



GR5-Y2CLGT



GR5-Y3CLGT



GR5-Y4CLGT



GR5-L2CLGT

产品特点Product characteristics

- 产品具有系列化，基本型、改良型、功能型等；
Products have serialization, basic type, improved type, functional type and so on
- 功能型可用于手动改变触点状态，具有点动测试和自锁两种功能；
Functional type can be used to manually change the contact state which also has two functions: point test and self - lock
- 工作状态 LED 指示，线圈电压直流带 LED 型可选无极输入；
Working state LED indicator, coil voltage DC with LED optional infinite input
- 结构新颖、设计巧妙、外形美观大方、耐电性能高、具备多项专利；
Novel structure, ingenious design, beautiful appearance, high electric resistance, with multiple patents
- 改良型具有动作状态机械指示窗；
improved type with action state Mechanical indicator window
- 改良型和功能型继电器壳体具有多种固定卡簧安装设计。
Improved and functional relay cover has a variety of fixed circlip design for mounting

型号及其含义Type and meaning

GR5	Y	4		-	P	L	T		VDC
1	2	3	4	5	6	7	8		

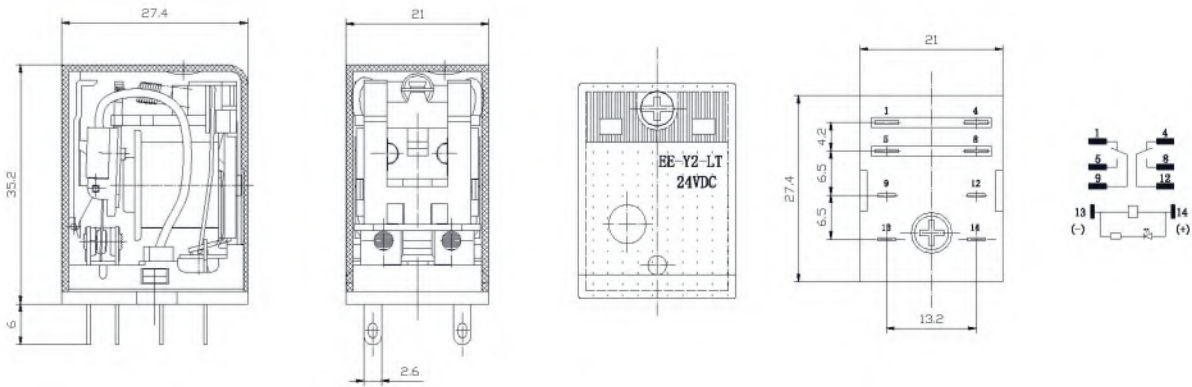
- 企业代号：格亚电气
Enterprise Code: Geya Electric
- 设计序号：Y系列
Serial Number: Y etc
- 触点组数：2、3、4
Number of contact groups: two,three,four
- 触点形式：C转换 A常开 B常闭
Contact Form: C-conversion type B-normally closed contact
- 安装方式：F:法兰式 P:PCB式 无字母：插拔式
mounted type: F:flange mounted type P:PCB mounted type No Letters: plug-in mouldted
- 工作状态：L:LED指示 无字母：无指示
operating state:L:LED indicate No Letters:no indicate
- 辅助功能：D/CR抑制保护 T自锁 G带机械指示扣
auxiliary function :D/CRInhibitory protection T self-locking G with mechanical indicator buckle
- 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

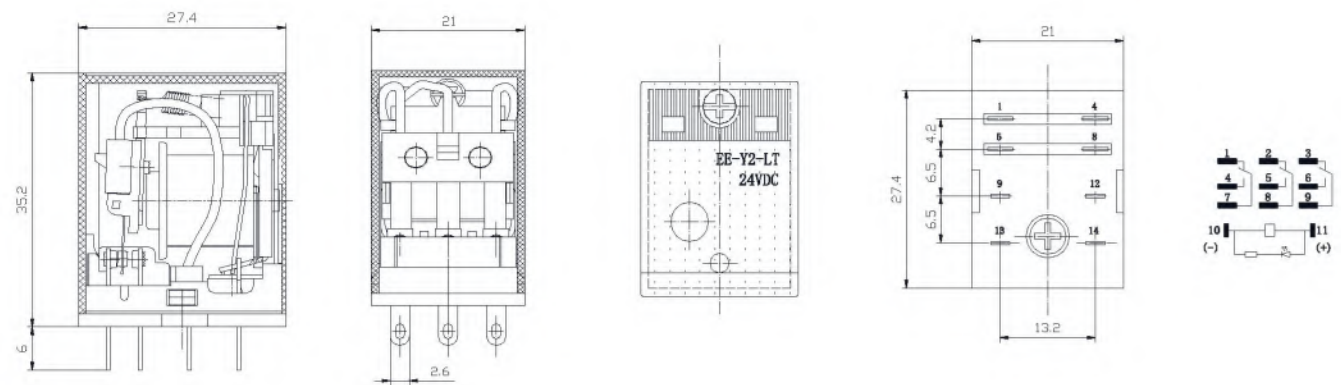
产品型号 Model	GR5- Y2	GR5- Y3	GR5- Y4	GR5- L2
外形尺寸 Dimension ± 0.5mm	长Long × 宽Wide × 高High 27.4 × 21.0 × 35.4mm			
触点形式 Contact Form	2 (A、B、C)	3 (A、B、C)	4 (A、B、C)	2 (A、B、C)
触点材料 Contact Material	银氧化镉AgCdo、银氧化锡AgSno2、银合金Silver Alloy			
触点容量 (阻性) Resistance Performance Of Contactor Capacity	10A 28VDC/240VAC	7A 28VDC/240VAC	5A 28VDC/240VAC	10A 28VDC/240VAC
接触电阻 Contact Resistance	≤ 50m Ω			
线圈功率 Coil Power	AC	1.2VA		
	DC	0.9W		
线圈电压 Coil Voltage	AC	6 ~ 380VAC		
	DC	6 ~ 220VDC		

吸合时间 (额定电压)	Operate time	≤ 15ms			
释放时间 (额定电压)	Release time	≤ 15ms			
吸合电压	Pick - up Voltage	DC: ≤ 75%、AC: ≤ 80%			
释放电压	Drop - out Voltage	DC: ≥ 10%、AC: ≥ 30%			
最大电压	Max Voltage	110%			
介质耐压 Dielectric Strength	开路触点间 Between Open Contacts	1000VAC/1min (漏电流Leakage current1mA)			
	触点组间 Contacts Pieces	1200VAC/1min (漏电流Leakage current1mA)			
	线圈与触点间 Between Coil&Contacts	1500VAC/1min (漏电流Leakage current1mA)			
绝缘电阻 Insulation Resistance (MΩ)		≥ 500MΩ (500VDC)			
工作寿命 Service Life	电气 Electrical (次)	≥ 1 × 10 ⁵ 次 (1800 Ops/h)			
	机械 Mechanical (次)	≥ 1 × 10 ⁷ 次 (18000 Ops/h)			
环境温度	Ambient Temperature (°C)	- 25 ~ +55°C			
环境湿度	Humidity	35%~ 85%RH			
大气压力	Atmospheric Pressure	86 ~ 106KPa			
耐冲击	Shock 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: 1.0mm			
引出端形式	Terminal Type	插拔式 Insert Type			
防护形式	Protection Type	封闭式 Close Type			
配用插座	Suitable Socket	PYF08A	PYF11A	PYF14A	PTF08A
产品重量	Product Weight (g)	约around 35g	约around 35g	约around 40g	约around 40g
同类产品参照	Same Reference	MY2	MY3	MY4	LY2

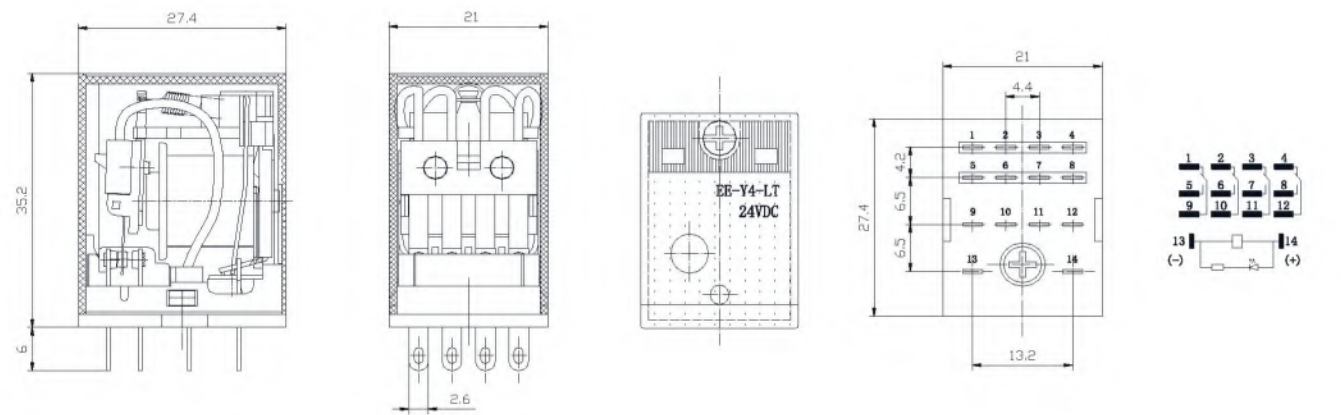
外形尺寸图External dimensions (mm)



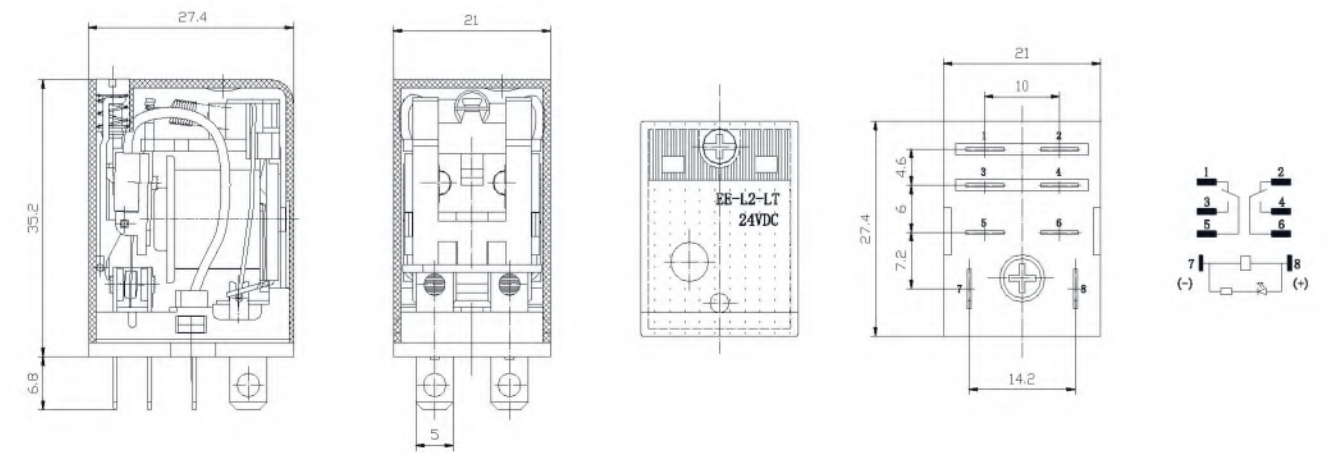
GR5-Y2-LT



GR5-Y3-LT



GR5-Y4-LT



GR5-L2-LT