

SSN / SSA Robust & Reliable



SSN and SSA series AC motor soft starter is new type starting equipment with advanced features. This equipment designed and manufactured by the technique of power electronics microprocessor and modern control theory. Its can limit the start current efficiently when the asynchronous motor starts.

Basic Function

- ✓ Reduce the starting current of motor, capacity of power distribution and the investment cost
- ✓ Reduce the start stress; prolong the operation lifetime of the motor and correspond equipment.
- ✓ Smooth and steady starting and soft stopping; The Water hammer and surge can be avoid.
- ✓ Several sorts of starting mode, wide range setting of the current and voltage. It can be used in a lot of load conditions, so the technic can be improved
- ✓ Perfect and reliable protection; The safeguard of the motor and relative device can be achieved effectively.
- ✓ It can be used in the state in which motor should star and stop frequently.

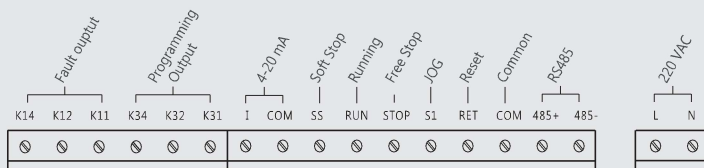
Technical Features

- Various Operating Voltage AC 380-1140; Powerfull load characteristics.
- The higher performance microprocessor and software are used, so the control circuit is simplified. The best perform speed can gained without the adjustment of the circuit parameters
- The modularization structure and up-in-down-out wiring mode are adopted. It is easy to used and integrated.
- Multi-Protection saving reduced cost and circuit has simplified.
- Analog output 4-20mA;
- Modbus RS485 Built-in SSA series (SSN without it)
- Remove Keypad LCD, easy to Setup

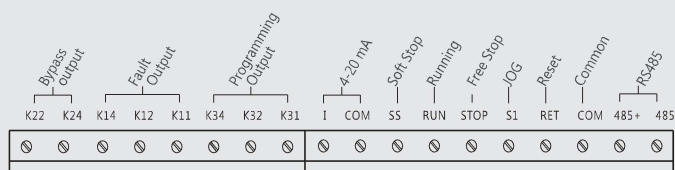
Model Apm kW

SSN (A)-015-3	30	15
SSN (A)-022-3	45	22
SSN (A)-030-3	60	30
SSN (A)-037-3	75	37
SSN (A)-045-3	90	45
SSN (A)-055-3	110	55
SSN (A)-075-3	150	75
SSN (A)-090-3	180	90
SSN (A)-110-3	220	110
SSN (A)-132-3	260	132
SSN (A)-160-3	320	160
SSN (A)-187-3	375	187
SSN (A)-200-3	400	200
SSN (A)-250-3	480	250
SSN (A)-280-3	550	280
SSN (A)-320-3	620	320
SSN (A)-400-3	800	400
SSN (A)-450-3	900	450
SSN (A)-500-3	1000	500
SSN (A)-600-3	1200	600

Terminals

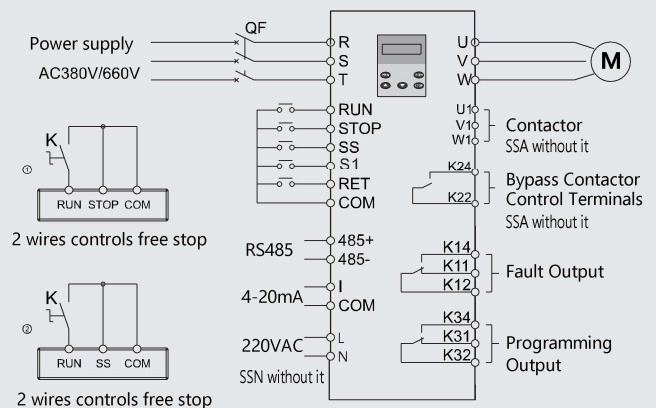


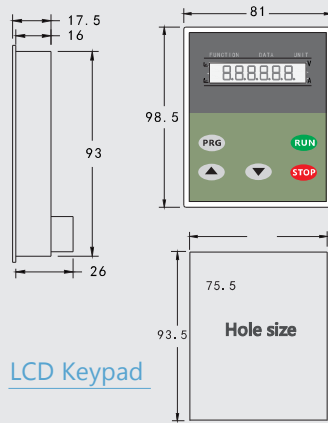
Terminals of SSA series



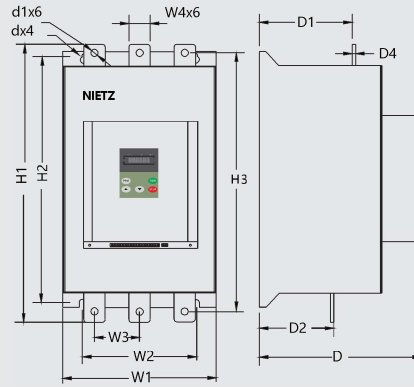
Terminals of SSN series

Connection

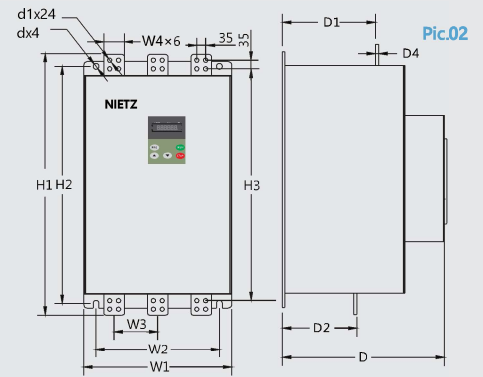




LCD Keypad



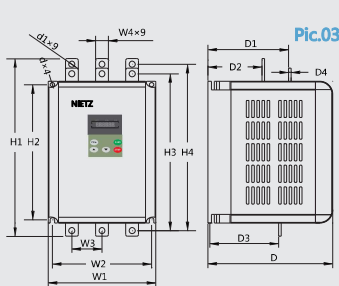
Pic.01



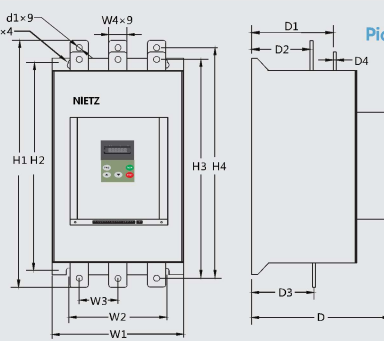
Pic.02

SSA series Soft Starter

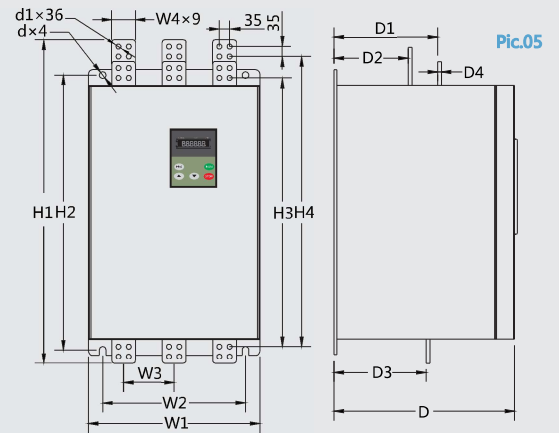
SSA Model	Frame size	Dimensions (mm)			Install size (mm)						Sheet Copper size (mm)				Mass (kg)	Mount Method
		W1	H1	D	W2	H2	D1	D2	d	W3	W4	H3	D4	d1		
SSA-015-3 ~ SSA-030-3	F1	188	343	215	125	320	102	91	Ø6.5	62.5	15	323	3	Ø8.5	8	
SSA-037-3 ~ SSA-075-3											20					
SSA-090-3											25					
SSA-110-3 ~ SSA-187-3	F2	236	490	216	182	440	119.5	98.5	Ø8	74.6	30	456	5	Ø10.5	22	Pic.01
SSA-200-3 ~ SSA-280-3	F3	299	592	225	245	518	137.5	103.5	Ø8	96	40	552	5	Ø14	36	
SSA-320-3 ~ SSA-400-3											50					
SSA-450-3 ~ SSA-500-3	F4	435	817	264	360	687	80	106	Ø11	131	60	722	13	Ø9	60	Pic.02



Pic.03



Pic.04



Pic.05

SSN series Soft Starter

SSN Model	Frame size	Dimensions (mm)			Install size (mm)						Sheet Copper size (mm)						Mass (kg)	Mount Method
		W1	H1	D	W2	H2	D1	D2	D3	d	W3	W4	H3	H4	D4	d1		
SSN-015-3 ~ SSN-030-3	F1	188	240	196	165	224	122	92	125	Ø5	653	15	262	282	3	Ø6	7	Pic.03
SSN-037-3 ~ SSN-075-3												20				Ø8		
SSN-090-3 ~ SSN-200-3	F2	236	414	216	182	343	125.5	70.5	59	Ø8	74.6	30	353	380	5	Ø10.5	16	Pic.04
SSN-250-3 ~ SSN-280-3	F3	299	498	225	245	404	137.5	75.5	64	Ø8	96	40	438	458	5	Ø14	24	
SSN-320-3 ~ SSN-400-3												50						
SSN-450-3 ~ SSN-700-3	F4	435	613	264	360	586	191	123	77	Ø11	131	60	678	723	8	Ø12	80	Pic.05