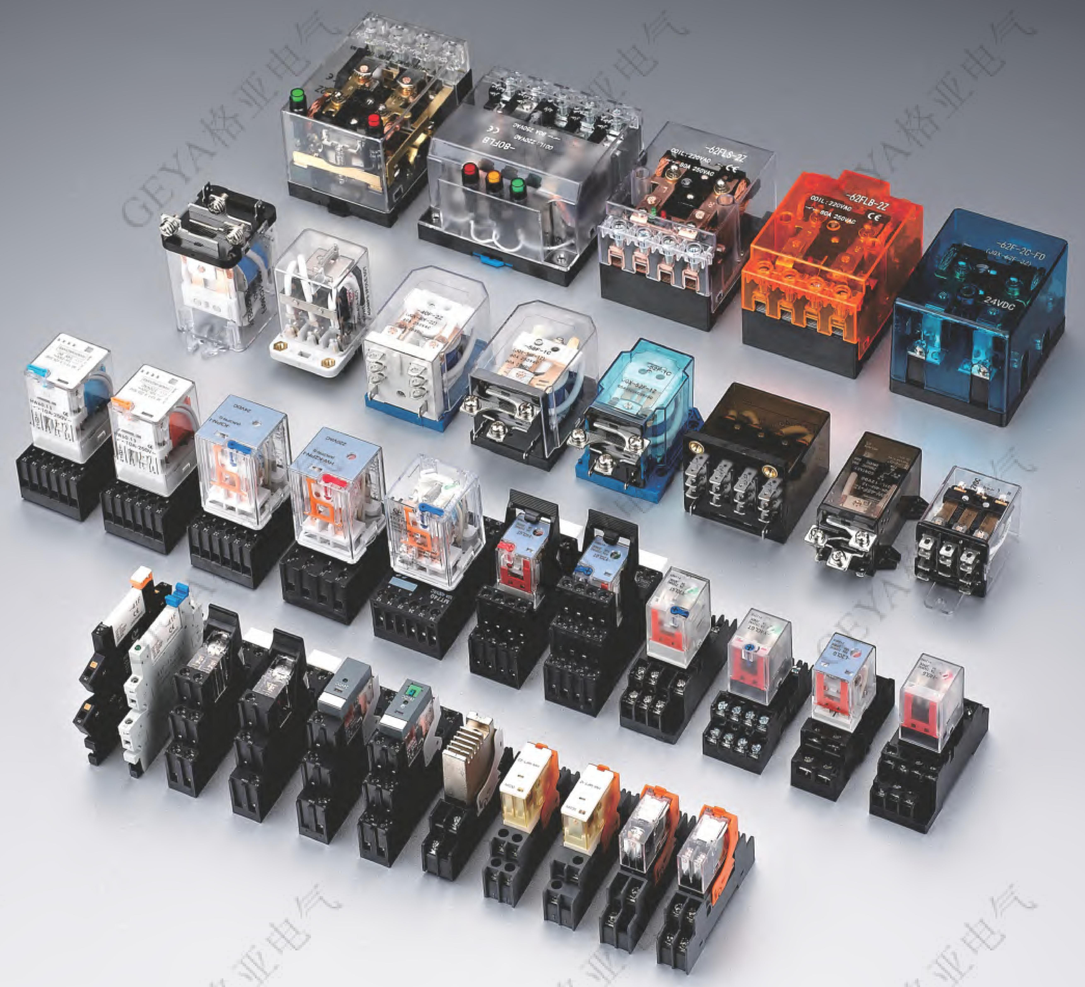
GEYA



⚠ 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

GR5-38F

产品特点Product characteristics

- 结构牢固抗冲击抗振动性强使用寿命长
  Strong structure, strong impact resistance, strong vibration resistance and long service life
- 负载切换电流: 40A,50A
  40A,50A Load switching current:40A,50A
- 可提供2组和3组触点安装
  it can provide 2 sets and 3 sets of contact conversions
- 插座式安装,有密封型和小静块可选择
  Socket mounted ,Sealed type and small static block are optional

型号及其含义Type and meaning

GR5	38F	2	□	-	P	D	□VDC
1	2	3	4		5	6	7

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 H-normally open contact
Contact Form: z-conversion type D-normally closed contact

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

6 辅助功能：D/CR抑制保护
auxiliary function :D/CRInhibitory protection

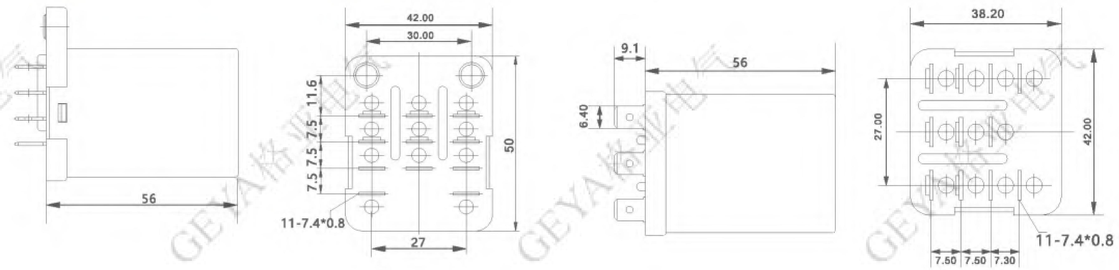
7 线圈电压：DC为直流 AC为交流
Coil Voltage:DC is for direct voltage AC is for alternating voltage

产品性能Product performance

接触电阻 Contact resistance	≤100mΩ
电气寿命 Electrical life	≥5×10⁴次
机械寿命 Mechanical life	≥1×10⁶次
线圈电压 Coil voltage	DC:6-220V AC:6-380V.
吸合时间 Suction time	≤25ms ;
释放时间 Release time	≤15ms
同极触点之间 Between the same pole contacts	1000VAC/1min(漏电流Leakage current 1mA)
异极触点之间 Between polar contacts	1500VAC/1min(漏电流Leakage current 1mA)
触点与线圈间 Between contact and coil	2500VAC/1min(漏电流Leakage current 1mA)
绝缘电阻 Insulation resistance	≥100MΩ(500VDC)
环境温度 Ambient temperature	-25°C ~ +55°C
环境湿度 Ambient humidity	35% ~ 80%RH .
大气压力 Atmospheric pressure	86 ~ 106KPa .
耐冲击 Impact resistance	10G（正弦半波脉冲Sine half wave pulse：11ms）
耐振动 Vibration resistance	10~55Hz双振幅Double amplitude：1.5mm
尺寸 dimension	55.5 X50 X 42mm
重量 weight	约around 130g

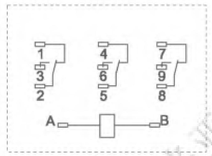
大功率继电器新能源系列New Energy Power Relay

外形尺寸图External dimensions（mm）

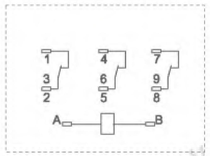


接线图Wiring diagram

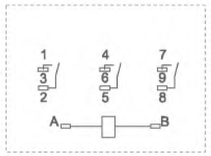
3Z接线图

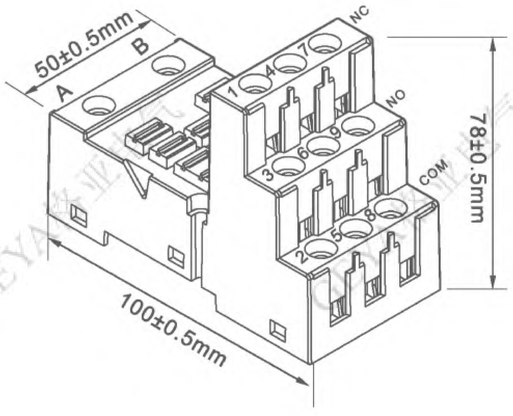


3H接线图



3D接线图



继电器
Relay

插座
Socket