



# Direct Push SCR Power regulator

(model : JK4818D1)

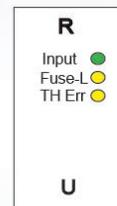


## I. Characteristics of power and protection

- Compact appearance save space. Fixing method : fixed on aluminum rail
- Control mode: This machine is a direct push type, and does not need additional control power .
- Output type: Angle phase output
- Signal input control: Temp. module signal 4-20mA  
Load short circuit protection function: Reserved high speed fuse of semiconductor to protect load short circuit.
- R phase fuse broken detection notify: With Fuse-L LED light on when fuse broken.
- Over temperature protection: With TH Err LED light on when the regulator body temperature is too high, it can automatically escape from working.

## II. Description of LED light on panel

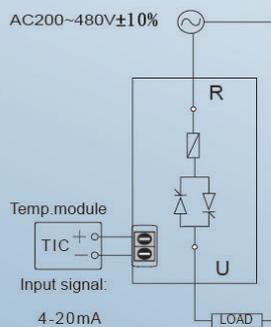
1. Input : indicator light on when signal 4-20mA input.
2. Fuse -L (F-L) : LED light on when R phase's fuse broken.
3. TH Err : Error warning light When machine overheating : indicator light on and start protection of auto-tripping.



## III. Technical Specification :

Main power : 200~480VAC,  
 Working frequency : 50 ~ 60 Hz ± 5 %  
 Fuse : special fast fuse for semiconductors  
 Output : angle phase output  
 Output range : it's 0~96% when main power is 220 VAC, and 0~98% when it's 380 VAC  
 Control signal of phase input : 4-20 mA  
 Applicable environment : -10°C ~ 50°C,  
 humidity : below 90%RH, and no condensation into water droplets

## IV. Wiring Diagram



## V. Dimension Drawing

