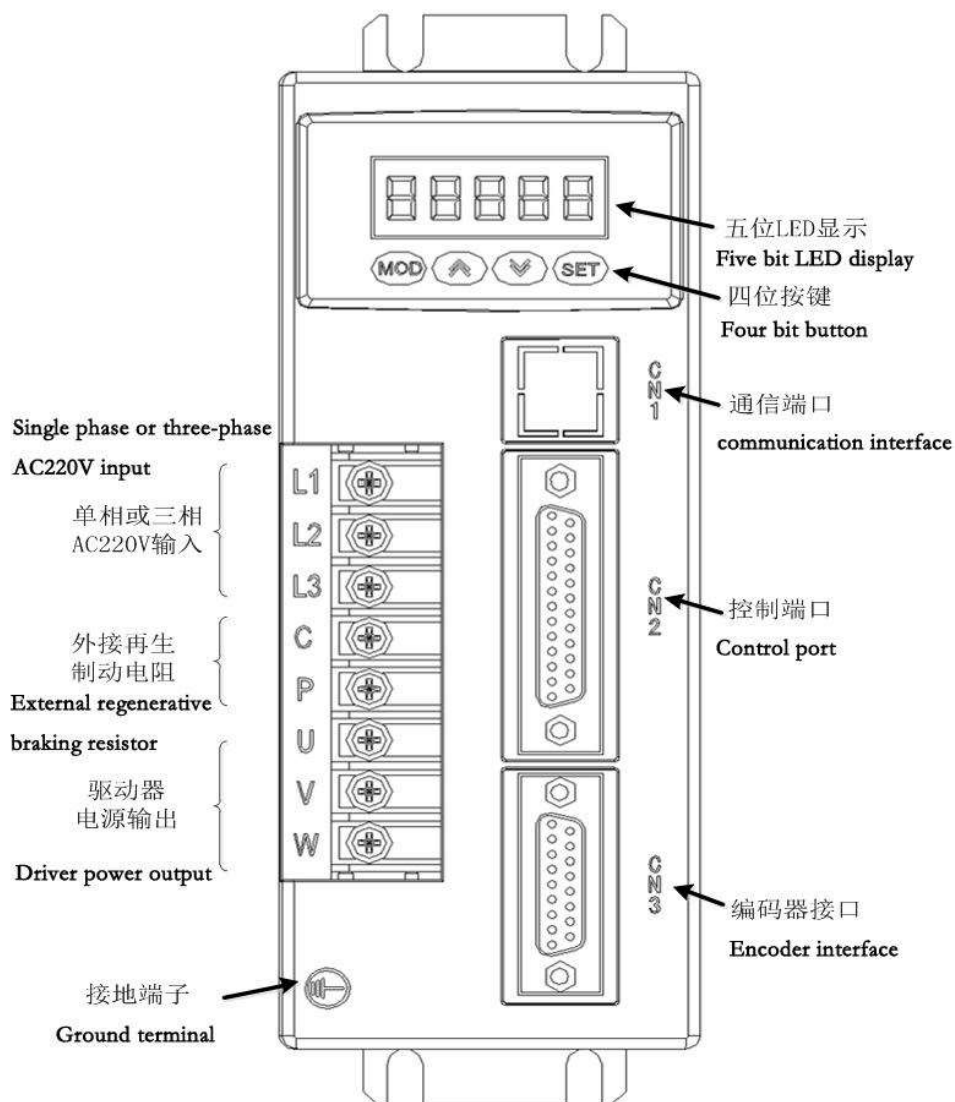

1.2 id label



Danger: Please follow the instructions, installation, wiring and use, be sure to reliably grounding

High-voltage power supply: Please don't disassemble the driver during the 5 minutes when the power is on and the power is cut off, so as to prevent electric shock

1.3 Product front panel



1.4 Drive specification

Input power		① Single phase or three-phase AC220V -15 to +10% 50 / 60Hz ② Single phase or three-phase AC380V -15 to +10% 50 / 60Hz
environment	temperature	Work: store at 0~55 DEG C: -20 ~ 80 DEG C
	humidity	Less than 90% (without condensation)
	Vibration	Less than 0.5G (4.9m/S ²), 10 to 60Hz (non continuous running)
control mode		IGBT PWM 正弦波控制 power pwm 正弦波控制
control model		① Torque mode ④Position / speed mode ② Speed mode ⑤Position / torque model ③ Location mode ⑥Speed / torque mode
control input		Servo enable, alarm reset, forward drive, inhibit and reverse drive prohibited, External forward torque limit, external reverse torque limit, emergency stop, Zero speed clamp, internal speed command select 1, internal speed command select 2Internal speed command select 3, internal torque command select 1, Internal torque command select 2, control mode switching, gain switching, The choice of the electronic gear molecule 1, the electronic gear molecule selection 2, the instruction counter, The position deviation is cleared, the pulse input is forbidden, the proportional control and the origin return trigger, Origin regression reference point, internal position selection 1, internal position selection 2, Trigger an internal position instruction, pause an internal position command, and select an internal and external position commandFixed length, displacement interruption, fixed length unlocking
Control output		Alarm detection, servo ready, emergency stop detection, positioning completed, Speed arrives, arrives at the predetermined torque, the zero speed examination, the servo motor electrify, Electromagnetic brake, origin return, position approach, torque limit, speed limit, Tracking torque command arrives
Encoder feedback		① 2500 line incremental encoder ② 17 bit absolute encoder
communication mode		① RS-232 ②RS-485
Display and operation		① 5 LED display ②4/5 keys
Braking mode		Energy consumption braking by built-in / external braking resistor

Cooling method	Air cooling (heat conduction mould, high speed strong cooling fan)
Power range	≤10KW

1.5 Servo motor installation

Installation environment condition

- Working environment temperature: 0~40 degrees centigrade; working environment temperature: 80% below (without dew).
- Storage environment temperature: -40 ~ 50 degrees; storage environment humidity: less than 80% (without condensation).
- Vibration: 0.5G below.
- Well ventilated place with little moisture and dust.
- non corrosive, fire gases, oil and gas, cutting fluid, iron powder and so on.
- no water vapor and direct sunlight.

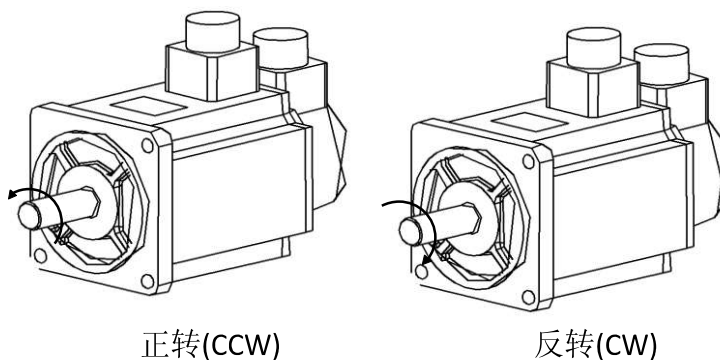
Installation method

- horizontal installation: to avoid water, oil and other liquids from the motor outlet end into the motor, please put cable outlet below.
- Vertical mounting: if the motor shaft is mounted upwards and attached to the reducer, attention shall be paid to preventing the grease in the reducer from penetrating into the motor through the motor shaft.
- The extension of the motor shaft needs to be sufficient. If the amount of the extension is insufficient, it will vibrate easily when the motor is moving.

- The installation and disassembly of the motor, with a hammer percussion motor do not, otherwise easy to cause damage to the motor shaft and the encoder.

1.6 Motor rotation direction

From the motor load side, the motor shaft extends counterclockwise (CCW) for the positive rotation, and the clockwise rotation (CW) is reversed.



1.7 Servo unit and motor model adaptation

The 220V drive model and the motor model adaptation sheet are as follows:

Motor model	Pn001	Rated speed (r/min)	Rated torque (N.M)	Rated power (KW)	KRS 15	KRS 20A	KRS 30A	KRS 50A	KRS 75A
60st_m00630	0	3000	0.6	0.2	✓	✓	✓		
60st_m01330	1	3000	1.3	0.4	✓	✓	✓		
60st_m01930	2	3000	1.9	0.6	✓	✓	✓		
80st_m01330	3	3000	1.3	0.4	✓	✓	✓		
80st_m02430	4	3000	2.4	0.75	✓	✓	✓		
80st_m03520	5	2000	3.5	0.73	✓	✓	✓		
80st_m04025	6	2500	4	1	✓	✓	✓		
90st_m02430	7	3000	2.4	0.75	✓	✓	✓		
90st_m03520	8	2000	3.5	0.73	✓	✓	✓		
90st_m04025	9	2500	4	1	✓	✓	✓		
110st_m02030	10	3000	2	0.6	✓	✓	✓		
110st_m04020	11	2000	4	0.8	✓	✓	✓		
110st_m04030	12	3000	4	1.2		✓	✓		