

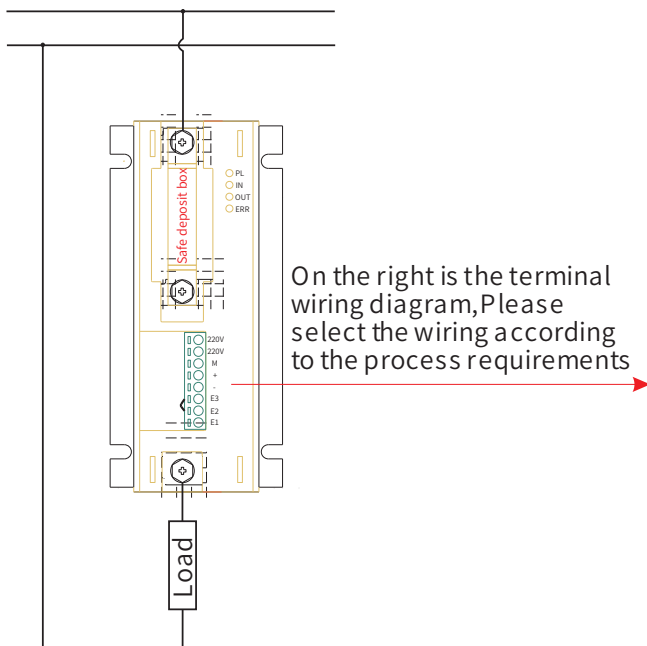
Thank you for purchasing HGW Series SCR Power Regulator. This manual is mainly to explain the installation and wiring of a number of considerations. Before operation, please read this manual in order to fully understand the use of this product. Please keep this manual for reference at any time.

01

Wiring diagram

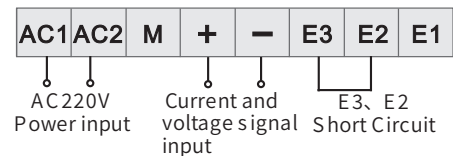
Main Power Connection:

Load power supply AC 100 to 440V

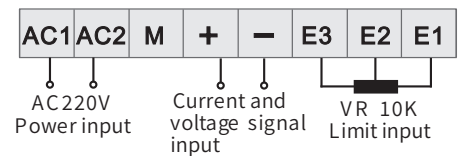


Control Board terminal wiring:

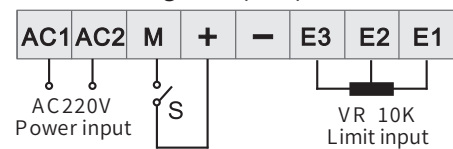
1. Current, voltage signal input, no potentiometer limit



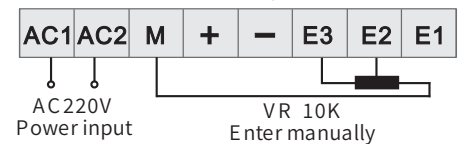
2. Current, voltage signal input, potentiometer limit.



3. Contact signal input, potentiometer limit.



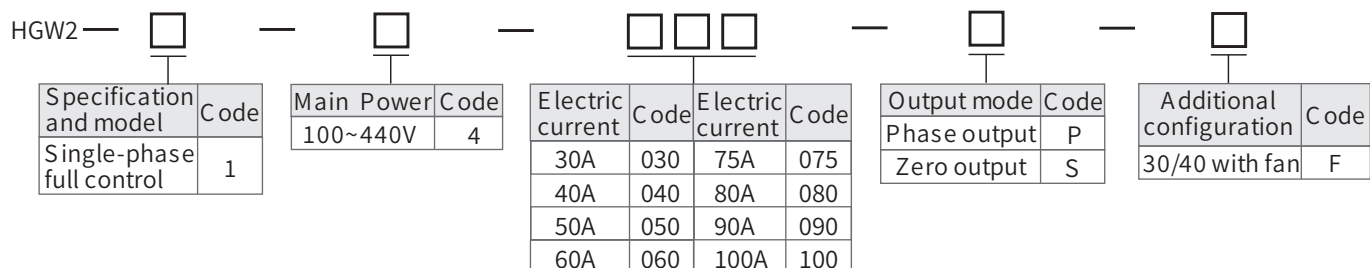
4. Manual potentiometer input, rotating potentiometer can adjust the output size.



Panel instructions and instructions

Name	Color	Function	Fault description
PL (Power indication)	Red	PCB control board power indicator	Lights On: normal working state; lights not on: Power Failure, Control Board does not work.
IN (Enter instructions)	Green	Control signal input indicator light	Light and dark changes with the size of the control signal: normal working state; If the indicator is off, an input fault occurs. 1. The control signal is not input, please check whether the signal input to SCR is disconnected or disconnected; 2, check whether the positive and negative control signal is reversed, please wire correctly according to the sign; 3, the control board is faulty, replace the same specifications of the control board or send for repair.
OUT (Output instructions)	Yellow	Output Indicator Light	As the output voltage increases, the duty cycle of the light increases
ERR (Overtemperature indication)	Red	Fault Indicator Light	The light is not on normally; Light for repair

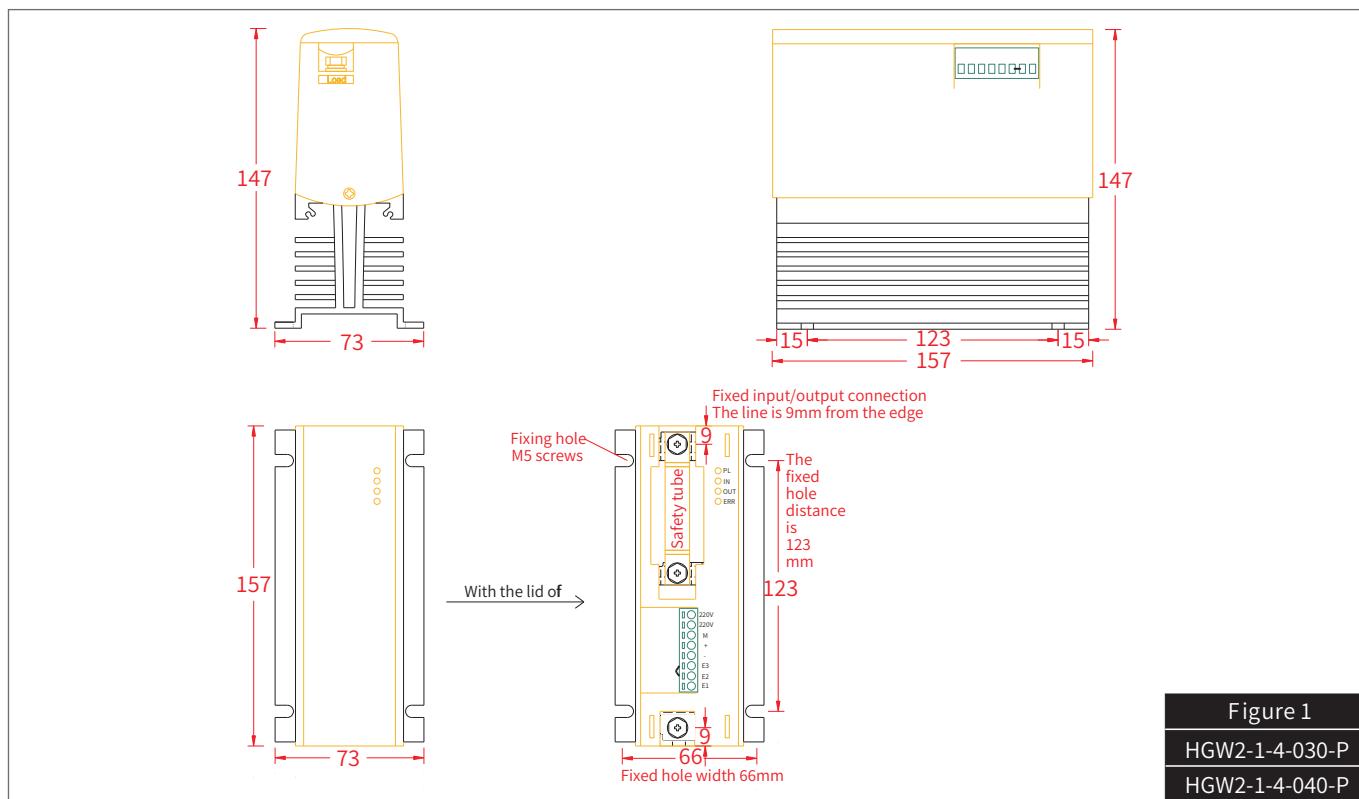
Specification and model



Overall dimension

Specification and model	Electric current	Load power (KW)		Apparent dimension (MM)			Fixed size (MM)		Weight (KG)	Screws and locking torque		Cooling mode	Illustration
		220V Power source	380V Power source	long	wide	high	long	wide					
HGW2-1-4-030-P	30A	5.0	9.0	157	73	147	123	66	1.5	M6	40kgfcm	Natural	Figure 1
HGW2-1-4-040-P	40A	6.5	10	157	73	147	123	66	1.5	M6	40kgfcm	Natural	
HGW2-1-4-030-PF	30A	5.0	9.0	170	73	147	123	66	1.5	M6	40kgfcm	Forced	
HGW2-1-4-040-PF	40A	6.5	10	170	73	147	123	66	1.5	M6	40kgfcm	Forced	
HGW2-1-4-050-P	50A	8.5	12	170	73	147	123	66	1.6	M6	40kgfcm	Forced	
HGW2-1-4-060-P	60A	10	15	170	73	147	123	66	1.8	M6	40kgfcm	Forced	
HGW2-1-4-075-P	75A	14	23	170	73	147	123	66	1.8	M6	40kgfcm	Forced	
HGW2-1-4-080-P	80A	15	25	170	73	147	123	66	1.8	M6	40kgfcm	Forced	
HGW2-1-4-090-P	90A	16	27	170	73	147	123	66	1.8	M6	40kgfcm	Forced	
HGW2-1-4-100-P	100A	18	30	170	73	147	123	66	1.8	M6	40kgfcm	Forced	

Product three views



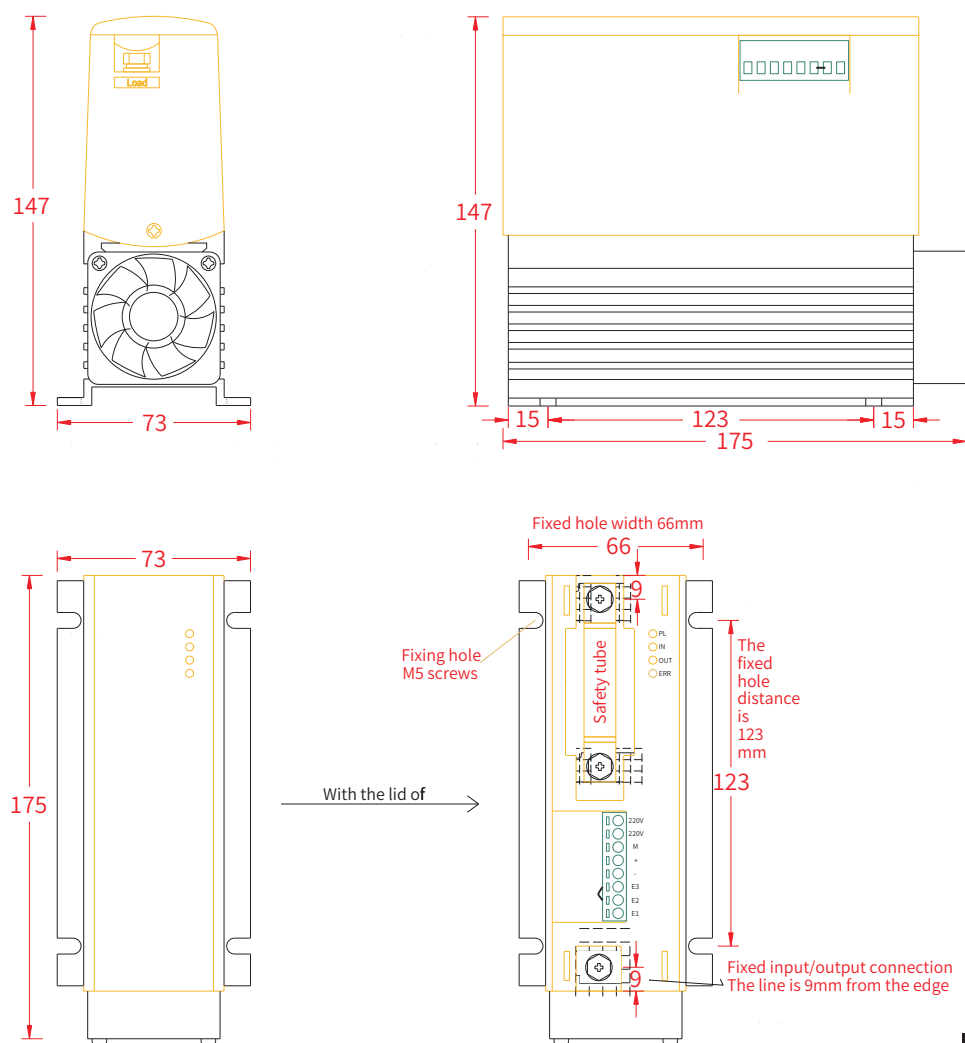


Figure 2

HGW2-1-4-030-PF
HGW2-1-4-040-PF
HGW2-1-4-050-P
HGW2-1-4-060-P
HGW2-1-4-075-P
HGW2-1-4-080-P
HGW2-1-4-090-P
HGW2-1-4-100-P