

MGR-SCR-100LA-H

THREE PHASE POWER REGULATOR



Features

- Multi-function LED status
- Built-in fast fuse protection function
- Adjustable maximum output and minimum output
- Linear phase-shift control circuit with good stability and high precision
- Modularization with high pressure resistant, safer and more reliable .

Parameters

- Rated current: 40A,65A,75A,90A,100A,120A,150A
- Rated voltage: Three phase 380VAC (three-phase three-wire)
- Control signal: 4-20mA,0-5VDC,0-10VDC
- Control frequency: 50Hz/60Hz
- Output mode: phase output
- Protection function: Fast fuse
- Operating environment: Ambient temperature below 45 °C, ambient humidity below 90% RH

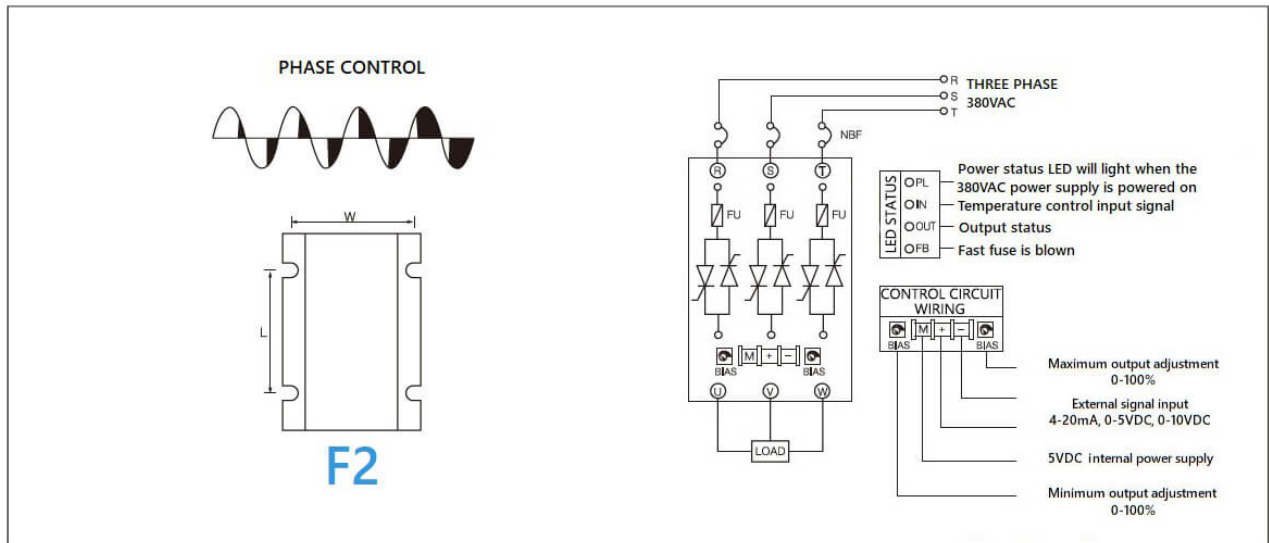
Notice

- The input circuit of the main circuit adopts three-phase three-wire connection, no phase sequence requirement.
- SCR is a high current component, so please **be sure to tighten** the (R, S, T) and (U, V, W) terminals, otherwise it will heat up the terminals and then burn out the SCR.
- SCR has a built-in fast fuse for overcurrent and short-circuit protection. If the fuse is blown due to overcurrent, be sure to replace it with a fuse of the same specification. Please do not increase Amps of the fuse arbitrarily!
- If the load adopts Y-connection, the neutral point cannot be connected to the neutral line, otherwise the SCR will lose control.
- If the load power is too high or the heat dissipation is not good, consider air cooling device to cool down the module.

Specifications

Model		MGR-SCR-LA-H
Rated current		40A 65A 75A 80A 90A 100A 120A 150A
Overall Dimension	Drawing	F1
	W	112
	L	164
	H	155
Installation Dimension	Drawing	F2
	W	101

Installation dimensions and wiring diagram



Attention: When the operating power is greater than 15KW, be sure to install a large radiator.