



~Universal input type~

Features:

- Three phase power regulator, auto phase detection
- **Work with all kinds of input, 0-10Vdc, 4-20mA, 0-5Vdc, potentiometer you don't have to choose the input when order this model, it works with all inputs**
- Soft start function to protect SCR and load against surge current
- Integrated display with various LED indicator for status and error display
- Integrated heatsink and fans with temperature detection
- Over temperature alarm, output protection after alarm on
- Maximum and minimum output configurable
- Auto/manual control bumpless transfer
- Run/stop function
- Rated load voltage 380~480Vac 50/60HZ
- Power supply for SCR to work is 100-240Vac, 12-24VDC optional
- Rated current options, 40 amps, 60 amps, 75 amps.
- This SCR only compatible with resistive load

Technical Specifications

Ordering Information

SCR-**1**-**2****3****4**-**5**

1: Type of SCR power regulators

7E 7E series Universal input SCR power regulator

2: Load phase

3 3 phase load system

3: Load current

4 40 amps 380~480Vac
6 60 amps 380~480Vac
7 75 amps 380~480Vac

4: Power supply for the unit itself

2 100-240Vac
4 380Vac
D 12-24Vdc

5: Over temperature alarm

N without alarm
M with 1 alarm, relay output

Remark: SCR-7E-372-N(SCR-7E 3 phase regulator, 75 amps, 100-240Vac)

Size and dimensions

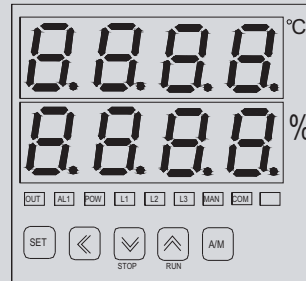


Model: SCR-7E-34 **40** amps
 overall size:160mm*110mm*148mm
 Mounting size:105mm*100mm

Model: SCR-7E-36 **60** amps
 overall size:160mm*110mm*148mm
 Mounting size:105mm*100mm

Model: SCR-7E-37 **75** amps
 overall size:160mm*110mm*148mm
 Mounting size:105mm*100mm

Panel discription



INDICATOR

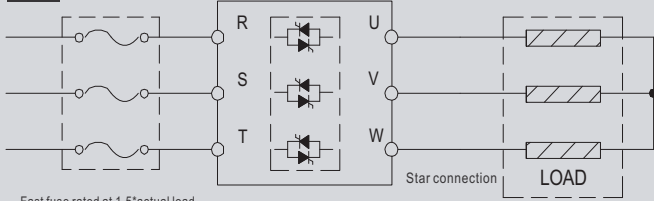
- OUT: The flashing frequency indicate the output ratio
- AL1: Over temperature alarm indicator
- POW: Power feed indicator
- L1: Phase indicator, when L1 absence, lights on
- L2: Phase indicator, when L2 absence, lights on
- L3: Phase indicator, when L3 absence, lights on
- MAN: Manual control indicator
- COM: SCR-7E do not available with RS-485

SET KEY

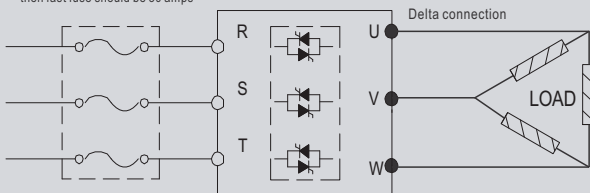
- SET: Parameter setting and configuraion
- A/M: Manual/auto control switch
- POW: Power feed indicator
- <: Left shift key, to shift the display unit
- v: Decrease key or Stop key

Connection diagram

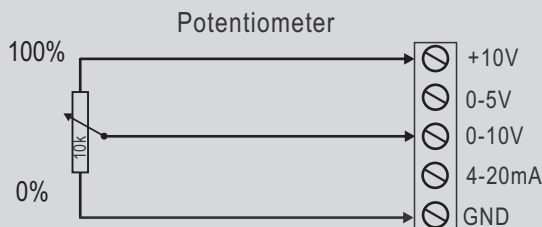
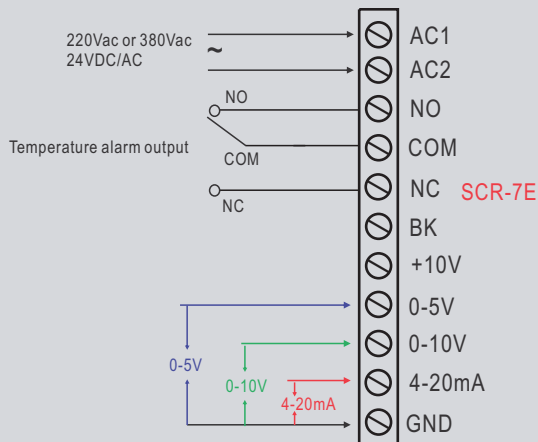
Load



Fast fuse rated at 1.5*actual load for example, if the actual current is 20 amps then fast fuse should be 30 amps



Input



Operation flow chart

Power on



Press SET once to enter into configuration menu

