



SF 單相 SCR 電力調整器高功能型 使用說明

Singal Phase Thyristor Power Regulator - Hyperfunction

I. Characteristics of Product & Protection:

- Maximum supply and exterior VR can be adjusted.
- Judge Freauency input automatically.
- Signal input control : offer 4-20 mA/0-5V/1-5V/0-10V/2-10V , applied for resistance and inductance loading.
- Over temperature protection , Cooling fan operation manner: Fan works at 55°C of cooling sheet , and stop at 45°C , this design can extend use-life of fan 2-3times.
- R phase fuse broken and detection notify: F_L LED lights and Error LED flashes by twice times frequency.
- Load short circuit and protecting functions: Reserved high speed fuse of semiconductor.
- Abnormal output point (COM, NO):When over temperature or fuse breaking ; offer abnormal output point for emergency control.

II. The LED of the faceplate is explained:

1. Power : Auxiliary power (AC1 , AC2) LED lights when input voltage 220VAC 50/60Hz.
2. Run : The LED lights when SCR is being output. " LED " does the light and shade change according the quantity of SCR output.
3. F_L(Fuse_Lose) : " Fuse_L " LED lights when R phase fuse blew.
4. Error : Abnormal indicator LED.

When fuse blew or no power source, Error LED flashes by twice times frequency.

The products is over temperature, Error LED flashes by three times frequency.

III. Adjusting knob explained:



Soft Start : Adjusting knob of power output raising time.

applied for JK2242SF, JK2256SF, JK2272SF/JK3842SF, JK3856SF, JK3872SF.
(JK2226SF/JK3826SF is internal setting.)



MAX ADJ : Adjusting knob of maximum limit

(turn left to right is 0-100%).

IV. Technical specification:

Main power voltage: 220 VAC, 380VAC $\pm 10\%$ /**Auxiliary voltage:** 220 VAC $\pm 10\%$

Rated current: 26A, 42A, 56A, 72A.**Work frequency:** 50 ~ 60 Hz(Auto. transmit).

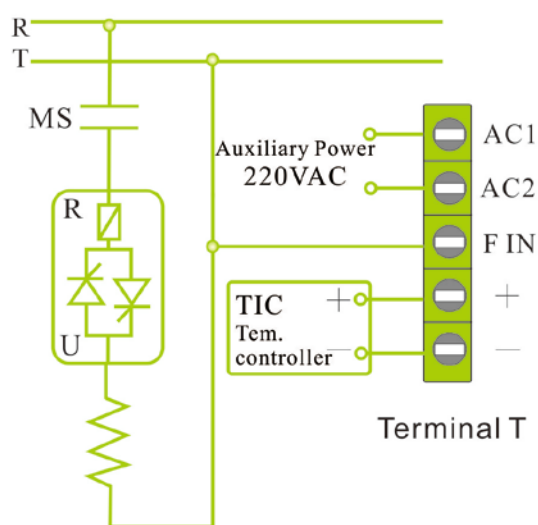
Output type: Angle phase. **Output voltage range:** 0~100%.

Angle phase input signal: 4-20 mA/0-5V/1-5V/0-10/2-10(manual transmit).

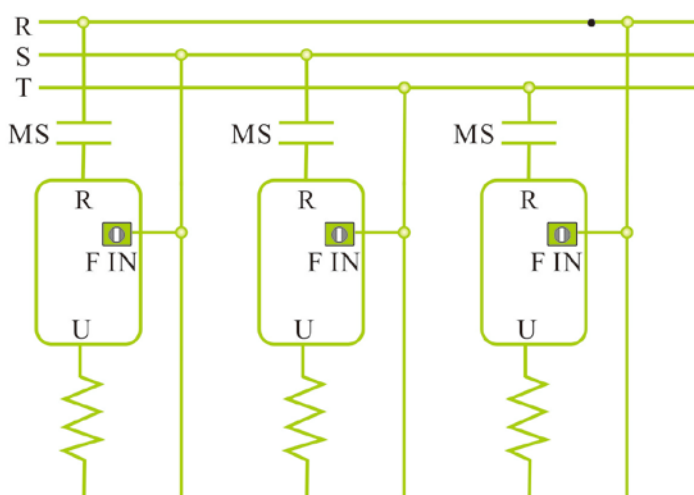
Working temperature: -10°C ~50°C humidity: under 90RH no condensed.

VI. Suggest wiring and control method:

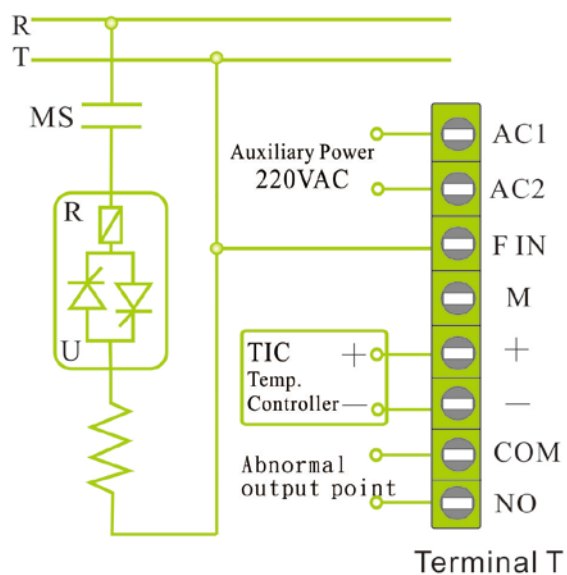
1. Input control signal 4-20mA,
applied for :JK2226SF/JK3826SF °



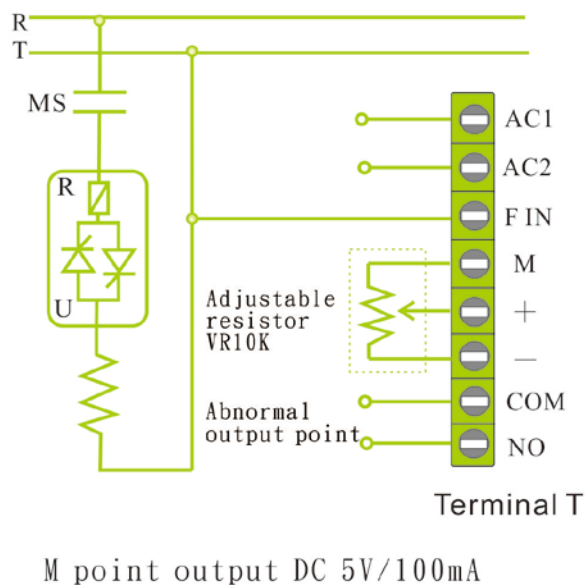
Three phases power used in SCR products.
Suggest control wiring diagram



2. Input control signal 4-20mA,
applied for JK2242SF,JK2256SF,JK2272SF °
JK3842SF,JK3856SF,JK3872SF °

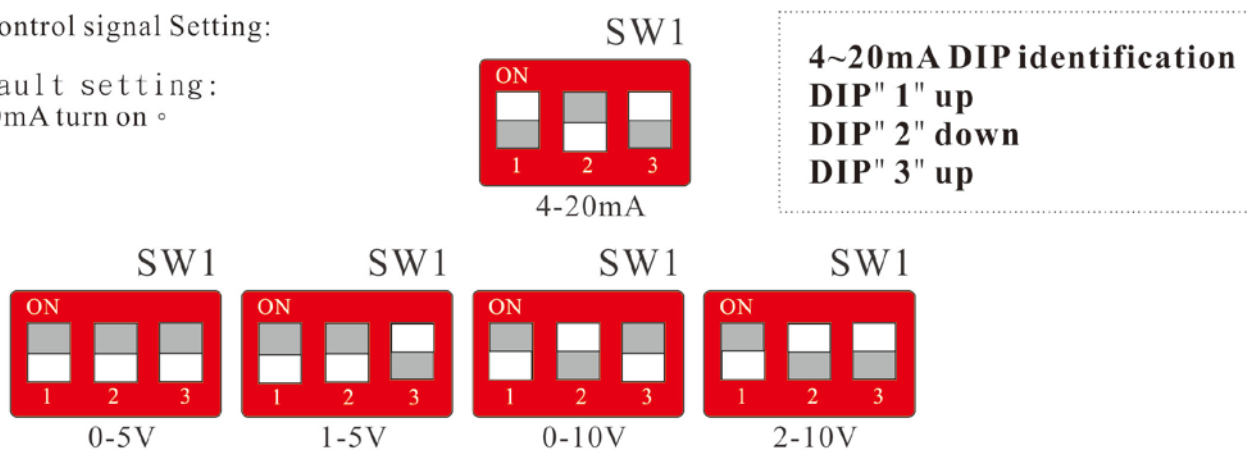


3. External adjustable resistor control,
applied for JK2242SF,JK2256SF,JK2272SF °
3842SF,JK3856SF,JK3872SF °



Input control signal Setting:

1. default setting:
4~20mA turn on °



2. Press the reset button or remove Terminal T than than replug after waiting 5 min. to reset after the default be repaired.