

Panel Relay **G30F**

30A high load | 3+1 separate base | Overvoltage protection

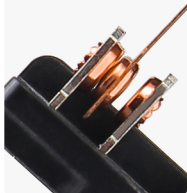


G30F

30A High load



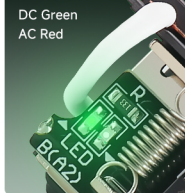
Contacts
Silver alloy



Copper-clad coil
Enough quantity



Working status light
DC Green
AC Red



Protection component

Bidirectional Transient Voltage Suppressor(TVS), suppress and absorb transient voltages, over-voltages, and surges.

**2 / 3 group
Convert**



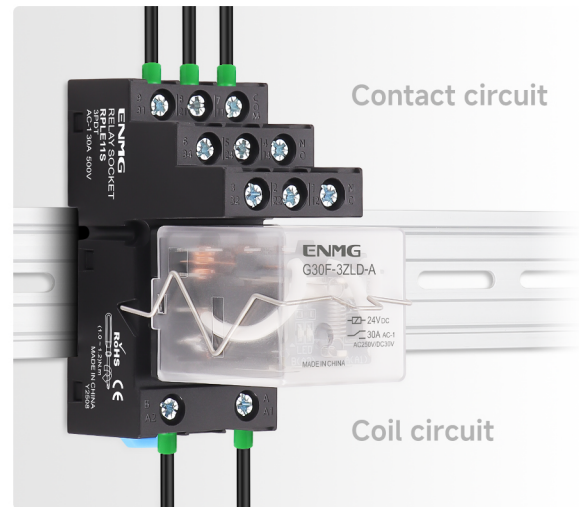
Multiple Standards



*Only the base conforms to RoHS, As per label.

3+1 Isolated Type Base.

Standard DIN35mm rail mounting, with separate wiring for contact and coil circuits to avoid cross short circuits



OEM / ODM Customization

1. Test button type (Inching or locking) ;
2. The AC operating coil surge voltage absorption (VDR) function is built-in as a specifiable option;
3. Optional HS-P31 bracket, Connected with #250 quick-connect terminal wires;

Product Information.

Contact Technical Characteristics

- Contact form : 2C (DPDT) 3C (3PDT)
- Maximum allowable current : 30A
- Maximum allowable voltage : AC250V DC30V
- Contact material : Hard silver alloy
- Contact resistance : $\leq 100\text{m}\Omega$ first time
- Minimum load capacity : 100mA 5VDC

Coil Technical Characteristics

- Coil voltage : 12V、24VDC; 220VAC
- Power consumption : DC<1.5W, AC<2.5VA
- Operating voltage : DC $\leq 75\%$, AC $\leq 80\%$
- Reset voltage : DC $\geq 10\%$, AC $\geq 30\%$
- Maximum voltage : 110% rated voltage

General Technical Characteristics

- Mounting method : Base flange, rail socket, top flange, screw, PCB welding
- Insulation resistance : 100M Ω at 500VDC
- Dielectric withstand voltage :
Between contacts $\geq 1200\text{Vrms}$ 50/60Hz 1min
Between contacts of each pole $\geq 1500\text{Vrms}$ 50/60Hz 1min
Between coil contacts $\geq 1500\text{Vrms}$ 50/60Hz 1min
- Terminal type : Plug-in(#250 quick plug-in terminal, socket RPME11S), PCB soldering terminal
- Lifespan : Electrical 10,000 times Mechanical 100,000 times
- Ambient humidity : 35 ~ 80%RH(No condensation and no icing)
- Weight : $\approx 150\text{g}$

Select Specifications.

Model Description

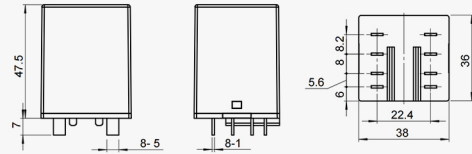
The design of product models and ordering codes is intended to cover all possible specifications of this series of products, and they cannot be combined arbitrarily. If you have any questions during the first selection, please contact the technical service engineers for confirmation.

		Function type		Rated voltage of the coil	
Mounting method		L: Indicator light		12VDC; 24VDC; 24VAC	
None: Socket type		LD: Light+		110VAC: 100~120VAC	
K: Rear mounting ear		freewheeling protection		220VAC: 200~240VAC	
P: PCB welding		LV: Light+		380VAC: 380~400VAC	
		Surge protection			
G30F - K 3Z LD - A 220VAC					
Power relay High capacity		Contact form		Technical features	
		1Z: SPDT		None: Basic type	
		2Z: DPDT		A: Improved type	
		3Z: 3PDT			

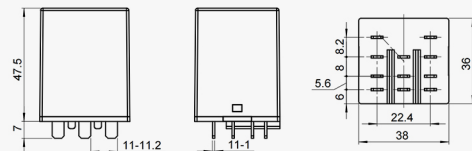
Overall Dimension

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

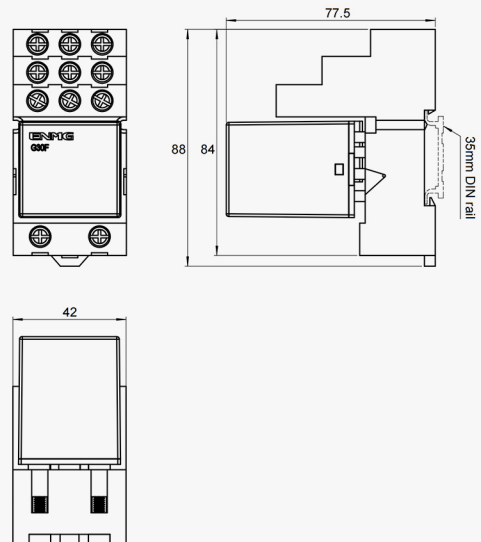
G30F-2Z 2NO/2NC



G30F-3Z 3NO/3NC



G30F-2Z + RPLE11S / G30F-3Z + RPLE11S 2NO/2NC kit / 3NO/3NC kit



Selection Table

Regular·Socket Type

Function type	Relay model		Base model
	2NO/2NC	3NO/3NC	
Basic type	G30F-2Z-A	G30F-3Z-A	RPLE11S
Light	G30F-2ZL-A	G30F-3ZL-A	
Light+DIODE (DC)	G30F-2ZLD-A	G30F-3ZLD-A	
Light+VDR (AC)	G30F-2ZLV-A	G30F-3ZLV-A	

Custom Version·Rear Mounting Ear

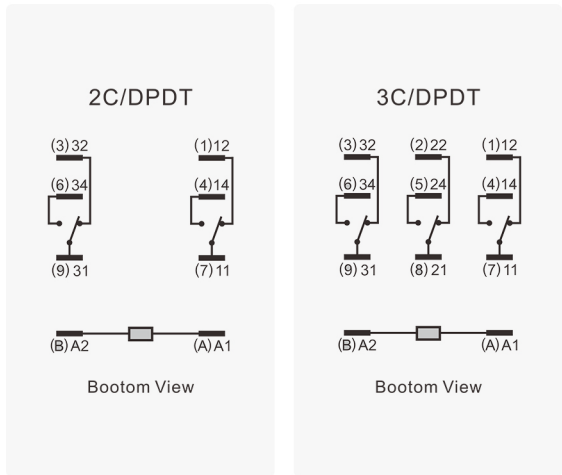
Function type	Relay model	
	2NO/2NC	3NO/3NC
Basic type	G30F-K2Z-A	G30F-K3Z-A
Light	G30F-K2ZL-A	G30F-K3ZL-A
Light+DIODE (DC)	G30F-K2ZLD-A	G30F-K3ZLD-A
Light+VDR (AC)	G30F-K2ZLV-A	G30F-K3ZLV-A

Custom Version·PCB Welding

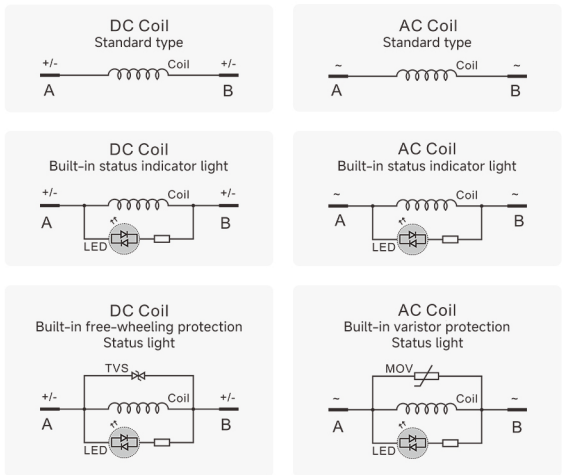
Function type	Relay model	
	2NO/2NC	3NO/3NC
Basic type	G30F-P2Z-A	G30F-P3Z-A
Light	G30F-P2ZL-A	G30F-P3ZL-A
Light+DIODE (DC)	G30F-P2ZLD-A	G30F-P3ZLD-A
Light+VDR (AC)	G30F-P2ZLV-A	G30F-P3ZLV-A

Internal Schematic Diagram.

Terminal Wiring Diagram



Coil Circuit (Selected)



Appearance Display.





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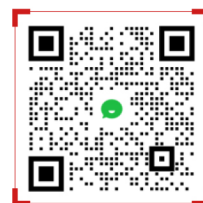
联系方式 Telephones：400-996-2708

官方网站 Website：www.enjue.cc

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



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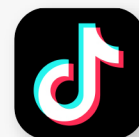
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