



# Jiangsu Gold Electrical Control Technology Co.,Ltd.

## New. Three Phase Fan Speed Controller



### Application Introduction

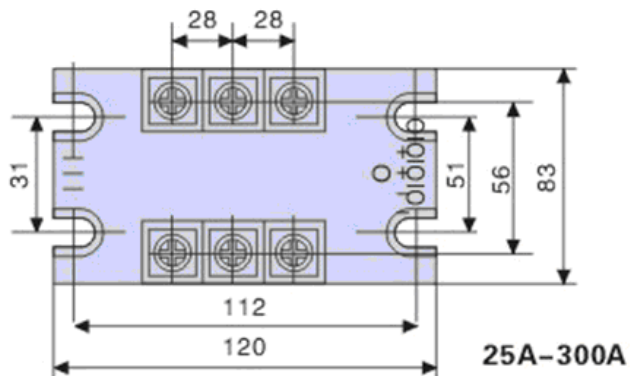
The main circuit of fan speed controller adopts full isolation three-phase regulating module, set three phase voltage testing, phase shift circuit, trigger electric circuit and three groups of reverse parallel unidirectional silicon controll in one, not need the external synchronous transformer, through the 1-5 VDC, 2-10 VDC, 4 - 20mA signal automatic control or external potentiometer manual control to change the conduction angle is implemented three-phase load voltage from 0 to grid full voltage of stepless adjustable. Widely used in all kinds of ac three-phase fan speed control, electric oven, lamp, Lighting, transformer primary regulating equipment of temperature, light, regulating and control, also suitable for pump.

### Main Characteristic

Three-phase integration design, has the power, control and fault indicator, It is convenient to use and installation; the terminal of input and output adopt optoelectric isolation; Built-in overheating protection function and RC surge absorbing circuit; Adjust linear good, strong anti-jamming ability, can be directly used with temperature - controlled meter.

### Performance Parameter

- Model: MFC3-60A, MFC3-80A, MFC3-100A, MFC3-120A, MFC3-150A, MFC3-200A, MFC3-250A, MFC3-300A
- Load adjusting voltage: 0-380VAC Adjustable continuously
- Current ratings: 25A-300A
- Control mode: 1-5VDC, 2-10VDC, 4-20mA, 10K
- Isolation bet. :  $\geq 2500$ VAC 1min
- Isolation to case:  $\geq 2500$ VAC 1min
- Turn to voltage:  $\geq 2$ VAC
- Operating temperature:  $-40 \sim 80^{\circ}\text{C}$



(diagrammatic drawing of build-in 3 phase speed control module)

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