Push-In继电器系列

## INTERFACE RELAY SERIES

超过30年的领先技术经验，致力于成为世界领先的继电器制造商



■ 无需工具即可安装和拆下继电器和底座，操作简单快速  
The relay and base can be installed and removed without tools, and the operation is simple and fast.

■ 继电器  
Relay  
ZJ41F

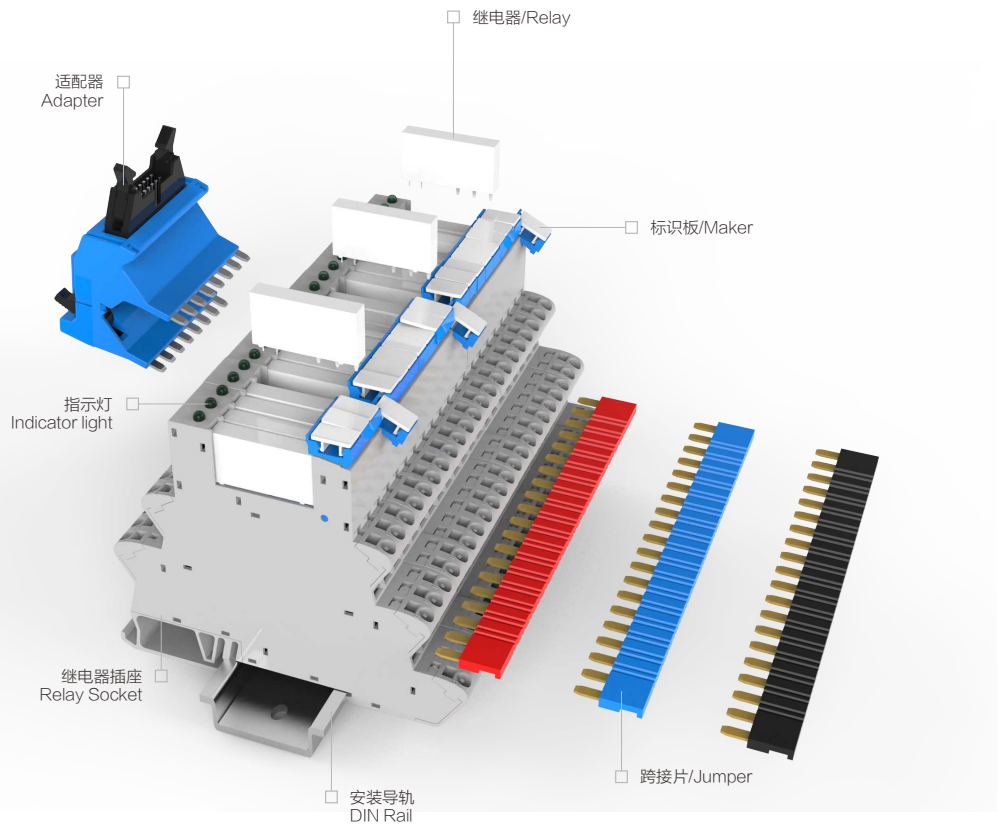
■ 适配器  
Adapter  
JH-AR

■ 标识板  
Maker  
14F-T  
用于粘贴和记号标识,方便后续查找检查  
It is used for pasting and marking identification to facilitate subsequent search and inspection

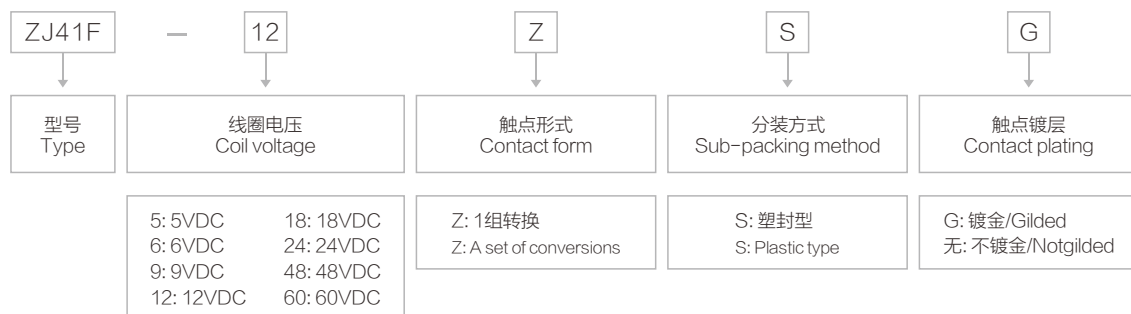
■ 继电器插座  
Relay Socket  
41F-1Z-C6

■ 隔离板  
Separator  
41F-S

■ 跨接片  
Jumper  
■ 41F-JB黑色/ Black  
■ 41F-J1蓝色/ Blue  
■ 41F-JR红色/ Red



## 继电器型号命名/ Relay Select Code



技术参数/ Technical Data

型号 Type	ZJ41F
触点形式 Contact arrangement	1Z
触点材料 Contact material	Ag alloy
负载 Load	
-阻性 Impedance	6A 250VAC/30VDC
切换电压 Max.switching voltage	400VAC/125VDC
切换电流 Max.switching current	6A
切换功率 Max.switching power	1500VA/180W
接触电阻 Contact resistance	
-镀金触点 Gold plated contacts	$\leq 30m\Omega$ (1A 6VDC)
-非镀金触点 Non-gold plated contacts	$\leq 100m\Omega$ (1A 6VDC)
电气寿命 Electrical endurance	$1 \times 10^4$ 次
机械寿命 Mechanical endurance	$1 \times 10^7$ 次

性能参数/ Characteristics

动作时间 Operating time(at rated voltage)	$\leq 8ms$
释放时间 Release time	$\leq 4ms$
温度范围 Ambient temperature(at rated voltage)	$-40^{\circ}C \sim +85^{\circ}C$
线圈功率 Coil power	5VDC~24VDC:~0.17W
环境湿度 Environmental humidity	5%~85%RH
引出端形式 Termination	印制板式PCB
封装方式 Packaging method	塑封型 Plastic sealed
重量 Weight	~5g
介质耐压 Dielectric strength	
-线圈和触点间 Contacts coil	4000VAC 1Min
-断开触点间 Between open contacts	1000VAC 1Min
耐冲击 Shock resistance	
-稳定性 Functional	$49m/s^2$
-强度 Destructive	$980m/s^2$
耐振动 Vibration resistance	10~55Hz 双振幅: 1.0mm
绝缘电阻 Insulation resistance	$\geq 1000M\Omega$ (500VDC)

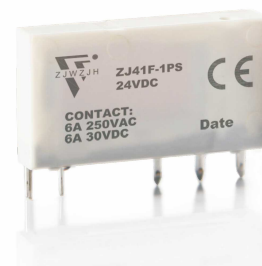


Fig.1. 接线图/ Wiring Diagram



Fig.2. 耐久性曲线/ Endurance Curve

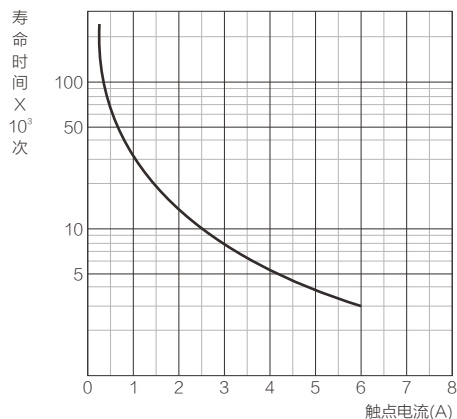
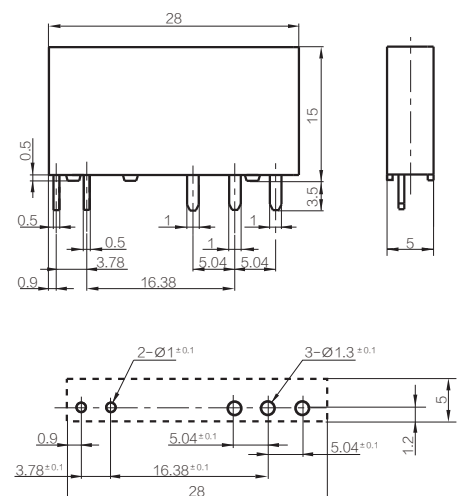


Fig.3. 外形尺寸图/ Dimensions



认证/ Standards



# Push-In 插座/ Relay Socket | Push-In

41F-1Z-C6



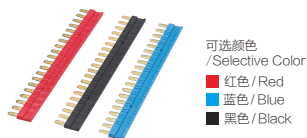
型号 Type	41F-1Z-C6
额定负载 Nominal load	
-电流 Current	10A
-电压 Voltage	250V
介质耐压 Dielectric strength	2500V/min
剥线长度 Stripping length	10mm
适用导线截面积 Wire cross section	
-单股导线 Single wire	1x2.5mm <sup>2</sup>
-多股导线 Stranded wire	2x1.5mm <sup>2</sup>
使用环境 Ambient temperature	-40°C~+85°C

## 产品说明/Product references

型号 Type	输入电压 Input voltage	适用继电器线圈电压 Applicable relay coil voltage
41F-1Z-C6-1	(12-24)V AC/DC	(12-24)V DC
41F-1Z-C6-2	(48-60)V AC/DC	(48-60)V DC
41F-1Z-C6-3	(110-125)V AC/DC	60V DC
41F-1Z-C6-4	(220-240)V AC/DC	60V DC
41F-1Z-C6-5	(6-24)V DC	(6-24)V DC

## 附件 Accessories

### 跨接片/Jumper



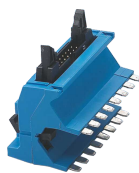
规格/specifications: 41F-J1(蓝色) / 41F-JR(红色) / 41F-JB(黑色)

### 隔离板/Separator



规格/specifications: 41F-S

### 适配器/Adapter



规格/specifications: JH-AR

### 标识板/Marker



规格/specifications: 41F-T

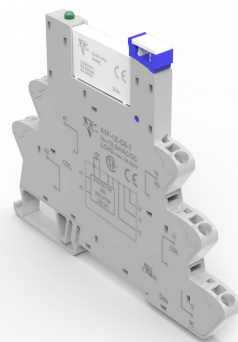


Fig.1. 接线图/ Wiring diagram

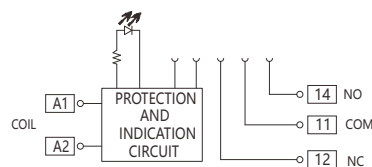
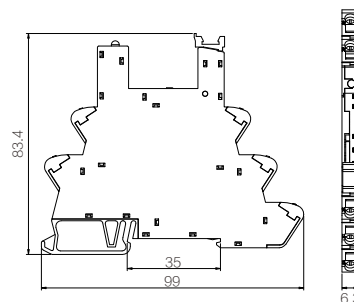



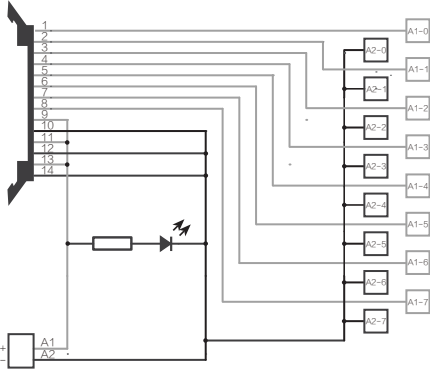
Fig.2. 尺寸图/ Dimensions (mm)





## 认证/ Standards




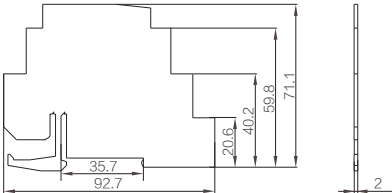
适配器/ Adapter

		型号/Model	JH-AR	
		额定电流(每个信号路径) Rated current(per signal path)	1A	
		最低供电功率 Minimum required supply power	3W	
		标准电压(UN) Nominal voltage	24V DC	
		工作范围 Operating range	(0.8~1.1)UN	
		电源状态指示 Power supply status indication	Green LED	
		环境温度范围 Ambient temperature range	-40°C~+70°C	
		连接器类型 Type of connector	14 pole, according to IEC 60603-13	
		剥线长度 Wire strip length	9.5mm	
		螺丝扭矩 Screw torque	0.5Nm	
最大线径 Max.wire size	实心线 Solid wire	1x4/2x1.5 mm <sup>2</sup>	1x12/2x16 AWG	
	多股线 Stranded wire	1x2.5/2x1.5 mm <sup>2</sup>	1x14/2x16 AWG	
接线图/Wiring diagram				


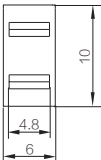
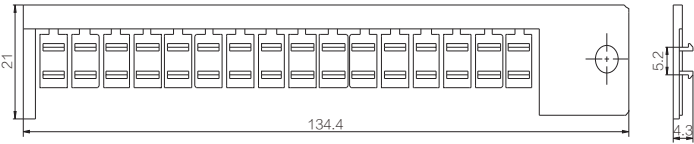
跨接片/Jumper

	41F-J1(蓝色)	41F-JR(红色)	41F-JB(黑色)
			

隔离板/Separator

	41F-S
	

标识板/Marker

	41F-T	41F-M1
		



本文件已打印在生态纸上  
Printing with environmentally friendly paper



本手册属温州金宏电器有限公司印制，仅用于说明本系列产品的相关信息。金宏电器可能因技术升级或采用更新的生产工艺而改进手册有关内容，或对本手册的印刷错误及不准确的信息进行必要的改进和更改，恕不另行通知。商家订货时请联系公司，以证实相关信息。

This manual is intended for on-site installation and product use by Jinhong Electric(KINRED) Please retain the technical documentation and drawings for future reference.

For detailed information regarding this manual, please contact the relevant department or our customer service. Specifications are subject to change without prior notice.

本公司已完成宣传文案整改，所有业务资料均以现行最新版目录为准，旧版作废。

We have revised non-compliant wording in old catalogs. The latest version shall prevail; all previous versions are invalid.



**温州金宏电器有限公司**  
WENZHOU JINHONG ELECTRICAL APPLIANCE CO., LTD

更专业的技术服务



www.wzjh.cc



T +86-577-57187518  
F +86-577-57187788  
E admin@wzjh.cc

Address

浙江省乐清市城东产业功能区永兴二路10号  
Yongxing second Road 10#, Chengdong industrial functional area, Yueqing city, Zhejiang Province.