



S1 單相 SCR 電力調整器使用說明

Single Phase Thyristor Power Regulator-protecting

I. Characteristics of Product & Protection:

- Maximum supply and exterior VR can be adjusted.
- Signal receiving can be adjusted, offer : 4-20 mA/1-5V.
- 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 .
- Load short circuit protecting functions : Reserved high speed fuse of semiconductor semiconductor inside, don't be afraid that the load end short circuit.

II. The LED of the faceplate explanation:

1. Power : Auxiliary power (AC1 , AC2) LED lights when input voltage 220VAC 50/60Hz 【offer 110 VAC to choose, need to tell to the sales】 .
2. Run : " Run " LED lights when SCR is being output. “LED” makes the light and shade change according the quantity of SCR outputing.
3. F_L(Fuse_Lose) : " Fuse_L " LED lights when R phase fuse blew.
4. Error : Abnormal indicat LED.
Temperature of the products is too high.(applied for JK3842S1/3856S1/3872S1)

III. Adjusting knob explanations:



Base ADJ : Adjusting knob of output basic.

(Ex-factory standard settings,JK3826S1 is internal setting.)



MAX ADJ : adjusting knob of output maximum limit.

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.

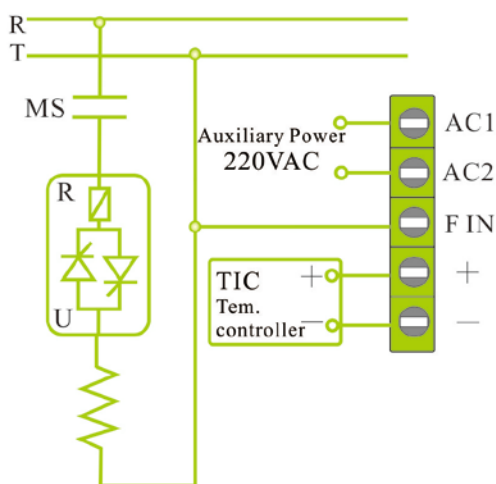
Output type: Angle phase. **Output voltage range:** 0~100%.

Angle phase input signal: 4-20mA, 1-5V. (manual transmit)

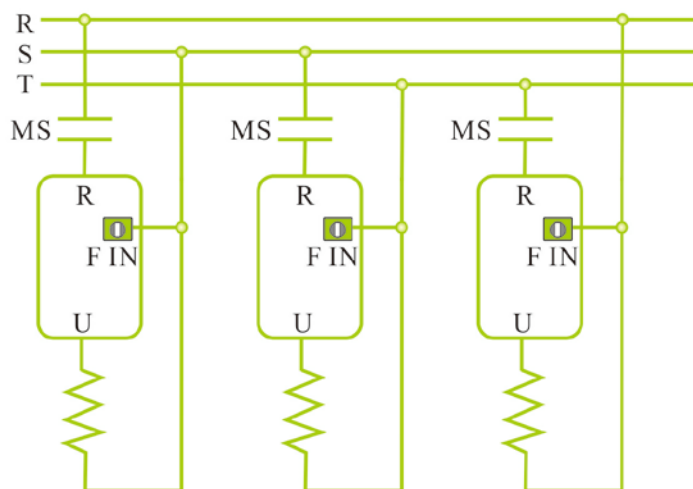
Working environment: -10°C ~50°C humidity under 90% RH no condensed.

VI. Suggest wiring and control method:

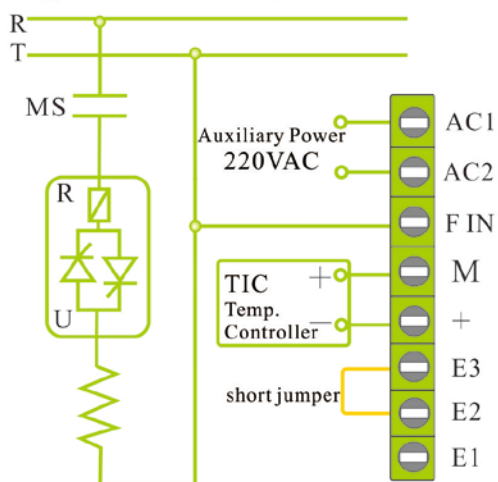
1. Input control signal 4-20mA,
applied for : JK3826S1 °



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

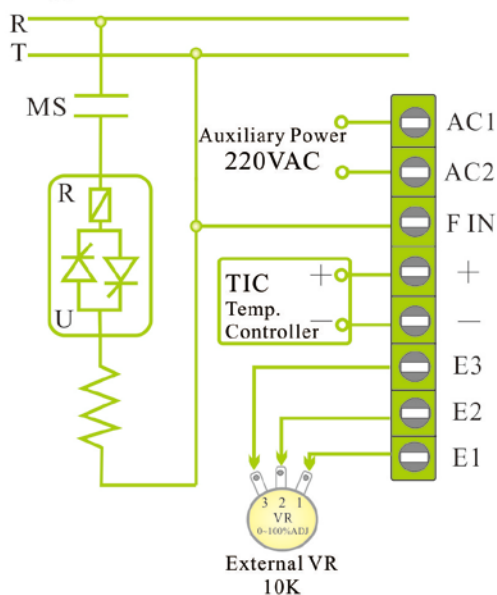


2. Input control signal 4-20mA,
applied for JK3842S1, JK3856S1, JK3827S1 °



Please jump E3 and E2
When external VR not be used °

3. Input control signal 4-20mA , external VR control °
applied for JK3842S1 、 JK3856S1 、 JK3827S1 線路 °



Outside VR fuction is extended from panel VR °
If the panel VR adjusted to 0%, that outside
VR will no function .

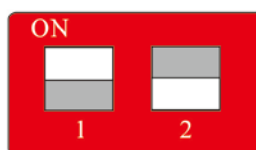
1. Input control signal Setting:

Ex-factory default setting:

1.1 4~20mA turn on °

1.2 E3, E2 short °

4~20mA 50Hz



0-5V 60Hz SW1

4~20mA DIP identification
DIP " 1 " up
DIP " 2 " down

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