

Manual Test

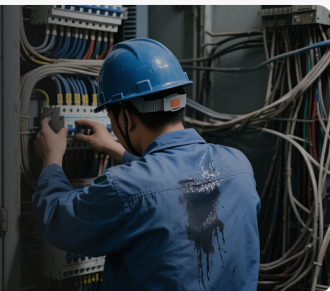
Panel Relay RXG

Relay | Kit | Module



Difficult Problem

Low efficiency.
Difficult to commission.
Traditional short-circuit debugging is dangerous, inconvenient and error-prone.



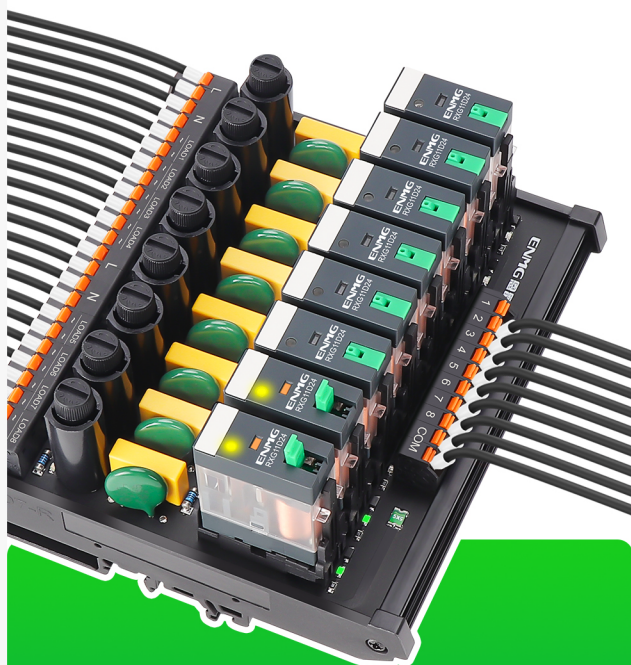
Locking Swing Lever



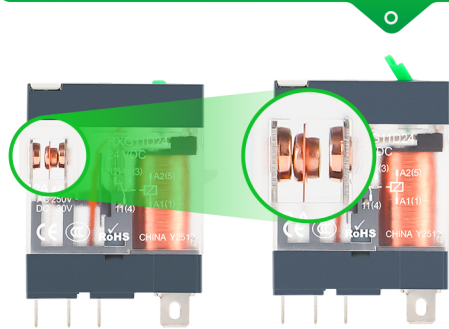
(Pull Locking test) (Depress Instantaneous test)

Relay Upgrade

Locking swing lever



Manual contact state change



Full Automation

Precise in structure, stable



Green DC

Orange AC

Convenience



Simply press the locking swing rod to simulate the action conditions of the input signal and force the relay to switch states (attract or release).

Safety



The dedicated locking swing rod design is more standardized and safer, reducing the risk of short circuits or accidental contact with other circuits.

Multiple Standards



* As per label. Certification Statement Statement

OEM / ODM
Customization

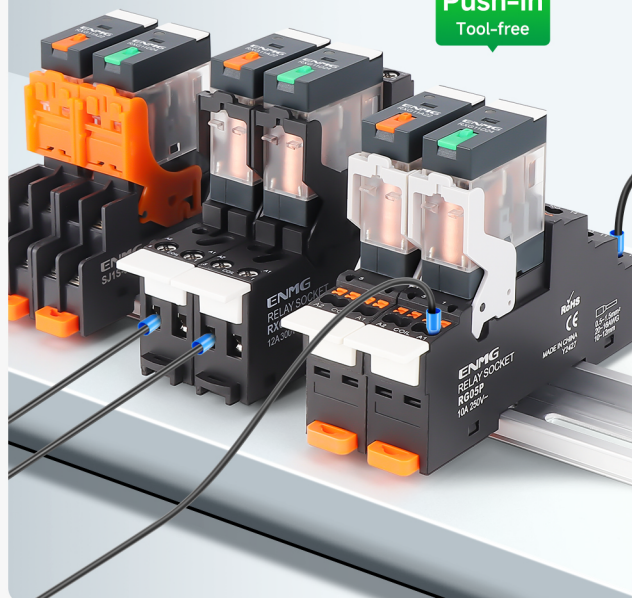
Free Combination

Standard 35mm DIN rail mounting kit

Barrier type

Cage type

Push-in
Tool-free



Compact Type

Relay module



Module

Resettable fuse

NPN/PNP universal input

Coil surge suppression

Replaceable fuse protector

Fuse blown indicator

Module

+Arc extinguishing device

On the basis of the module, an arc extinguishing device is added to **reduce the ablation of contacts caused by electric arcs**

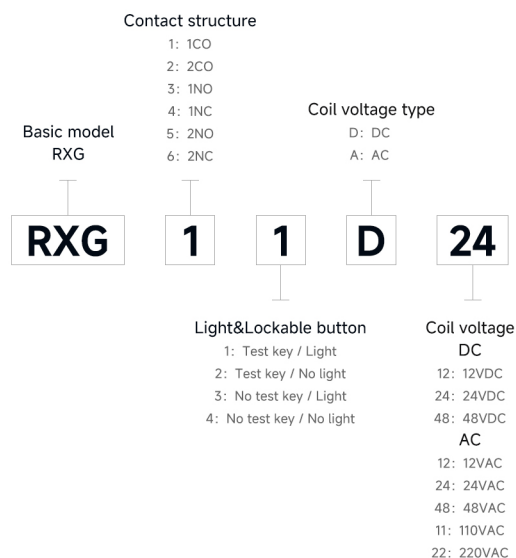
Relay·Product Information.

Parameters

- Product brand : **ENMG 恩霸**
- Product name : RXG high-power relay
- Product functions : Light/Test key
- Contact structure : 5 pins / 1NO/1NC 8 pins / 2NO/2NC
- Switching capacity : 12A DC30V/AC250V 8A DC30V/AC250V
- Contact capacity : 12A DC30V/AC250V 8A DC30V/AC250V
- Power consumption : DC $\approx$ 0.53W, AC $\approx$ 0.9VA (Each circuit)
- Rated voltage : DC: 12V, 24V, 48V, 100-110V
AC: 24V, 110V, 120V, 220V, 230V
- Contact resistance : < 50m Ω (Initial value)
- Start-up time : < 15ms
- Release time : < 10ms
- Ambient temperature : -40°C ~ +70°C (No icing)
- Ambient humidity : 5%RH ~ 85%RH (No condensation)

Model Description

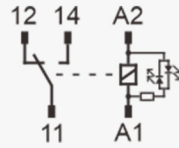
The design of product models and ordering codes is intended to cover all possible specifications of this series of products, and they cannot be combined arbitrarily. If you have any question during the first selection, please contact the technical service engineers for confirm



Internal Schematic Diagram

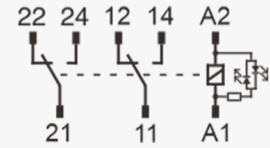
1NO/1NC

RXG11D24 RXG11A22



2NO/2NC

RXG21D24 RXG21A22



Kit Selection.

Selection Table

Relay Selection

Function type	Contact form	Coil voltage	Model
Test key/Light	1NO/1NC 12A	DC24V	RXG11D24
		AC220V	RXG11A22
	2NO/2NC 8A	DC24V	RXG21D24
		AC220V	RXG21A22

Base Matching Selection

Relay model	Base model
RXG11D24 RXG11A22	Plug-in base (+Surge suppression module) RGZE05P
	Cage-type base (+Surge suppression module) RXGZE1S35M
	Plug-in base RG05P
	Fence-type base SJ1S-05B
RXG21D24 RXG21A22	Plug-in base (+Surge suppression module) RGZE08P
	Cage-type base (+Surge suppression module) RXGZE1S48M
	Plug-in base RG08P
	Fence-type base SJ2S-05B

Overall Dimension

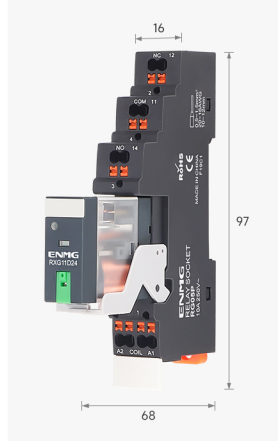
*Unit: mm±0.5. The dimensions are measured manually, so there may be deviations. Please refer to the actual product.

Plug-in base kit

+Surge suppression module

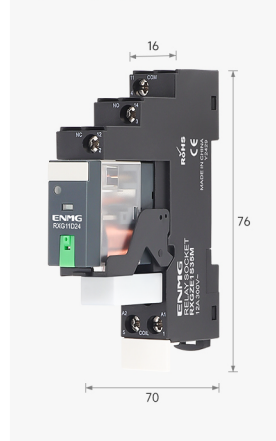


Plug-in base kit

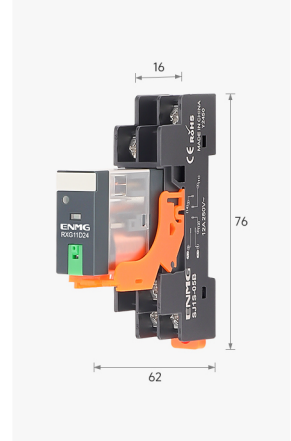


Cage-type base kit

+Surge suppression module



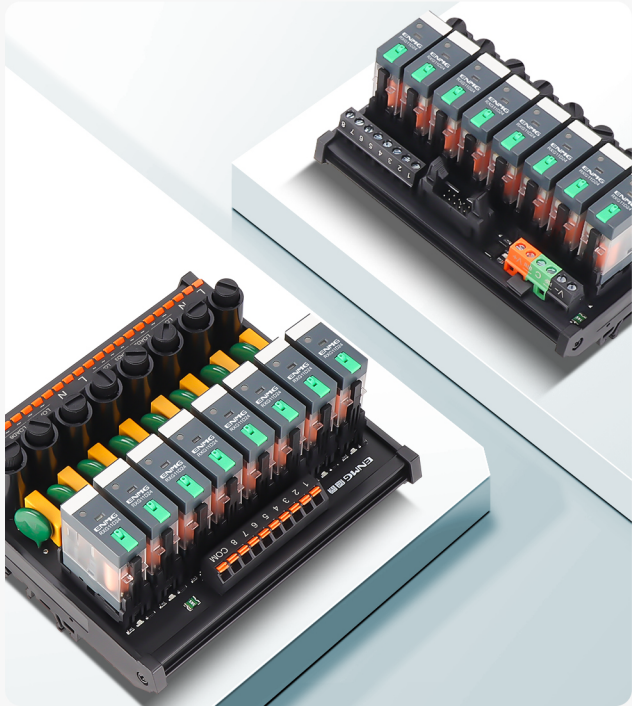
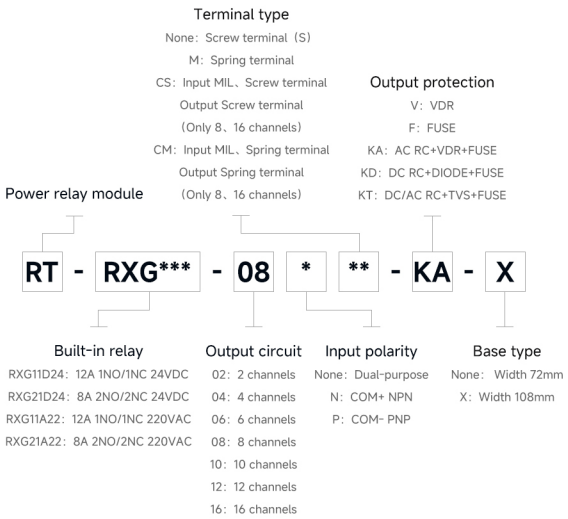
Fence-type base kit



Module Selection.

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

1NO/1NC Module Selection

Contact form	Input circuit	Output circuit	Points	Model
1NO/1NC (Screw)	Dual-purpose COM+/- NPN/PNP 24VDC	12A 30VDC/250VAC	2	RT-RXG11D24-02S-F
			4	RT-RXG11D24-04S-F
			6	RT-RXG11D24-06S-F
			8	RT-RXG11D24-08CS-F
			10	RT-RXG11D24-10S-F
			12	RT-RXG11D24-12S-F
	220VAC	12A 30VDC/250VAC	16	RT-RXG11D24-16CS-F
			2	RT-RXG11A22-02S-F
			4	RT-RXG11A22-04S-F
			6	RT-RXG11A22-06S-F
			8	RT-RXG11A22-08S-F
			10	RT-RXG11A22-10S-F
1NO/1NC (Spring)	Dual-purpose COM+/- NPN/PNP 24VDC	12A 30VDC/250VAC	12	RT-RXG11D24-12S-F
			16	RT-RXG11A22-16S-F
	220VAC	12A 30VDC/250VAC	2	RT-RXG11D24-02M-F
			4	RT-RXG11D24-04M-F
			6	RT-RXG11D24-06M-F
			8	RT-RXG11D24-08CM-F
2NO/2NC (Screw)	Dual-purpose COM+/- NPN/PNP 24VDC	8A 30VDC/250VAC	10	RT-RXG11D24-10M-F
			12	RT-RXG11D24-12M-F
			16	RT-RXG11D24-16CM-F
	220VAC	8A 30VDC/250VAC	2	RT-RXG11A22-02M-F
			4	RT-RXG11A22-04M-F
			6	RT-RXG11A22-06M-F
2NO/2NC (Spring)	Dual-purpose COM+/- NPN/PNP 24VDC	8A 30VDC/250VAC	8	RT-RXG11A22-08M-F
			10	RT-RXG11A22-10M-F
			12	RT-RXG11A22-12M-F
			16	RT-RXG11A22-16M-F
	220VAC	8A 30VDC/250VAC	2	RT-RXG21D24-02S
			4	RT-RXG21D24-04S
			6	RT-RXG21D24-06S
2NO/2NC (Screw)	Dual-purpose COM+/- NPN/PNP 24VDC	8A 30VDC/250VAC	8	RT-RXG21D24-08CS
			10	RT-RXG21D24-10S
			12	RT-RXG21D24-12S
			16	RT-RXG21D24-16CS
	220VAC	8A 30VDC/250VAC	2	RT-RXG21A22-02S
			4	RT-RXG21A22-04S
			6	RT-RXG21A22-06S
2NO/2NC (Spring)	Dual-purpose COM+/- NPN/PNP 24VDC	8A 30VDC/250VAC	8	RT-RXG21A22-08S
			10	RT-RXG21A22-10S
			12	RT-RXG21A22-12S
			16	RT-RXG21A22-16S
	220VAC	8A 30VDC/250VAC	2	RT-RXG21D24-02M
			4	RT-RXG21D24-04M
			6	RT-RXG21D24-06M
2NO/2NC (Screw)	Dual-purpose COM+/- NPN/PNP 24VDC	8A 30VDC/250VAC	8	RT-RXG21D24-08CM
			10	RT-RXG21D24-10M
			12	RT-RXG21D24-12M
			16	RT-RXG21D24-16CM
	220VAC	8A 30VDC/250VAC	2	RT-RXG21A22-02M
			4	RT-RXG21A22-04M
			6	RT-RXG21A22-06M
2NO/2NC (Spring)	Dual-purpose COM+/- NPN/PNP 24VDC	8A 30VDC/250VAC	8	RT-RXG21A22-08M
			10	RT-RXG21A22-10M
			12	RT-RXG21A22-12M
			16	RT-RXG21A22-16M
	220VAC	8A 30VDC/250VAC	2	RT-RXG21D24-02M
			4	RT-RXG21D24-04M
			6	RT-RXG21D24-06M

2NO/2NC Module Selection

Contact form	Input circuit	Output circuit	Points	Model
2NO/2NC (Screw)	Dual-purpose COM+/- NPN/PNP 24VDC	8A 30VDC/250VAC	2	RT-RXG21D24-02S
			4	RT-RXG21D24-04S
			6	RT-RXG21D24-06S
			8	RT-RXG21D24-08CS
			10	RT-RXG21D24-10S
			12	RT-RXG21D24-12S
2NO/2NC (Spring)	Dual-purpose COM+/- NPN/PNP 24VDC	8A 30VDC/250VAC	16	RT-RXG21D24-16CS
			2	RT-RXG21A22-02S
			4	RT-RXG21A22-04S
			6	RT-RXG21A22-06S
			8	RT-RXG21A22-08S
			10	RT-RXG21A22-10S
2NO/2NC (Screw)	Dual-purpose COM+/- NPN/PNP 24VDC	8A 30VDC/250VAC	12	RT-RXG21A22-12S
			16	RT-RXG21A22-16S
	220VAC	8A 30VDC/250VAC	2	RT-RXG21D24-02M
			4	RT-RXG21D24-04M
			6	RT-RXG21D24-06M
			8	RT-RXG21D24-08CM
2NO/2NC (Spring)	Dual-purpose COM+/- NPN/PNP 24VDC	8A 30VDC/250VAC	10	RT-RXG21D24-10M
			12	RT-RXG21D24-12M
			16	RT-RXG21D24-16CM
	220VAC	8A 30VDC/250VAC	2	RT-RXG21A22-02M
			4	RT-RXG21A22-04M
			6	RT-RXG21A22-06M
2NO/2NC (Screw)	Dual-purpose COM+/- NPN/PNP 24VDC	8A 30VDC/250VAC	8	RT-RXG21A22-08M
			10	RT-RXG21A22-10M
			12	RT-RXG21A22-12M
			16	RT-RXG21A22-16M
	220VAC	8A 30VDC/250VAC	2	RT-RXG21D24-02M
			4	RT-RXG21D24-04M
			6	RT-RXG21D24-06M

* Product features and appearance structure are subject to change due to technological innovation and improvement without prior notice;
Due to reasons such as shooting, typesetting, printing, etc., there will be slight differences between the product images and the actual products.

Overall Dimension

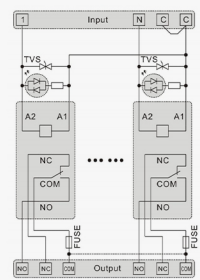


*Unit: mm±0.5.The dimensions are measured manually,so there may be deviations.
Please refer to the actual product.

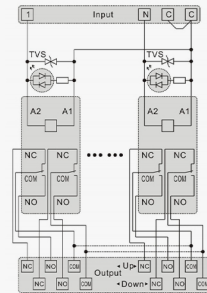
Points	2	4	6	8	10	12	16
Length	40	70	100	130	160	190	250
Width	87						
Height	68						

Internal Schematic Diagram

1NO/1NC

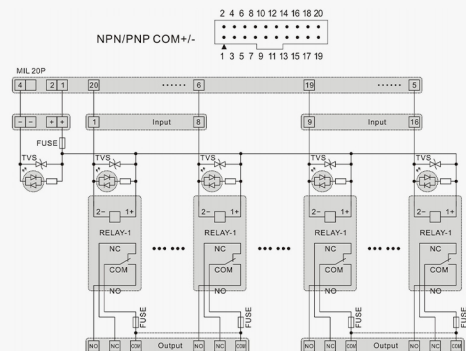


2NO/2NC



1NO/1NC

Mil adapter/Dual-purpose terminal block



Module (+Arc Extinguishing Device) Selection Table

1NO/1NC (Screw)

Contact form	Input circuit	Output circuit	Points	Model
1NO/1NC (Screw)	Dual-purpose COM+/- NPN/PNP 24VDC	5A 220VAC/Channel Per 4 channel 1COM COM 10A Max. *VDR	4	RT-RXG11D24-04S-KA-X
			8	RT-RXG11D24-08S-KA-X
			16	RT-RXG11D24-16CS-KA-X
		5A 24VDC/Channel Per 4 channel 1COM COM 10A Max. *DIODE	4	RT-RXG11D24-04S-KD-X
			8	RT-RXG11D24-08S-KD-X
			16	RT-RXG11D24-16CS-KD-X
		5A 24VDC/AC /Channel Per 4 channel 1COM COM 10A Max. *TVS	4	RT-RXG11D24-04S-KT-X
			8	RT-RXG11D24-08S-KT-X
			16	RT-RXG11D24-16CS-KT-X
	220VAC	5A 220VAC/Channel Per 4 channel 1COM COM 10A Max. *VDR	4	RT-RXG11A22-04S-KA-X
			8	RT-RXG11A22-08S-KA-X
			16	RT-RXG11A22-16S-KA-X
		5A 24VDC/Channel Per 4 channel 1COM COM 10A Max. *DIODE	4	RT-RXG11A22-04S-KD-X
			8	RT-RXG11A22-08S-KD-X
			16	RT-RXG11A22-16S-KD-X
		5A 24VDC/AC /Channel Per 4 channel 1COM COM 10A Max. *TVS	4	RT-RXG11A22-04S-KT-X
			8	RT-RXG11A22-08S-KT-X
			16	RT-RXG11A22-16S-KT-X

1NO/1NC (Spring)

Contact form	Input circuit	Output circuit	Points	Model
1NO/1NC (Spring)	Dual-purpose COM+/- NPN/PNP 24VDC	5A 220VAC/Channel Per 4 channel 1COM COM 10A Max. *VDR	4	RT-RXG11D24-04M-KA-X
			8	RT-RXG11D24-08M-KA-X
			16	RT-RXG11D24-16CM-KA-X
		5A 24VDC/Channel Per 4 channel 1COM COM 10A Max. *DIODE	4	RT-RXG11D24-04M-KD-X
			8	RT-RXG11D24-08M-KD-X
			16	RT-RXG11D24-16CM-KD-X
		5A 24VDC/AC /Channel Per 4 channel 1COM COM 10A Max. *TVS	4	RT-RXG11D24-04M-KT-X
			8	RT-RXG11D24-08M-KT-X
			16	RT-RXG11D24-16CM-KT-X
	220VAC	5A 220VAC/Channel Per 4 channel 1COM COM 10A Max. *VDR	4	RT-RXG11A22-04M-KA-X
			8	RT-RXG11A22-08M-KA-X
			16	RT-RXG11A22-16M-KA-X
		5A 24VDC/Channel Per 4 channel 1COM COM 10A Max. *DIODE	4	RT-RXG11A22-04M-KD-X
			8	RT-RXG11A22-08M-KD-X
			16	RT-RXG11A22-16M-KD-X
		5A 24VDC/AC /Channel Per 4 channel 1COM COM 10A Max. *TVS	4	RT-RXG11A22-04M-KT-X
			8	RT-RXG11A22-08M-KT-X
			16	RT-RXG11A22-16M-KT-X

Module (+Arc Extinguishing Device) Overall Dimension



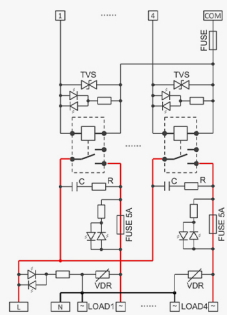
*Unit: mm±0.5. The dimensions are measured manually, so there may be deviations. Please refer to the actual product.

Points	4	8	16
Length	70	130	248
Width	124		
Height	69		

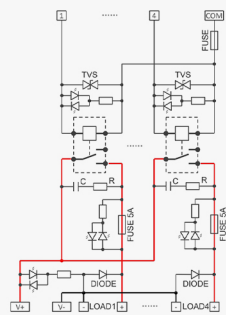
Module (+Arc Extinguishing Device) Internal Schematic Diagram

Note: Every 4 relays form a group, total load current≤10A(resistive), load current per circuit≤5A(resistive).

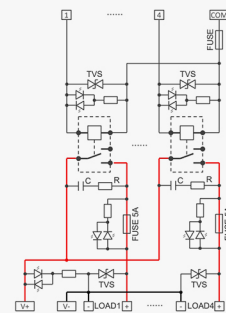
VDR (KA) DC-AC



DIODE (KD) DC-DC

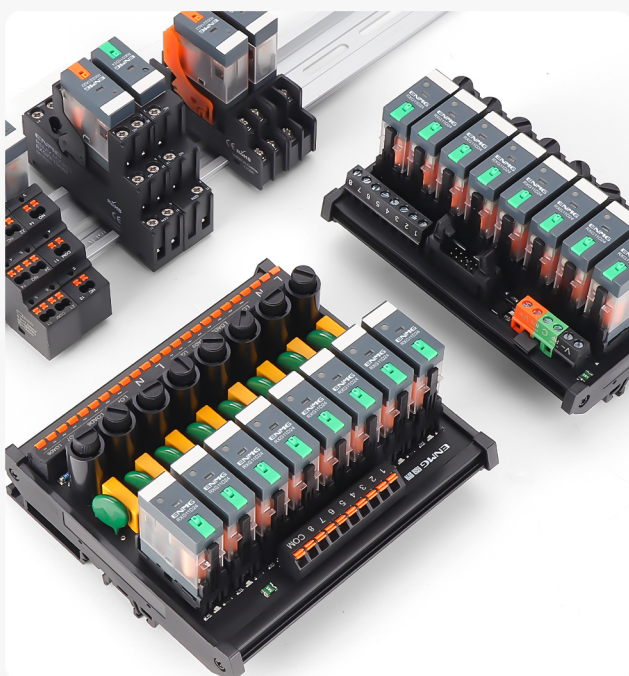
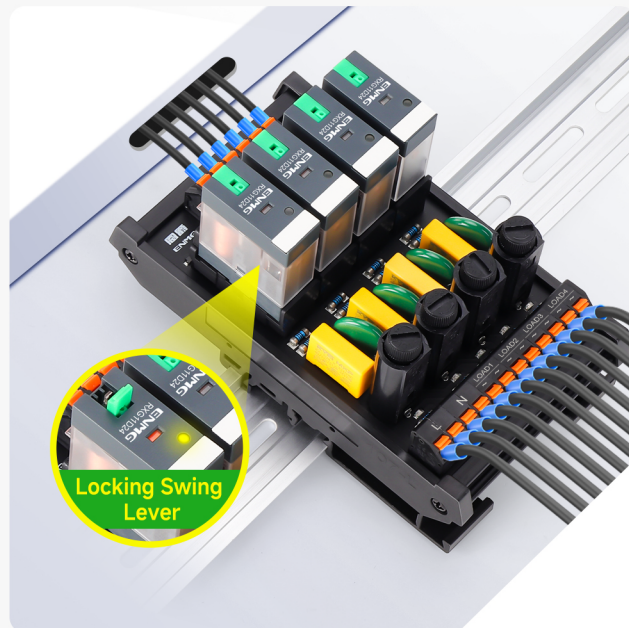


TVS (KT) DC-DC/AC



Appearance Display.







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ENMG INTELLIGENT TECHNOLOGY

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Zhejiang ENMG Intelligent Technology Co., Ltd.

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

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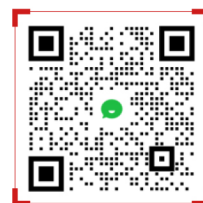
联系方式 Telephones：400-996-2708

官方网站 Website：www.enjue.cc

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



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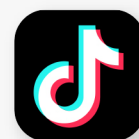
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京东 JD



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