

SKY200 series small power drives

SMART

Simpler **M**aintenance friendly **A**ffordable **R**obust **T**ime to market

Product positioning

SKYDRIVE SKY200 series inverter is economical inverter specially for small scale processing and manufacturing automation control

Performance introduction

SKY200 series inverter is a high-quality and simple VF control inverter. It can run a wide range of speed and torque control in high precision by decoupling control of motor magnetic flux current and torque current: fast and accurately, high and hardware platforms, scientific production technology and complete testing equipment make the product more stable and reliable.

Capacity range

Power range: 0.4-3.7kw power range

Frequency range: 0.00-400.00HZ

Voltage level: single phase 220V/ three phase 380V

Technical features

1. Using DSP as the core of control unit to achieve high-speed and high-performance control
2. Motor parameter self-learning, intelligent setting to the optimal control model
3. High performance IPM module, protection function such as under voltage, overcurrent, overtemperature, over the ground short circuit etc.
4. The unique EMC design minimizing the pollution to power.

Application industry

Medicine, food, packaging, engraving, washing and other industries

Machinery equipment, a variety of small-scale machinery equipment.



STRUCTURE DESCRIPTION

Shuttle keypad

- Shuttle keypad-high precision rotary encoder
- Spin around increasing and decreasing by degrees
- Highlight LED display information

Remote control interface

- Support RJ45 port
- Support Remote control within 100m
- Support standard Rs485 communication

Independent air duct structure

- Separating the radiator and the drive control module
- Capacitance isolation is installed on the duct
- Forced air cooling



Wire-in terminal entry

- Cover removable
- Wiring is simple, top down out
- Enhanced ABS flame retardant material

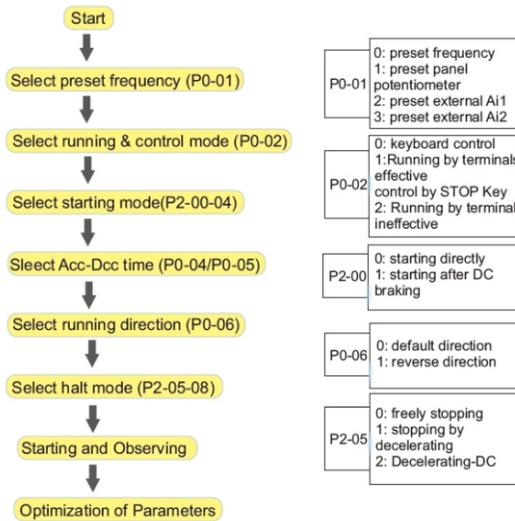
Control cable entry

- Compliance with the safety standards of mechanical equipment and electrical facility standard
- Connecting the main loop terminal and controlling circuit terminal
- Shorten the cable connection and installation time

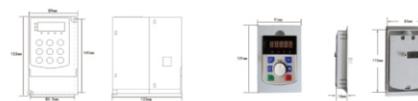
Capacitance isolation installation area

- Enhanced ABS flame retardant material
- Separating the capacitance from the other control panels
- Natural air cooling in air duct

Quick Debugging/Quick set up instructions



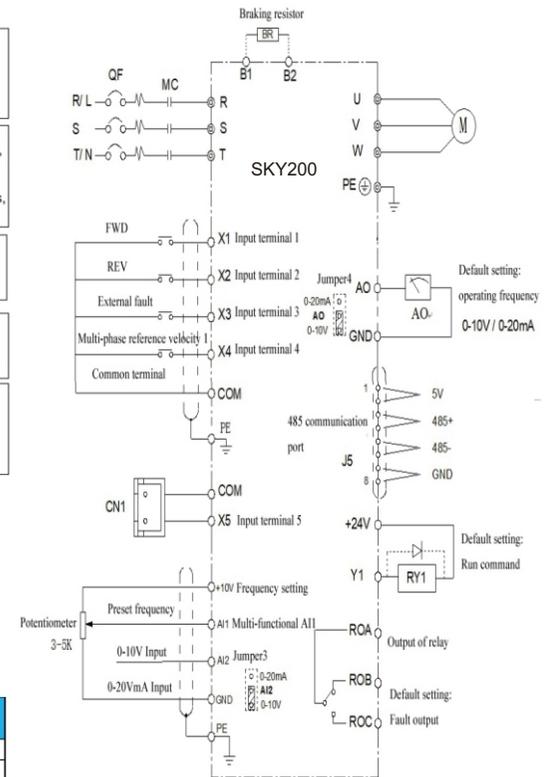
DEMENSION



Model	Mounting Dimension		Dimension			Pore Diameter(mm)
	length(mm)	wide(mm)	length(mm)	wide(mm)	high(mm)	
0.75kw-3.7kw	141	80.5	152	89	123	5.2

0.75kw-3.7kw keyboard installation dimension: length=115mm width=115mm

Control Circuit and Main Circuit Wiring



Model	Power Capacity (KVA)	Input Current (A)	Output Current (A)	Adaptable Motor	
				KW	HP
Single-phase 220V, 50/60Hz					
SKY200-0R4GS2	1	5.4	2.3	0.4	0.5
SKY200-R75GS2	1.5	8.2	4	0.75	1
SKY200-1R5GS2	3	14	7	1.5	2
SKY200-2R2GS2	4	23	9.6	2.2	3
Three-phase 380V, 50/60Hz					
SKY200-R75GT4	1.5	3.4	2.1	0.75	1
SKY200-1R5GT4	3	5	3.8	1.5	2
SKY200-2R2GT4	4	5.8	5.1	2.2	3
SKY200-3R7GT4	5.9	10.5	9	3.7	5