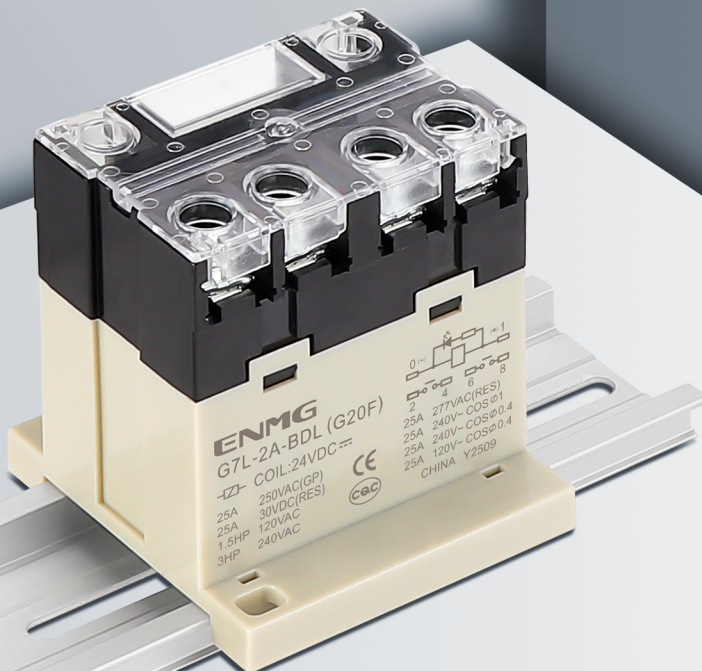
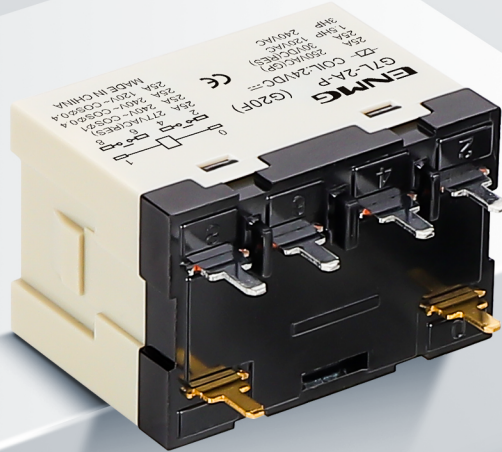


Double-Break Contact

High Power Relay **G7L**

25A high load | Panel industrial control | Strong arc extinction



G7L

25A

Load switching capability



High opening distance

Silver alloy contacts



Enough quantity

Copper enameled coil



*Only the screw terminal version comes as standard

Upgrade

Non-polar indicator light
Green DC Red AC



Overvoltage protection component

Protective cover

Touch-proof

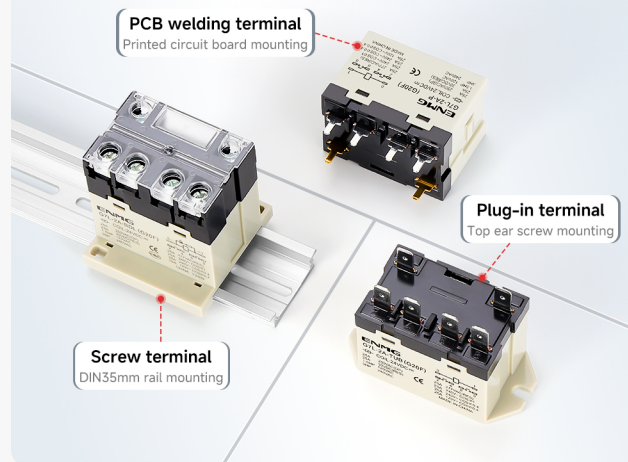


Flame-retardant housing

Thickened, long service life



3 Wiring Methods



Multiple Standards

*As per label.



OEM / ODM

Customization

Product Information.

- | | |
|---|---|
| ■ Product brand : ENMG 恩霸 | ■ Pull-in voltage(23°C) : DC:≤80%, AC:≤80% 50/60Hz |
| ■ Product name : G7L double broken bridge type high-power relay | ■ Release voltage(23°C) : DC:≥15%, AC:≥15% 50/60Hz |
| ■ Contact form : 1A 2A | ■ Insulation resistance : ≥1000MΩ(500VDC) |
| ■ Load - resistive : 30A 277VAC/30VDC 25A 277VAC/30VDC | ■ Pull-in time(Rated voltage) : ≤30 ms |
| ■ Load - motor : 1.5HP 120VAC; 3HP 240VAC | ■ Release time(Rated voltage) : ≤30 ms |
| ■ Contact resistance : ≤50mΩ | ■ Material : Ag alloy |
| ■ Initial withstand voltage : Between homopolar contacts 2000VAC/1min (Leakage current 1mA) | ■ Between heteropolar contacts : 2000VAC/1min (Leakage current 1mA) |
| ■ Electrical life : ≥10 ⁵ Times (1800 Ops/h) | ■ Between contacts and coil : 4000VAC/1min (Leakage current 1mA) |
| ■ Mechanical life : ≥5000 x 104 Times (18000 Ops/h) | ■ Ambient temperature : -25 ~ +55°C |
| ■ Maximum voltage(23°C) : 110% (Rated voltage) | ■ Ambient humidity : 35% ~ 85%RH |

- Shock resistance : 10G (Sinusoidal half-wave pulse:11ms)
- Vibration resistance : 10~55Hz Double amplitude: 1.5 mm
- Mounting method : DIN35mm, PCB welding, Back side ear screw
- Weight : Rail-mounted ≈ 130g, PCB welding、screw ≈ 100g

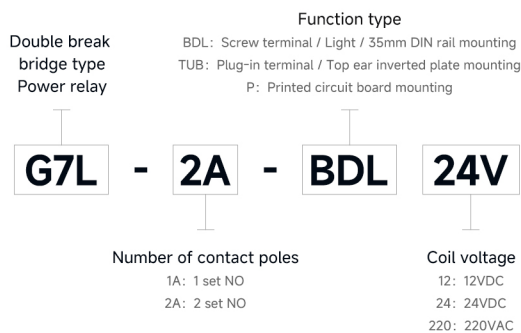
Coil Specifications (23°C)

Rated voltage	12VDC	24VDC	220VAC
Coil resistance Ω ($\pm 10\%$)	75	303	21000

Select Specifications.

Model Description

The design of product models and ordering codes is intended to cover all possible specifications of this series of products, and they cannot be combined arbitrarily. If you have any questions during the first selection, please contact the technical service engineers for confirmation.



Selection Table

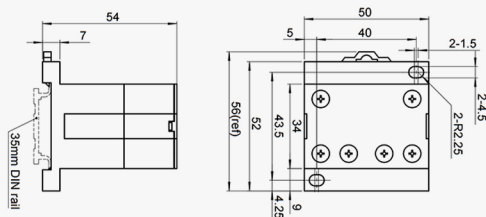
Coil voltage	Model		Function type
	1NO	2NO	
DC12V	G7L-1A-BDL 12V	G7L-2A-BDL 12V	Screw/Light/DIN rail
	G7L-1A-TUB 12V	G7L-2A-TUB 12V	Plug-in/Top lug
	G7L-1A-P 12V	G7L-2A-P 12V	PCB substrate mounting
DC24V	G7L-1A-BDL 24V	G7L-2A-BDL 24V	Screw/Light/DIN rail
	G7L-1A-TUB 24V	G7L-2A-TUB 24V	Plug-in/Top lug
	G7L-1A-P 24V	G7L-2A-P 24V	PCB substrate mounting
AC220V	G7L-1A-BDL 220V	G7L-2A-BDL 220V	Screw/Light/DIN rail
	G7L-1A-TUB 220V	G7L-2A-TUB 220V	Plug-in/Top lug
	G7L-1A-P 220V	G7L-2A-P 220V	PCB substrate mounting

Overall Dimension

*Unit: mm ± 0.5 . The dimensions are measured manually, so there may be deviations. Please refer to the actual product.

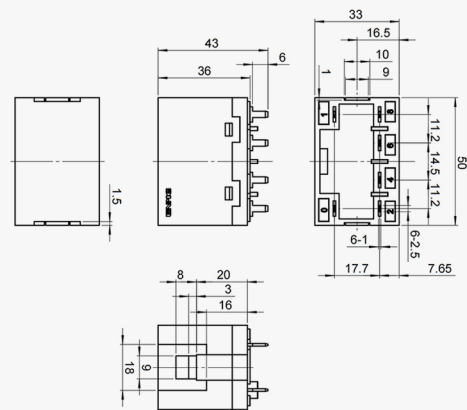
Screw terminal

G7L-2A-BDL



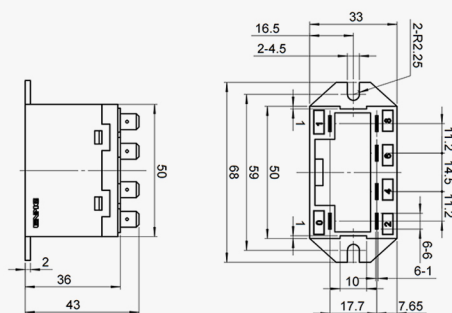
PCB welding terminal

G7L-2A-P

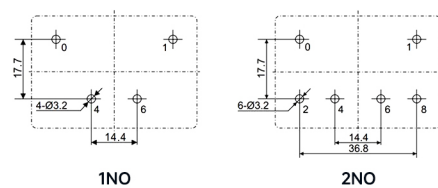


Plug-in terminal

G7L-2A-TUB

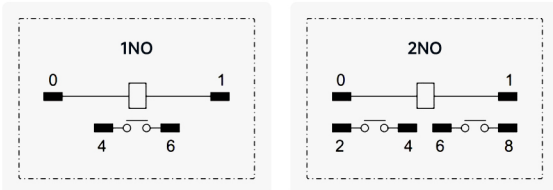


【 Printed circuit board welding point diagram 】

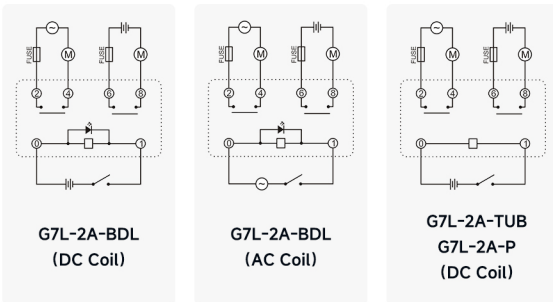


Internal Schematic.

Terminal Wiring Diagram



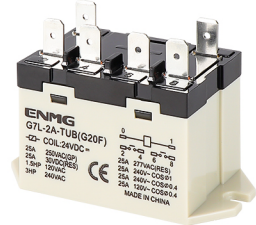
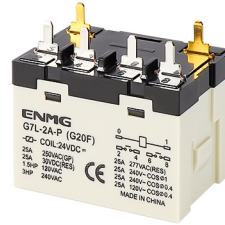
Wiring Reference



*Note:

- 1.The two sets of normally open contacts are independent of each other.
- 2.Only the G7L-2A-BDL series is equipped with an operation indicator light, DC green. AC red.
- 3.It is not recommended to use the two sets of normally open contacts in parallel. It is recommended to use the two sets of normally open contacts in series; suitable for inductive or capacitive loads.

Appearance Display.





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浙江恩爵智能科技有限公司

Wenzhou Yuanzhang Electric Co., Ltd.

温州元璋电气有限公司

公司地址 Address：浙江省乐清市柳市镇柳江路3788号

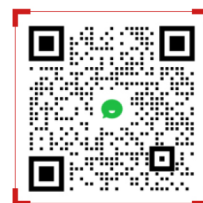
联系方式 Telephones：400-996-2708

官方网站 Website：www.enjue.cc

迪威模型 3D Model：www.3dwhere.com/user/135269



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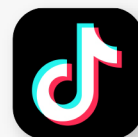
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