

# T90 Series Large Power Relay Module



## Ordering Model Number:FY-NT90

Model Number Legend

FY	N	T90	4	C	A220
Serial Name					
N:New					
T90:HONGFA HF105F-1 Relay					
Relay Quantities:4					
Coil Voltage:220VAC 220A-1HS					

## Dimension

Relay Quantities	Dimension(mm)
1	41×83×48
2	71×83×48
4	131×83×48

## Application

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.

## Features

- ◆ 1 Form A contact arrangement relay module;
- ◆ Built-in large power relay HF105F-1 certified with CCC, VDE, UL;
- ◆ Switching current upto 40A ;
- ◆ Input connections by screw terminal block.
- ◆ Relay status indicator LED,surge suppression protection are provided for each relay channel;
- ◆ DIN Rail mountable for width TS15/28/35

## Specifications

Relay Mounting	PCB Soldered
Coil Power	2 VA
Max. Switching Capacity	11080VA 1200W
Max. Switching Voltage	277VAC
Max. Switching Current	40A
Contact Rating	30A 240VAC
Pick-up Voltage VAC	176
Drop-out Voltage VAC	44
Insulation Resistance	1000MΩ
Input/Output Connection	Screw Connection
Suitable Cable	0.2~2.5mm <sup>2</sup>
Stripping Length	4-5mm
Din Rail Mounting Size	15/28/35mm
Dielectric strength (between coil&contacts)	2500VAC/4000VAC 1min
Ambient temperature	-20°C ~ 50°C

## Matching terminals



## Wiring Diagram

