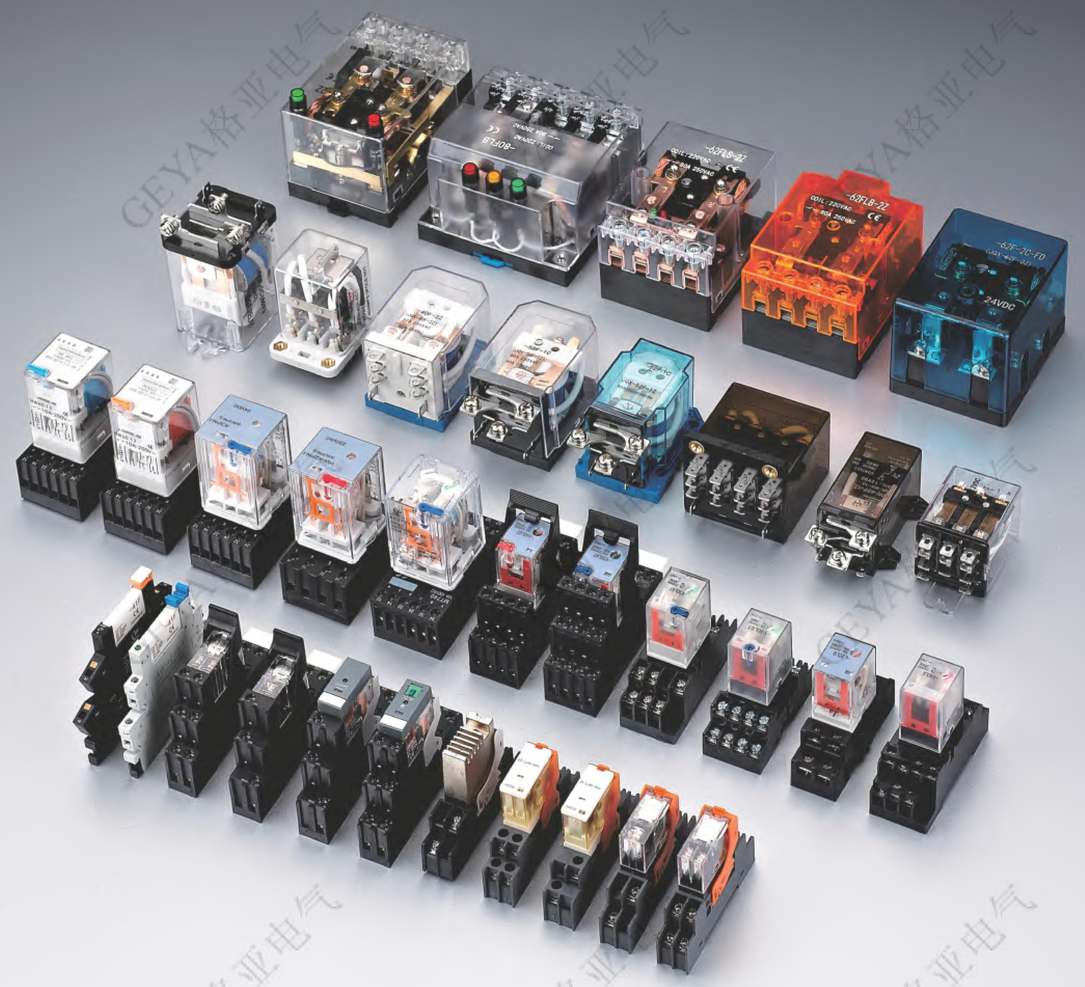
GEYA



⚠ 警告：因产品技术升级，此手册技术参数仅供参考！
Warning: Due to technical upgrade of the product, the technical date of this manual are for reference only!

产品导购手册
PRODUCT CATALOGUE

GEYA格亚电气

大功率继电器新能源系列
New Energy Power Relay

大功率继电器新能源系列New Energy Power Relay

GR5-53F2Z

GR5-53F2Z-P

GR5-53F3Z

GR5-53F3Z-P

产品特点Product characteristics

- 可选配法兰式安装
  it can choose the flange mounted type
- 产品配有点动、带自锁式测试按钮
  the products with the inching test button which Self-locking
- 配套插座HW53S-□E
  It can match the socket for HW53S-E

型号及其含义Type and meaning

GR5	53F	3	□	-	P	L	T	□VDC
1	2	3	4		5	6	7	8

1 企业代号：格亚电气
Enterprise Code：Geya Electric

2 设计序号
Serial Number

3 触点组数：2、3
Number of contact groups：two,three

4 触点形式：Z转换 H常开 D常闭
Contact Form：z-conversion type H-normally open contact D-normally closed contact

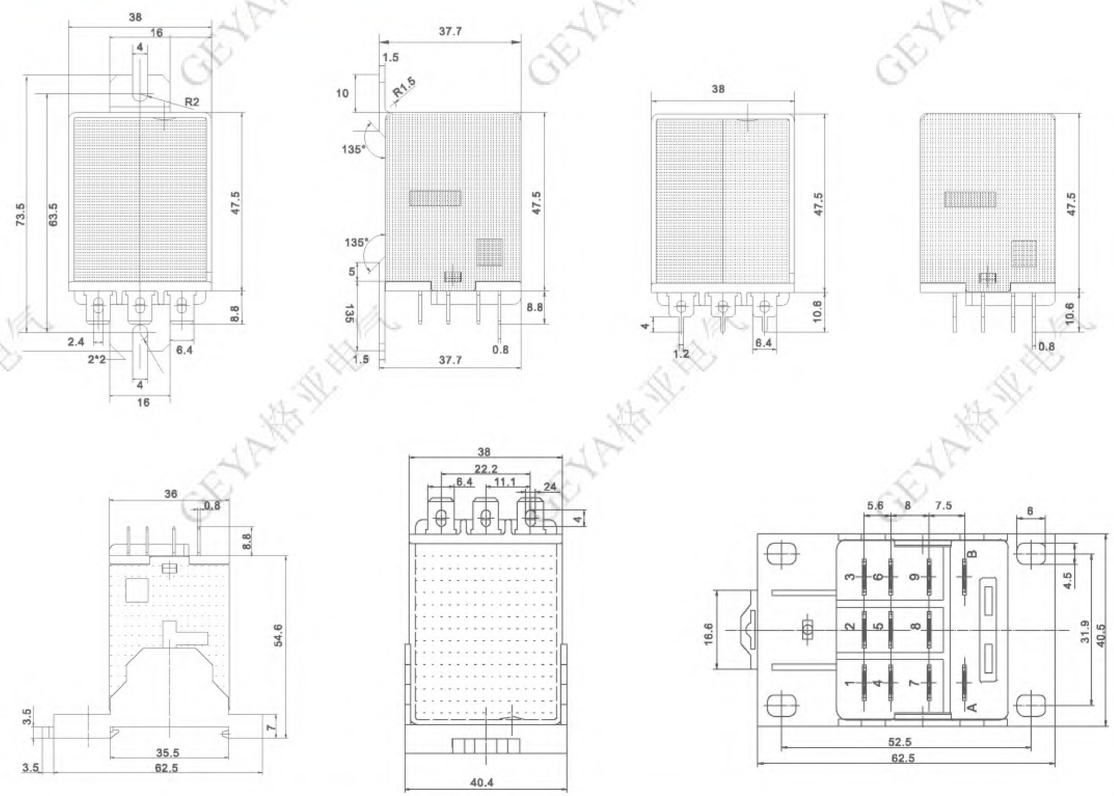
5 安装方式：F:法兰式 P:PCB式 无字母：插拔式
mounted type：F:flange mounted type P:PCB mounted type No Letters: plug-in moudted

6 工作状态：L:LED指示 无字母：无指示
operating state:L:LED indicate No Letters:no indicate

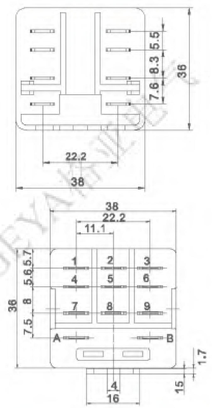
7 辅助功能：T自锁 G机械指示 D/CR抑制保护
auxiliary function：T-Self-locking G-mechanical indicate D/CR-Inhibitory protection

8 线圈电压：DC为直流 AC为交流
Coil Voltage:DC is for direct voltage AC is for alternating voltage

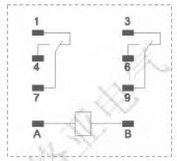
外形尺寸图External dimensions（mm）



接线图Wiring diagram



GR5-53F2Z



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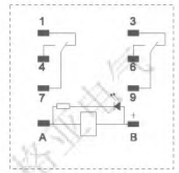

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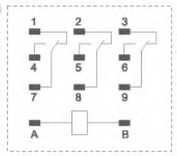

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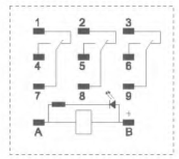

产品性能Product performance

产品型号Model		GR5-53F
外形尺寸Dimension(mm)		38x36x56.5
触点形式 Contact Form		3Z、3H、3D、2Z、2H、2D
触点材料 Contact Material		银合金 SilverAlloy
触点容量阻性 Resistance Performance Of ContactorCapacity		25A/28VDC、25A/240VAC
线圈功率Coil Power	AC (VA)	2.5
	DC(W)	1.8
线圈电压Coil Voltage	AC(V)	6~380
	DC(V)	6~220
吸合电压 Pick-up Voltage		DC: ≤75%、AC: ≤80%
释放电压 Dropout Voltage		DC: ≥10%、AC: ≥30%
最大电压 Max Voltage		110%
接触电阻 Contact Resistance (mΩ)		≤100mΩ
介质耐压 Dielectric Strength	开路触点间 Between OpenContacts	1500VAC
	触点组间 Contacs Pieces	1500VAC
	线圈与触点间 BetweenCoil&Contacts	2500VAC
绝缘电阻 Insulation Resistance (MΩ) at 500VDC		≥100MΩ
工作寿命 Service Life	电气 Electrical(次)	5×10^4次
	机械Mechanical(次)	5×10^5次
环境温度Ambient Temperature (℃)		-25℃~+55℃
引出端形式 Terminal Type		插拔式Insert Type
防护形 Protection Type		封闭式 Close Type
产品重量 Product Weight (g)		2Z:77 3Z:81

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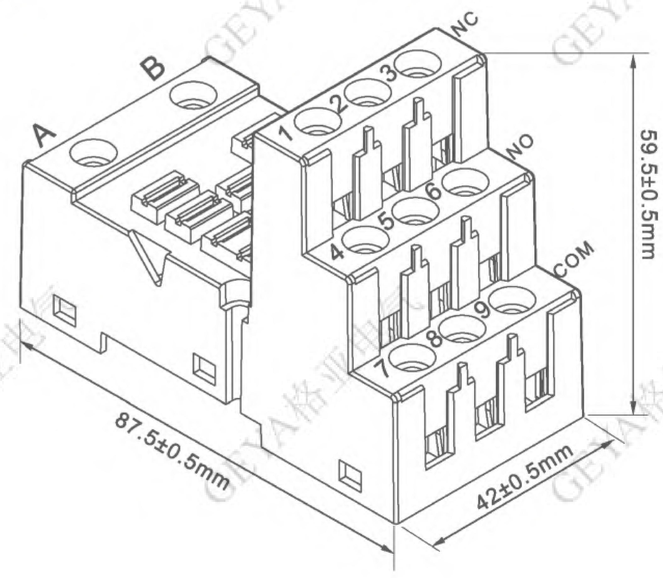
产品组合Product mix