

Simple SS series inverter

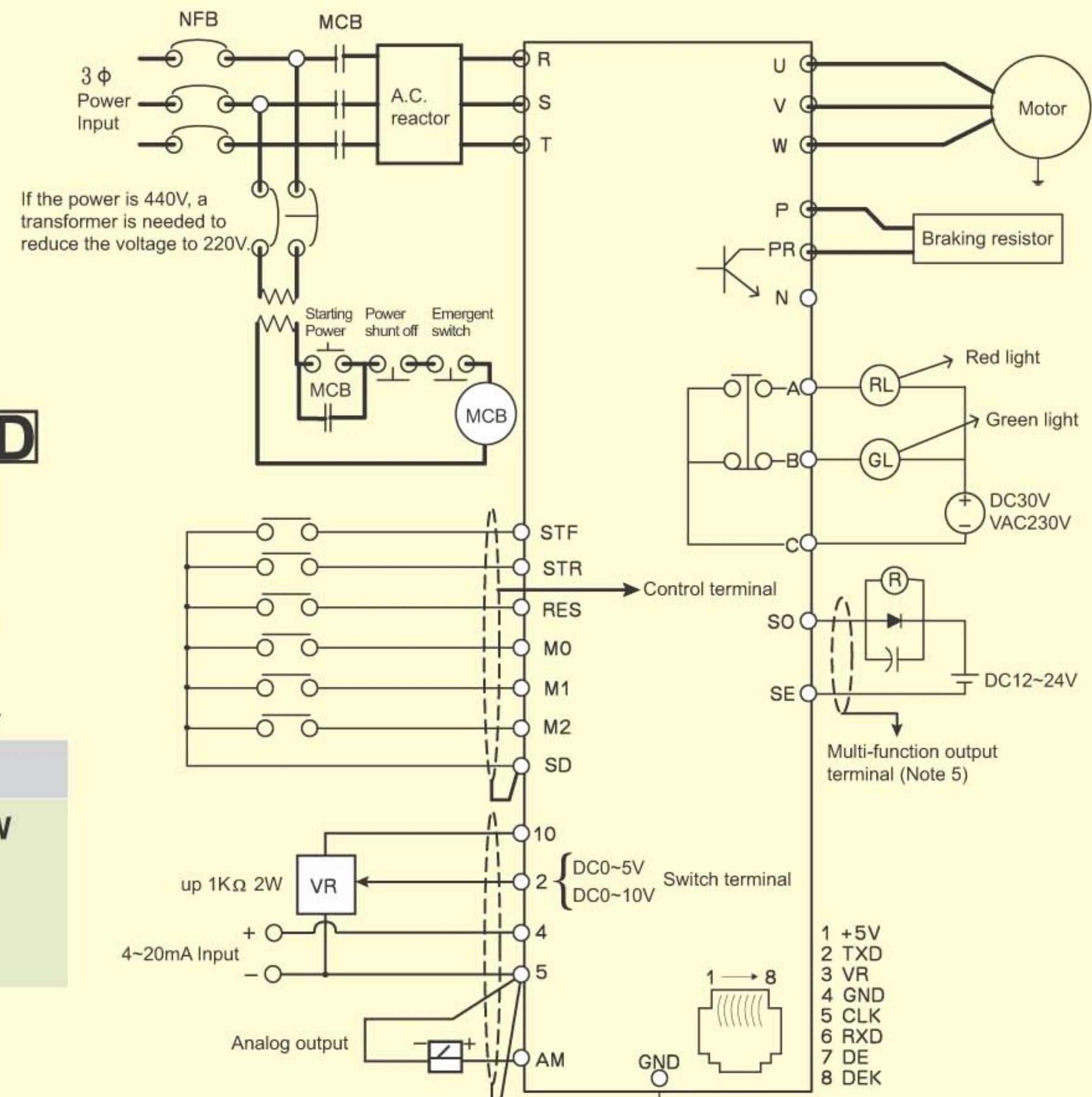
Easy operation is just for you

Terminal wire arrangement of 0.4K~3.7K series

Type SS0211-0.75KD

number	voltage	number	power
2	200V	1	1Ø
4	400V	3	3Ø

number	Inverter capacity
0.4K	Inverter capacity is KW
{	KD is RJ45 port
3.7K	KB is RS485 port



Shihlin Brand

PLC
INV

Temperature controller
DVR

AX/AXON/AXIN/AX1S
E024/E044 series
SH020/040 series
SS series
WT series
EH/EM/AM series

Agency Brand

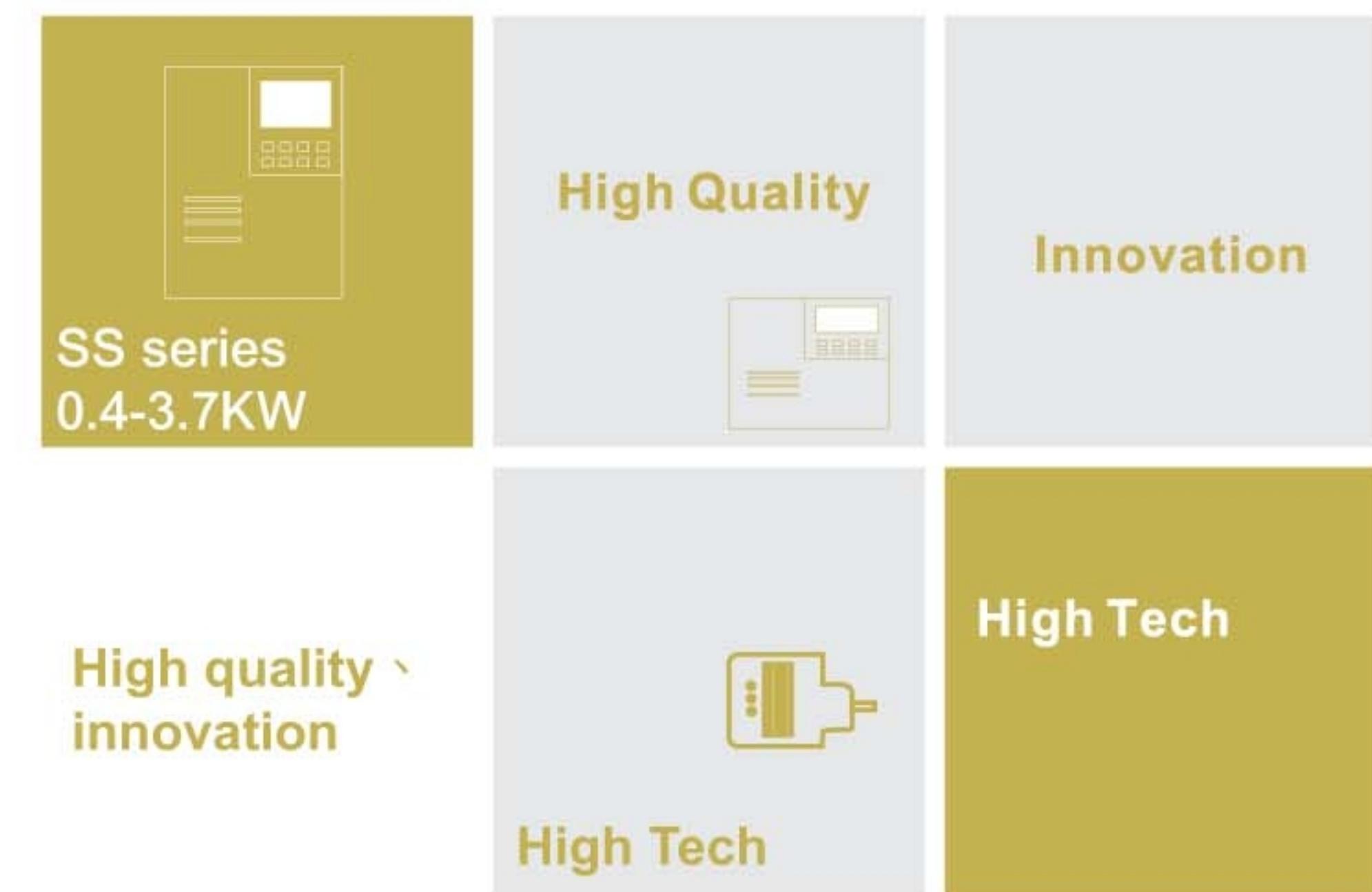
SUNK
SANKEN
Cognex
Aiphone
Mitsubishi
Sensor and Laser marker
Inverter
Checker
Intercom
PLC/HMI/INV/Servo

HEAD OFFICE 16F, No.88, Section 6, ChungShan N. Road, Taipei, Taiwan 111 TEL:(02)2834-2662
Automation Business group sales head Dept.

No.234, ChungLun, HsinFeng, HsinChu, Taiwan 304 TEL:(03)599-5111

Branches Around Taiwan

Taipei Branch 3F, No.9, Section 1, ChangAn Road, Taipei, Taiwan 104 TEL:(02)2541-9822
Hsin Chu Branch No.23, Chung-Hwa Rd., HukuoHsiang,HsinChu, Taiwan 303 TEL:(03)590-5200
TaiChung Branch No.134-3, Section 3, ChungGun Road, TaiChung, Taiwan 407 TEL:(04)2461-0466
Yunlin Branch No.448, Siping Rd., Douliou City, Yunlin County 640, Twiwan 640 TEL:(05)551-7299
TaiNan Branch No.198, Section 1, ChungHwa E. Road, TaiNan, Taiwan 701 TEL:(06)201-8979
KaoShung Branch No.250, ChungHwa 2nd Road, SunMing District, KaoShung, Taiwan 807 TEL:(07)316-0228



Simple SS series inverter

Easy operation is just for you

WWW.SEEC.COM.TW

Standard general KD series
Constant pressure pump professional KP series





Product Feature

Easy operation, speed volume build-in

Customize software, and easy to update

Output frequency 0.2-400Hz Own 8-step speed selection and 2 acceleration/deceleration times can be choose

Analog input

RJ45 socket

High performance、low noise

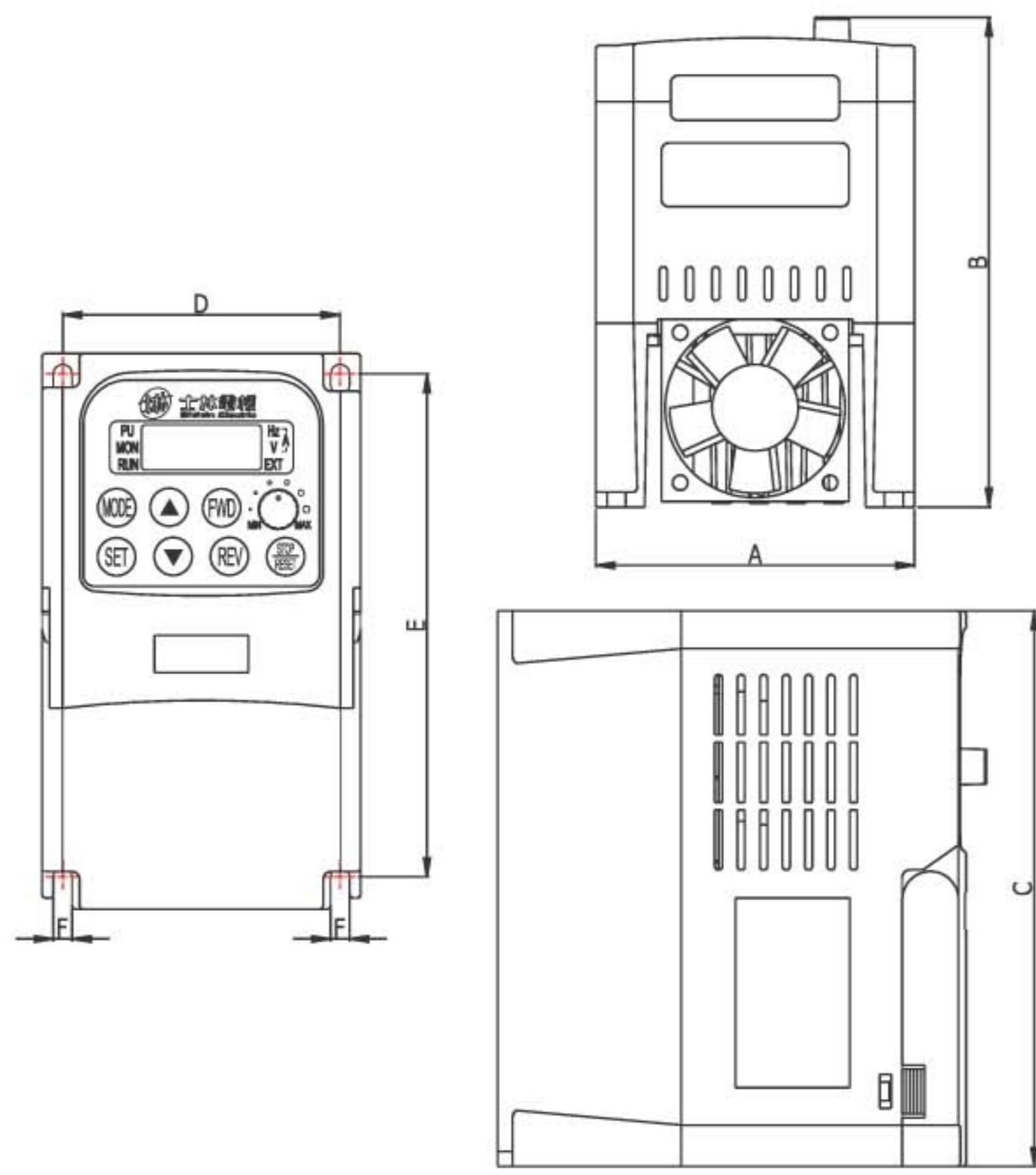
High starting torque

**Auto matic-adjustment
Auto torque boost and slip compensation**

3 sets of multi-function input terminal(M0-M2)

Multi-function output terminal

Mechanical Dimensions



TYPE	A	B	C	D	E	F
SS021-0.4K-0.75K	85	130.5	148	74	134	5
SS021-1.5K	100	131.5	186	86.5	173.5	5.5
SS021-2.2K	118	141.5	220	105.5	207	5.5
SS023-0.4K-0.75K	85	130.5	148	74	134	5
SS023-1.5K-2.2K	100	131.5	186	86.5	173.5	5.5
SS023-3.7K	118	141.5	220	105.5	207	5.5
SS043-0.4K-0.75K	85	130.5	148	74	134	5
SS043-1.5K-2.2K	100	131.5	186	86.5	173.5	5.5
SS043-3.7K	118	141.5	220	105.5	207	5.5

Standard Specification

Applicable motor capacity	Type	SS021- □□□ k				SS023- □□□ k				SS043- □□□ k												
		0.4k	0.75k	1.5k	2.2k	0.4k	0.75k	1.5k	2.2k	3.7k	0.4k	0.75k	1.5k	2.2k	3.7k							
Output	HP	0.5	1	2	3	0.5	1	2	3	5	0.5	1	2	3	5							
	KW	0.4	0.75	1.5	2.2	0.4	0.75	1.5	2.2	3.7	0.4	0.75	1.5	2.2	3.7							
	Rated output capacity kVA (Note)	0.95	1.5	2.5	4.2	1.2	2.0	3.2	4.4	7.0	1.0	2.0	3.0	4.6	6.9							
Power supply	Rated output current A (Note)	3.0	5.0	7.0	11.0	3.0	5.0	8.0	11.0	17.5	1.3	2.6	4.0	6.0	9.0							
	Over-current capacity	150% 60 Seconds; 200% 0.5 Second (reverse time characteristics)																				
	Maximum output voltage	3 Phase 200~240V				3 Phase 200~240V				3 Phase 380~480V												
	Rated power voltage	single phase 200~240V 50Hz/60Hz				3-phase 200~240V 50Hz/60Hz				3-phase 380~480V 50Hz/60Hz												
Power source	Power voltage permissible fluctuation	single phase 180~264V 50Hz/60Hz																				
	Power frequency permissible fluctuation	±5%																				
	Power source capacity kVA	1.5	2.5	3.5	4.2	1.5	2.5	4.5	5.5	9.0	1.5	2.5	4.5	5.5	9.0							
	Cooling method	Forced air cooling																				
Power consumption W (Note)	5.0	85	100	160	35	50	85	100	160	35	50	85	100	160								
	Weight kg	0.9	1.0	1.4	2.2	0.95	0.95	1.25	1.35	0.95	1.0	1.35	1.4	2.25								

Control method		PWM control, V/F control.											
Output frequency range		0.2~400Hz (The starting frequency setting range is 0~60Hz).											
Resolution for setting frequency	Digital setting	If the frequency set value is below 100Hz, the resolution will be 0.01Hz. If the frequency set value is above 100Hz, the resolution will be 0.1Hz.											
	Analog setting	When setting DC 0~5V signals, the resolution will be 1/500 When setting DC 0~10V or 4~20mA signals, the resolution will be 1/1000.											
Output frequency accuracy	Digital setting	±0.01% of maximum running frequency											
	Analog setting	±0.5% of maximum running frequency											
Voltage / frequency output characteristics		Base voltage (Pr19), base frequency (Pr3) can be arbitrarily set. Constant torque model, variable torque model can be selected (Pr14).											
Torque boost		The torque boost setting range is 0~30% (Pr0).											
Acceleration/deceleration curve characteristics		The acceleration/deceleration time setting range is 0~3600 Seconds (Pr7, Pr8). Different 'acceleration/deceleration curve' model can be selected (Pr29).											
Braking		The DC braking action frequency is 0~120Hz (Pr10); the DC braking time is 0~10 Seconds (Pr11); the DC braking voltage is 0~30% (Pr12).											
Stalling protection		The stalling protection level can be set to 0~200% (Pr22).											
Running frequency setting		Manipulator setting, DC 0~5V signal setting, DC 0~10V signal setting, DC 4~20mA signal setting, multi-speed stage level setting.											
PID control		Please refer to Pr160-Pr163 in chapter 4.											
Control terminals	Multi-function control terminals	Motor startup (STF, STR), second function (RT), 8-speed selection (RH, RM, RL), external thermal relay operate (OH) (can be set by the user). Please refer to Pr80-Pr84.											
	Reset (RES)	The inverter can be reset by external switch or by manipulator.											
Multi-function output terminals	Multi-function output terminal (S0)	Motor running detect (RUN), output frequency detect (FU), output frequency achieve (SU), overload alarm (OL), zero current detect (OMD), Pr40											
	External thermal relay output	Motor running detect (RUN), output frequency detect (FU), output frequency achieve (SU), overload alarm (OL), zero current detect (OMD), Alarm(alarm) Pr40											
	Multi-function A/D meter	Multi-function DC (0-10V) output (AM), output frequency current (Pr54)											
Manipulator	Running status monitoring	Output frequency inspection, output current inspection, output voltage inspection, abnormality recording. (Maximum 4 groups)											
Inverter's main machine	LED indication lamp (6)	Power indication lamp 'POWER', alarming indication lamp 'ALARM'.											