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RELAY SERIES PRODUCT

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GEYA



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Geya Electrical was established in 2005, and our head office is based in Wenzhou China. Our products are exported to more than 20 countries and regions such as South America, Western Europe, the Middle East, Africa, Australia, South Asia, East Asia, etc

Geya is ISO9001 Quality Assurance accredited and both quality and safety are of paramount importance to us. Our products have SEMKO VDE and CE certificates. Our experience and expertise in modern, innovative product design, vast OEM experience, constant new product development, strong R&D capabilities, competitive prices, excellent international market knowledge, professional dynamic and customer-focused staff, flexible trading terms, quality and timely deliveries.



RELAY MODULE



PLC ULTRA-THIN RELAY SOCKET



MODEL DESCRIPTION

FY - 41F - 1 / □ - □
 Color: Grey, black, green, blue
 Coil Voltage: 12V, 24V, 48V, 60VDC/AC;
 110VAC, 220VAC
 Serial
 Optional:
 1) Electromagnetic Relay
 2) SSR Relay
 Vendor Code

FEATURES

- 6A rated current
- 1NO, 1NC
- Compact design with 6.2mm thickness
- Relay working LED indicator
- Input circuit protection
- DIN Rail mountable for width :35mm



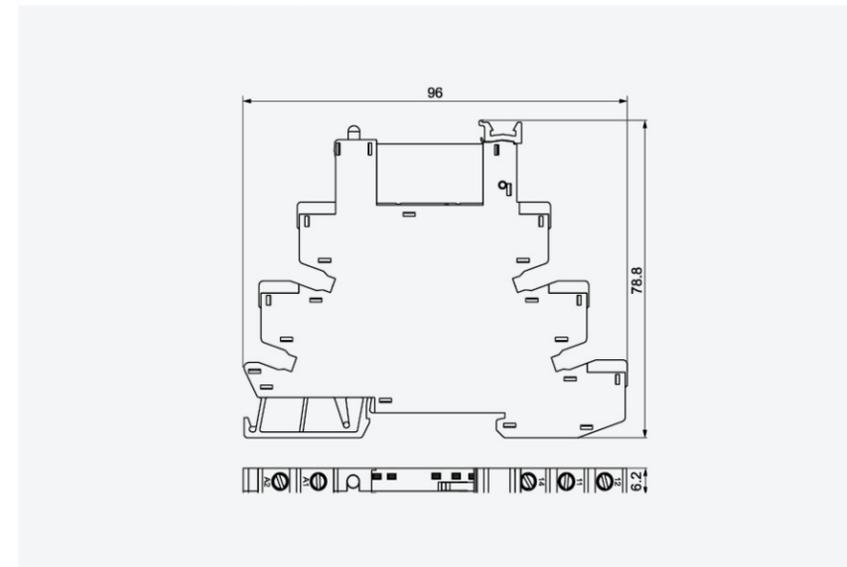
MODEL DESCRIPTION

Model	Input voltage	Coil voltage
FY-41F-1/12V	12VDC/AC	12VDC
FY-41F-1/24V	24VDC/AC	24VDC
FY-41F-1/48V	48VDC/AC	48VDC
FY-41F-1/60V	60VDC/AC	60VDC
FY-41F-1/110V	110VAC	60VDC
FY-41F-1/220V	220VAC	60VDC

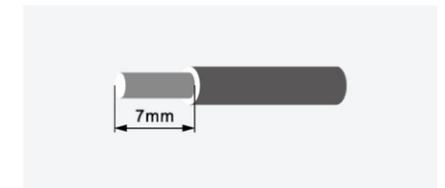
SPECIFICATIONS

Rated output Current	6A
Rated output Voltage	250VAC/30VDC
Dielectric Strength	Between Coil & Contacts:4000V/S Between Open Contacts:2500V/S
Torque	0.5Nm
Suitable Cable	0.2~2.5m ²
Ambient temperature	-20°C ~ 50°C
Power Consumption	0.32W
Suitable SSR	FY-N5G
Suitable Relay	HF-41F

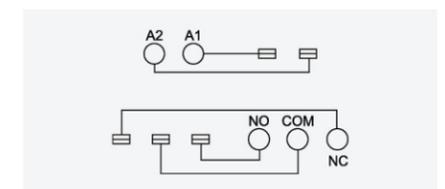
DIMENSIONS(MM)



STRIPPING LENGTH



WIRING DIAGRAM



Model	Weight	L×W×H (mm)
FY-41F-1	30g	96×6.2×78.8

41F SHORT BAR

MODEL DESCRIPTION

Model	Color
41F-RD	Red
41F-BK	Black
41F-BU	Blue

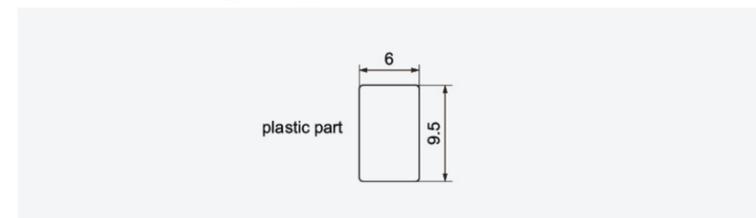
SPECIFICATIONS

Rated Current(each channel)	1A
Minium power	3W
Rated Voltage	24VDC
Working range	(0.8-1.2)Un
Control logic	actively switching to A
Power indicator	Green LED
Ambient Temperature	-20°C ~50°C

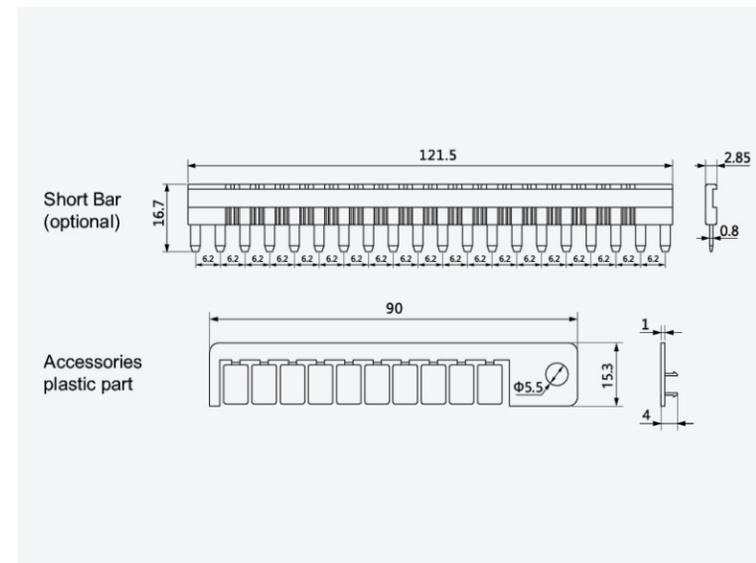
24V Logical terminal control	
Connector type	14P,conforms to IEC60603-13

24V terminal power supply		
Cable length	9.5mm	
Screw torque	0.5Nm	
Max Cable	Single cable	1×4/2×1.5m ² 1×12/2×16AWG
	Stranded cable	1×2.5/2×1.5m ² 1×14/2×16AWG

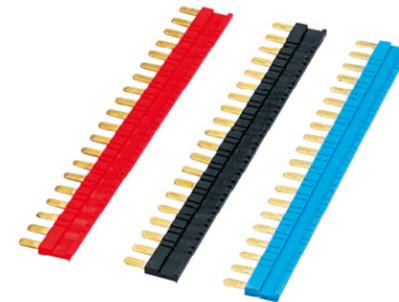
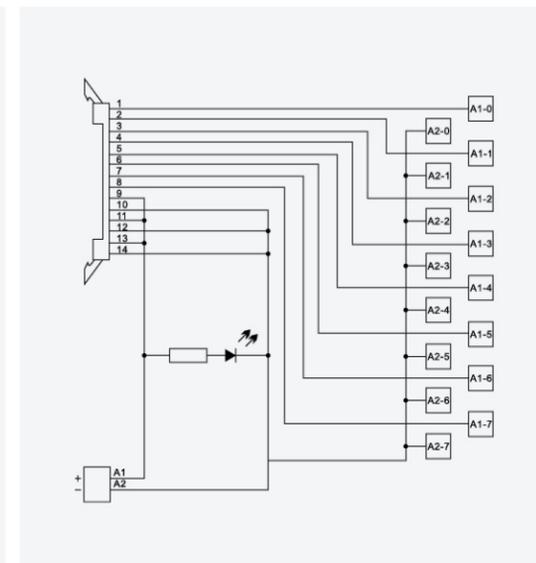
ACCESSORIES(MM)



DIMENSIONS(MM)



WIRING DIAGRAM



SUBMINIATURE RELAY MODULE



MODEL DESCRIPTION

FY - N T73 □ C - □	Coil Voltage: 12V,24V,48V,110V,220VAC/DC
	Relay Quantities: 1/2/4/8/16
	T73:MEISHUO brand relay
	N:New
	Serial Name

APPLICATIONS

- It is used for PLC output load current amplification and isolation protection, and installed in the digital output terminal of PLC, MCU industrial control board, time relay, buttons and other controllers.
- It amplifies the output current of the output terminal for high-power equipment and weak current control, to protect the control system not being damaged.

FEATURE

- 1 NO&NC independent relay module;
- Built-in MPA Electromagnetic relay certified with CCC, TUV, UL;
- Switching current upto 10A at 250VAC or 30VDC;
- Input connections by screw terminal block. NPN&PNP can be interchangeable, AC&DC can be in compatible;
- Relay status indicator LED, surge suppression protection and overvoltage protection are provided for each relay channel;
- DIN Rail mountable for width TS15/28/35

CIRCUIT DESIGN

- Professional circuit design, with protection of short circuit, anti-interference, output over-voltage or over-current.
- The advanced production process uses wave soldering, to keep the circuit appearance perfect and quality assurance.

DIMENSION

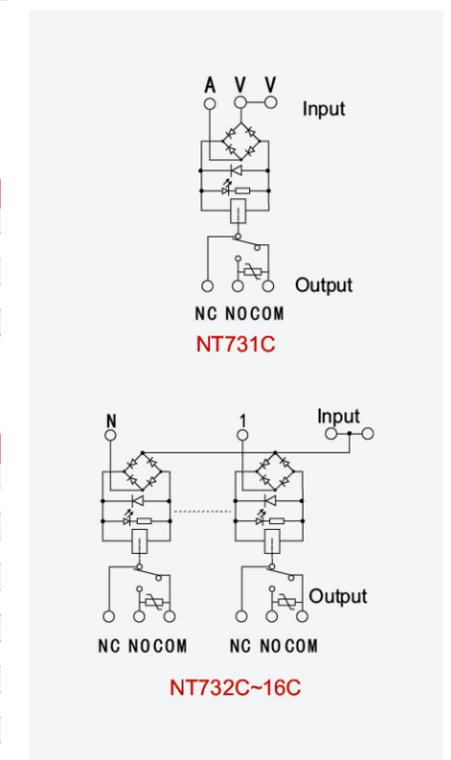
Relay Quantities	Dimension(mm)
1	18×85×43.5
2	40×85×43.5
4	70×85×43.5
8	130×85×43.5
16	250×85×43.5

SPECIFICATIONS

Input Operate Voltage	DC/AC±10%
Relay Mounting	PCB Soldered
Allowable Switching Voltage	10A 250VAC/30VDC
Contact Rating	10A
Input Current per Channel	5.3mA
Operating Time	10ms max
Release Time	5ms max
Input/Output Connection	Screw Connection
Suitable Cable	0.2~2.5mm ²
Stripping Length	6-7mm
Din Rail Mounting Size	15/28/35mm
Dielectric strength	2.5KV,50Hz,1MIN
Ambient temperature	-20°C ~50°C



WIRING DIAGRAM



G2R RELAY MODULE

CONTROL RELAY



MODEL DESCRIPTION

FY - N G2R □ C - □

- Coil Voltage: 12V,24V,48V,110V,220VAC/DC
- Relay Quantities: 1/2/4/8/10/12/14/16
- G2R:OMRON Relay
- N:New
- Vendor Code

APPLICATIONS

- It is used for PLC output load current amplification and isolation protection, and installed in the digital output terminal of PLC, MCU industrial control board, time relay, buttons and other controllers.
- It amplifies the output current of the output terminal for high-power equipment and weak current control, to protect the control system not being damaged.

FEATURE

- 1 NO&NC independent relay module;
- Buit-in OMRON power relay G2R-1 certified with UL, CSA, VDE, CE and RoHS compliant;
- Switching current upto 10A at 250VAC or 30VDC;
- Input connections by screw terminal block. NPN&PNP can be interchangeable, AC&DC can be in compatible;
- Relay status indicator LED, surge suppression protection and overvoltage protection are provided for each relay channel;
- DIN Rail mountable for width TS15/28/35

CIRCUIT DESIGN

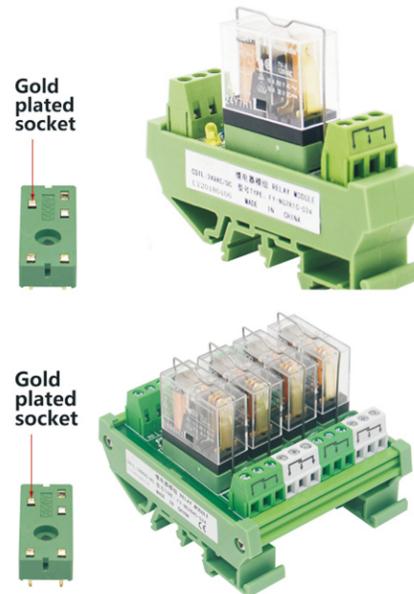
- Professional circuit design, with protection of short circuit, anti-interference, output over-voltage or over-current.
- The advanced production process uses wave soldering, to keep the circuit appearance perfect and quality assurance.

DIMENSION

Relay Quantities	Dimension(mm)	Relay Quantities	Dimension(mm)
1	18×85×70	10	160×85×70
2	40×85×70	12	190×85×70
4	70×85×70	14	220×85×70
6	100×85×70	16	250×85×70
8	130×85×70		

SPECIFICATIONS

Input Operate Voltage	DC/AC±10%
Relay Mounting	Blade Model
Allowable Switching Voltage	10A 250VAC/30VDC
Contact Rating	10A
Input Current per Channel	6.5mA
Operating Time	15ms max
Release Time	10ms max
Input/Output Connection	Screw Connection
Suitable Cable	0.2~2.5mm ²
Stripping Length	6-7mm
Din Rail Mounting Size	15/28/35mm
Dielectric strength	2.5KV, 50Hz, 1MIN
Ambient temperature	-20°C ~50°C



MODEL DESCRIPTION

FY - N G G2R □ C - □

- Coil Voltage: 12V,24V,48V,110V,220VAC/DC
- Relay Quantities: 2/4/8/12/16
- G2R:OMRON Relay
- G: overload protection(8A)
- N:New
- Vendor Code

APPLICATIONS

- It is used for PLC output load current amplification and isolation protection, and installed in the digital output terminal of PLC, MCU industrial control board, time relay, buttons and other controllers.
- It amplifies the output current of the output terminal for high-power equipment and weak current control, to protect the control system not being damaged.

FEATURE

- 1 NO&NC independent relay module;
- Buit-in OMRON power relay G2R-1 certified with UL, CSA, VDE, CE and RoHS compliant;
- Switching current 10A at 250VAC or 30VDC;
- Input connections by screw terminal block. NPN&PNP can be interchangeable, AC&DC can be in compatible;
- Relay status indicator LED, surge suppression protection and overcurrent protection (8A) are provided for each relay channel;
- DIN Rail mountable for width TS15/28/35

CIRCUIT DESIGN

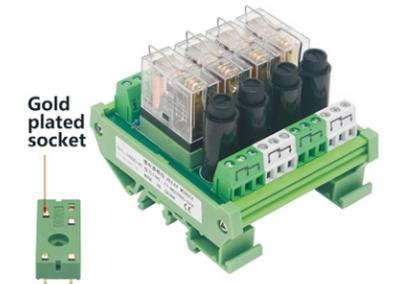
- Professional circuit design, with protection of short circuit, anti-interference, output over-voltage or over-current.
- The advanced production process uses wave soldering, to keep the circuit appearance perfect and quality assurance.

DIMENSION

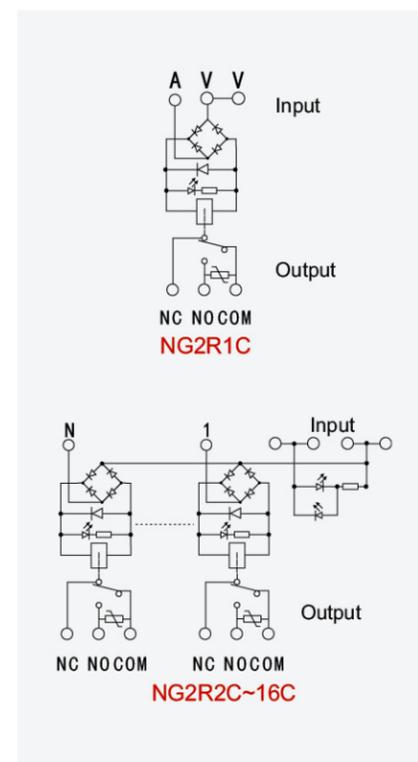
Relay Quantities	Dimension(mm)
2	40×85×70
4	70×85×70
8	130×85×70
12	190×85×70
16	250×85×70

SPECIFICATIONS

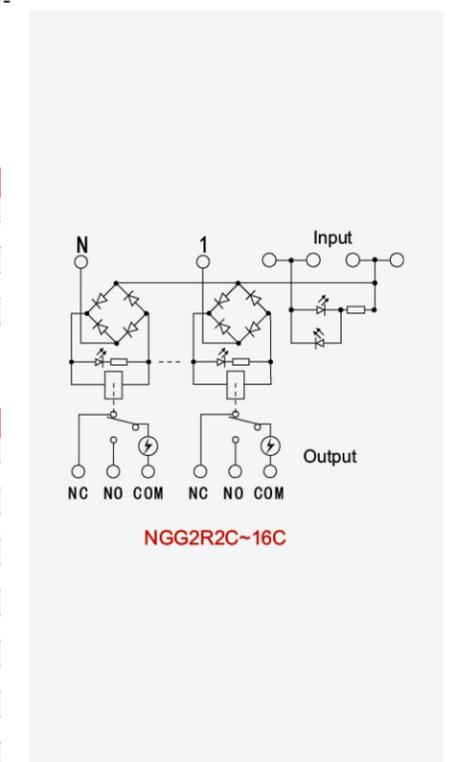
Input Operate Voltage	DC/AC±10%
Relay Mounting	Blade Model
Allowable Switching Voltage	10A 250VAC/30VDC
Contact Rating	10A
Input Current per Channel	6.5mA
Operating Time	15ms max
Release Time	10ms max
Input/Output Connection	Screw Connection
Suitable Cable	0.2~2.5mm ²
Stripping Length	6-7mm
Din Rail Mounting Size	15/28/35mm
Dielectric strength	2.5KV, 50Hz, 1MIN
Fuse holder	Buit-in Fuse 8A
Ambient temperature	-20°C ~50°C



WIRING DIAGRAM



WIRING DIAGRAM



MODEL DESCRIPTION

FY - 2 N G2R □ C - □

- Coil Voltage: 12V,24V,48V,110V,220VAC/DC
- Relay Quantities: 1/2/4/8/10/12/14/16
- G2R:OMRON Relay
- N:New
- Vendor Code

APPLICATIONS

- It is used for PLC output load current amplification and isolation protection, and installed in the digital output terminal of PLC, MCU industrial control board, time relay, buttons and other controllers.
- It amplifies the output current of the output terminal for high-power equipment and weak current control, to protect the control system not being damaged.

FEATURE

- 2 NO&NC independent relay module;
- Built-in IDEC power relay G2R - 2 certified with UL, CSA, VDE, CE and RoHS compliant;
- Switching current up to 5A at 250VAC or 30VDC;
- Input connections by screw terminal. NPN&PNP can be interchangeable, AC&DC can be in compatible;
- Relay status indicator LED, surge suppression protection and overvoltage protection are provided for each relay channel;
- DIN Rail mountable for width TS15/28/35

CIRCUIT DESIGN

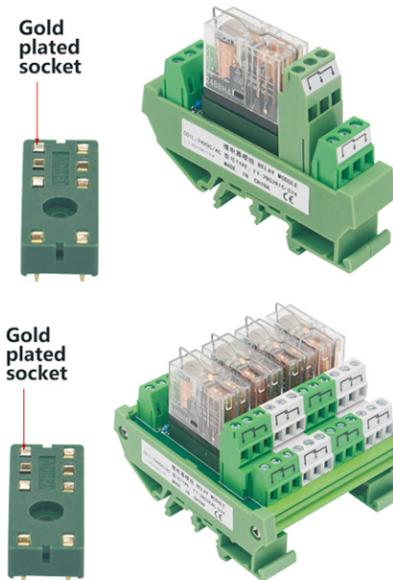
- Professional circuit design, with protection of short circuit, anti-interference, output over-voltage or over-current.
- The advanced production process uses wave soldering, to keep the circuit appearance perfect and quality assurance.

DIMENSION

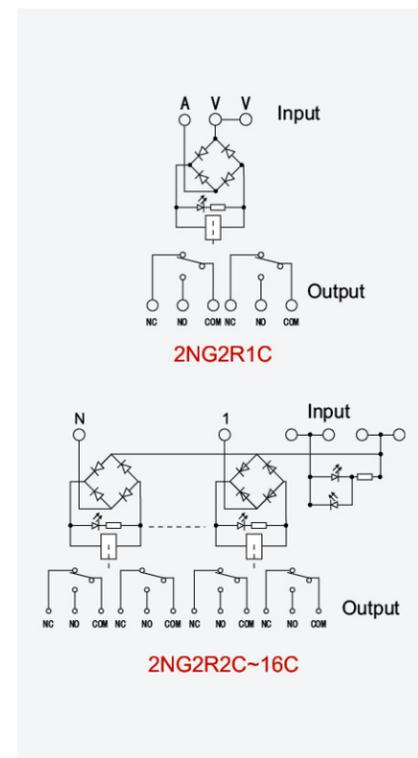
Relay Quantities	Dimension(mm)	Relay Quantities	Dimension(mm)
1	18×85×70	10	160×85×70
2	40×85×70	12	190×85×70
4	70×85×70	14	220×85×70
6	100×85×70	16	250×85×70
8	130×85×70		

SPECIFICATIONS

Input Operate Voltage	DC/AC±10%
Relay Mounting	Blade Model
Allowable Switching Voltage	5A 250VAC/30VDC
Contact Rating	5A
Input Current per Channel	6.5mA
Operating Time	15ms max
Release Time	10ms max
Input/Output Connection	Screw Connection
Suitable Cable	0.2~2.5mm ²
Stripping Length	6-7mm
Din Rail Mounting Size	15/28/35mm
Dielectric strength	2.5KV,50Hz,1MIN
Ambient temperature	-20°C ~50°C



WIRING DIAGRAM



备忘录