

SJR2-2000 Series Classic Soft Starter

SJR2-2000 SERIES EXTERNAL CONTACTOR TYPE SOFT STARTER

AC 3PH 380V 5.5~500kW



Main features

- The SJR2 series soft starters are highly integrated with various motor protection functions, making the soft starter application design simpler and more reliable, ensuring safe operation of the motor.
- Multi-protection including over-voltage, undervoltage, over current, lack of phase input and output, three-phase imbalance, short circuit.
- Ramp-up smooth and reliable at small current.
- Ramp-up curve is changeable as per working conditions.
- Analog output (DC 0~20mA).
- Different ramp up methods and protection methods for different applications.
- Start up limit: 6~30times / hour.
- Programmable relay output.

Applications

SJR2-2000 series soft starter widely used in many fields, such as mining machine, compressor, pump, petroleum machinery, gas machines, construction machinery and so on.

SJR3-3000 Series Soft Starter

SJR3-3000 SERIES BYPASS CONTACTOR BUILT IN TYPE SOFT STARTER

LCD display optional
AC 3PH 380V 5.5~250kW



Main features

- Built in Contactor makes the soft starter more compact.
- 5 types start mode for choosing.
- Programmable fault output.
- Super simple connection for main power input and output.
- Ramp-up smooth and reliable at small current.
- Ramp-up curve is changeable as per working conditions.
- Analog output (DC 0~20mA).
- Different ramp up methods and protection methods for different applications.
- Start up limit: 6~20 times / hour.
- RS485 communication(MODBUS).

Applications

SJR3-3000 series soft starter is contactor built in type which widely used in many fields, such as water supply, mining machines, ball mill machinery, pump, fans and so on.

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SAHNGHAI SANYU INDUSTRY CO., LTD.



SOFT
STARTER
CONTROL
CABINET
FREQUENCY
INVERTER

SY5000 Series Economic Frequency Inverter

SY5000 SERIES ECONOMICAL TYPE VECTOR CONTROL FREQUENCY INVERTER

AC 1PH 220V 0.4~2.2kW
AC 3PH 380V 0.75~18.5kW



Main features

- Variety of control modes, strong versatility.
- The built-in flexible PWM brake can quickly stop.
- Overload: G type, 150% for 60s, 180% for 5s.
- Low frequency mode:0~300Hz;High frequency mode:0~3000Hz.
- Control mode: 4 modes.
- Keypad is moveable.
- Built-in PID controller, standard configuration RS485 communication.
- Two channels analog input and two channels analog output.
- The structure is compact and light.

Applications

SY5000 series is V/F & Vector control economical type which widely used in many fields, such as CNC machines, water pump, textile machinery, printing machines, lift, crane and so on.



✉ Email: sales@sanyuinverter.com
 🌐 Web: www.sanyuacdrive.com
 ☎ Tel:+86-21-65046976
 📠 Fax:+86-21-51685815
 📍 Add: Unit 723, No.800, Shangcheng Rd. Shanghai.200120

SY2000 Series Mini Frequency Inverter

SY2000 SERIES ECONOMICAL TYPE V/F & VECTOR CONTROL FREQUENCY INVERTER

AC 1PH 220V 0.75-2.2kW
AC 3PH 380V 2.2-7.5kW



Main features

- Variety of control modes, strong versatility.
- Automatic identification of the motor parameters.
- External LED keyboard equipped with manipulator potentiometer.
- Control method: V/F control, vector control.
- Frequency output range: 0.10~400Hz.
- Starting torque: Auto raised; Manual increased up to 20% of raising torque.
- Standard RS 485 communication (MODBUS).
- Built in simple PLC and PID control.
- 25 kinds of protection functions.
- Compact design, Detachable keyboard design.

Applications

SY5000D series is V/F and vector control economical type which widely used in many fields, such as CNC machines, water pump, textile machinery, printing machines, lift, crane and so on.

SY8000 Series Heavy Duty Frequency Inverter

SY8000 SERIES IS HIGH QUALITY, BIG TORQUE, MULTI FUNCTION, SUPER QUIET V/F & VECTOR CONTROL FREQUENCY INVERTER

AC 1PH 220V 0.4~2.2kW
AC 3PH 220V 0.4~45kW
AC 3PH 380V 0.75~400kW



Main features

- Super big torque output.
- The built-in flexible PWM brake can quickly stop.
- The trip suppression function can achieve stable operation.
- Automatic identification of the motor parameters.
- The zero torque output.
- The ultra quiet operation.
- The shortcut menu design.
- Built in simple PLC and PID regulation.
- 25 kinds of protection functions.

Applications

SY8000 series frequency inverter is SVC high performance type which widely used in many industrial fields, such as CNC machines, textile machinery, printing machines, lift, crane and so on. It has a better performance in water supply and air compressor application.

SY9000 Series Intelligent Frequency Inverter

SY9000 SERIES OPEN LOOP & CLOSE LOOP TYPE FREQUENCY INVERTER

AC 3PH 220V 2.2~75kW
AC 3PH 380V 0.75~400kW

OPTIONAL TO PM MOTOR



Main features

- Four control modes: V/F control with PG, V/F without PG, open loop vector control, close-loop vector control.
- Input voltage: 220V~240V +/-15%, 3 AC 380V~460V +/-15%.
- Overload capacity: 150% for 60s, 180% for 10s, 200% for 3s.
- Start torque: 0Hz/150%(SVC), 0Hz/180%(FVC).
- Speed adjust range: 1:1000(FVC), 1:100(SVC).
- Speed control accuracy: +/-0.02%(FVC), +/- 0.2%(SVC).
- Speed control response: <3.5ms (FVC), <20ms (SVC).
- Modbus, profibus and CANopen communications are optional.
- 2 channels AI and 2 channels AO, (0-20mA, 0-10V)

Applications

SY9000 series frequency inverter is open loop & close loop type which widely used in many fields, such as heavy applications, special control applications, CNC machines, textile machinery, packing machines, printing machinery, paper machinery, lift, crane and so on.

SY8600 Series Wide Voltage Frequency Inverter

SY8600 SERIES VECTOR CONTROL WIDE INPUT VOLTAGE RANGE FREQUENCY INVERTER

AC 1PH 220V 0.4~30kW
AC 3PH 220V 0.4~45kW
AC 3PH 380V 0.75~630kW
AC 3PH 690V 0.75~400kW



Main features

- Variety of control modes, strong versatility, wide input voltage range 220V~690V.
- The built-in flexible PWM brake can quickly stop.
- The trip suppression function can achieve stable operation.
- Automatic identification of the motor parameters.
- The zero Hz torque output.
- Starting torque: vector control 150% rated torque at 0.5Hz.
- Standard RS 485 communication (MODBUS).
- Built in simple PLC and PID regulation.
- 25 kinds of protection functions.
- Overload ability: 150% rated current for 60s, 180% rated current for 2s.

Applications

SY8600 series frequency inverter is SVC high performance type which widely used in many fields, such as CNC machines, textile machinery, printing machines, lift and so on. It is suitable for special voltage working environment.