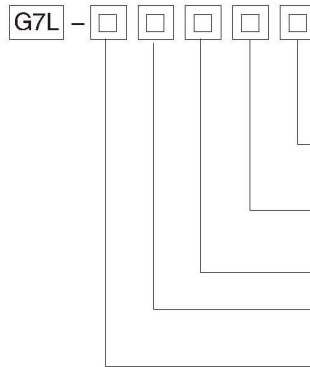


### Features

- Designed for high inrush current load
- Application—condition refrigerator, compressor etc.



Special options  
 J:test button  
 Coil voltage  
 6~220VDC 6~400VAC  
 Contact form 1A:normally open 2A:normally open  
 Cover form None:Ordinary cover C:With plastics clip U:Top-flange mount D:Din rail K:Plastic lip  
 Terminal form P:PCB terminal T:Plug-in terminal  
 B:Bolt terminal BL:Bolt terminal+protective cover+LED



G7L-TU-2A



G7L-TU-2B

### 产品性能

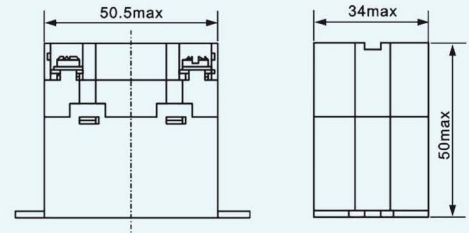
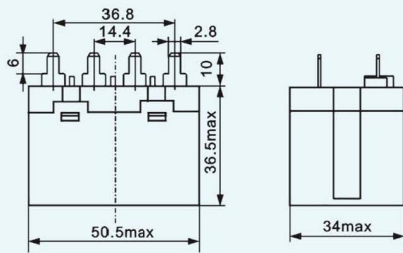
|                             |                                  | 1A  | 2A         |
|-----------------------------|----------------------------------|---|------------|
| Contact                     | Rated load                       | Resistive<br>277VAC,30A<br>Motor<br>1.5HP,120VAC 3HP,240VAC | 277VAC,25A |
|                             | Operating power(Resistive)       | 8310VA  | 6925VA     |
| Contact                     | Contact resistance(Initial)      | ≤50mΩ   |            |
|                             | Material                         | Ag alloy  |            |
|                             | Electrical life                  | ≥10 <sup>5</sup> 次cycles(1800 Ops/h)                        |            |
|                             | Mechanical life                  | ≥5x10 <sup>5</sup> 次cycles(1800 Ops/h)                      |            |
| Operate voltage(at25°C)     |                                  | AC,DC: ≤75%Rated voltage                                    |            |
| Release voltage(at25°C)     |                                  | AC,DC: ≥15%Rated voltage                                    |            |
| Max.Allowed voltage(at25°C) |                                  | 110%Rated voltage   |            |
| Insulation resistance       |                                  | ≥100mΩ (500VDC)   |            |
| Coil power consumption      | DC(W)                            | 1.9   |            |
|                             | AC(VA)                           | 2.5   |            |
| Operate time                |                                  | ≤30ms   |            |
| Release time                |                                  | ≤30ms   |            |
| Dielectric Strength         | Between contacts                 | Leakage current 1 mA  |            |
|                             | Between contacts(different pole) | Leakage current 1 mA  |            |
|                             | Between contact and coil         | Leakage current 1 mA  |            |
| Ambient temperature         |                                  | -25~+55°C   |            |
| Humidity                    |                                  | 38%~85%RH   |            |
| Atmospheric Pressure        |                                  | 86~106KPa   |            |
| Shock resistance            |                                  | Half wave of pulses of sine:11ms                            |            |
| Vibration resistance        |                                  | 10~55HZ Dual amplitude :1.5mm                               |            |
| Install model               |                                  | Plug-in terminal,Bolt terminal PCB terminal,Dinrail mount   |            |
| Weight                      |                                  | Plug-in type Approx .90g Bolt type Approx. 120g             |            |
| Matched relay socket        |                                  | P76-F06   |            |
| Like products               |                                  | OMRON: G7L  |            |

### Coil type(25°C)

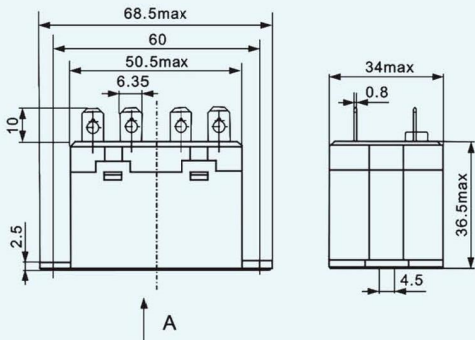
| Rated voltageV.DC       | 6    | 12 | 24  | 48   | 100     | 110     | 220     |
|-------------------------|------|----|-----|------|---------|---------|---------|
| Coil resistanceΩ(± 10%) | 18.9 | 75 | 303 | 1220 | 5260    | 6360    | 25474   |
| Rated voltageV.AC       | 6    | 12 | 24  | 48   | 100-120 | 200-240 | 380-400 |
| Coil resistanceΩ(± 10%) | 17   | 65 | 275 | 1100 | 5200    | 21000   | 62650   |

Dimension.Bottom View

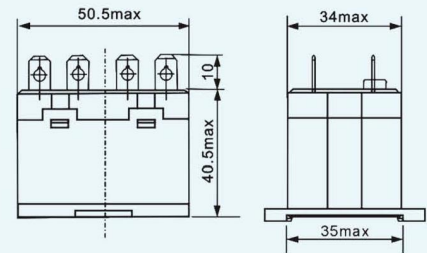
G7L-P-1A/2A



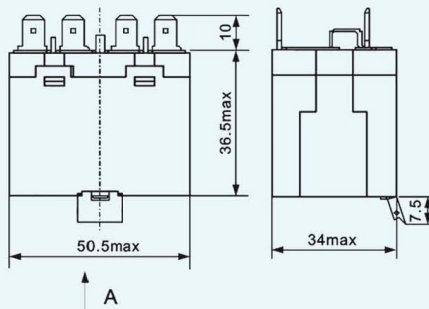
G7L-TU-1A/2A



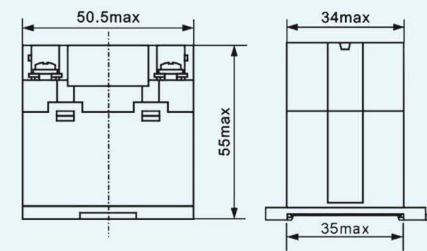
G7L-TD-1A/2A



G7L-BD-1A/2A



G7L-BU-1A/2A



G7L-TK-1A/2A

