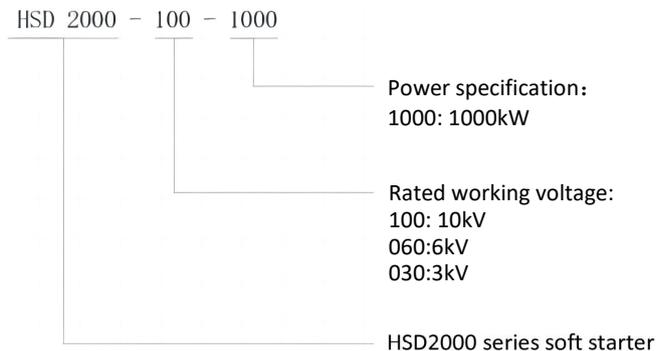
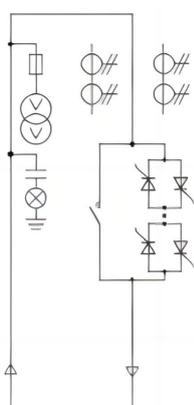


HSD2000 Motor Solid State Soft Starter

Model Description



Product Specification

	Items	Descriptions
Base	Rated voltage, frequency	3 phases: 3kV/6kV/10kV, 50Hz/60Hz
	Load type	3-Phase medium-high voltage squirrel-cage asynchronous/synchronous motor
	Signal transmission	Optical fiber
	Voltage sharing protection	RC protection circuit
	SCR peak voltage	6500V/pcs.
	Machine efficiency	99.9%
	Overload capacity	125% full load current continuous operation 400% full load current operation for 60 seconds 500% full load current operation for 30 seconds >6 times full load current 1 cycle waveform
Performance	Inching	voltage 0-100%
	Promote	voltage 40-100%
	Starting point of slope:	initial voltage 10-50%
	Current limit starts	Current limit: 100-500%, protection time: 1-200 sec.
	Soft Stop	1-30 sec.
	Docking stop	Docking stop
	Control method	Control panel, external, infrared remote control, RS485
	Main circuit	6 inputs and 3 outputs
	Continuous start interval	When the ambient temperature is >40°C and the starting current is >400%I _e , the interval is ≥15 minutes. When the temperature is low and the starting current is relatively small, the gap can be appropriately reduced, but >6 minutes
Starting current	≤ 400% rated motor current	
Environment	Height	Altitude below 1000 m (above 1000 m requires derating)
	Operation	-10~+40°C
	Humidity	5%~95%, no condensation of water droplets
	Vibration	<5.9 m/s ² (0.6 g)

Product Features

- Modular design
- 32-bit ARM+DSP control
- 3 sets of motor parameters
- Multiple viewing modes
- Built-in silicon controlled BOD protection
- Powerful protection function
- Optical fiber communication brings high reliability

Technical Features

- Built-in temperature sensor
- Supports soft start for uninterrupted repeated starts
- With complete motor protection function
- With output short circuit protection function
- Closed-loop control voltage ramp starting technology
- With intelligent bypass control technology
- Unique anti-accidental parking function

Converter Type Selection

Type	Voltage Level (kV)	Rated current (A)	Cabinet dimension		
			Height (mm)	Width (mm)	Depth (mm)
HSD2000-030-500	3	113	2300	1000	1500
HSD2000-030-900	3	204	2300	1000	1500
HSD2000-030-1250	3	283	2300	1200	1500
HSD2000-030-1800	3	408	2300	1500	1500
HSD2000-030-2000	3	453	2300	1500	1500
HSD2000-030-2000 above	3	> 450	Pre-order		
HSD2000-060-500	6	57	2300	1000	1500
HSD2000-060-1000	6	113	2300	1000	1500
HSD2000-060-1500	6	170	2300	1000	1500
HSD2000-060-2000	6	226	2300	1000	1500
HSD2000-060-2500	6	283	2300	1200	1500
HSD2000-060-3000	6	340	2300	1200	1500
HSD2000-060-3500	6	396	2300	1500	1500
HSD2000-060-4000	6	453	2300	1500	1500
HSD2000-060-4000 above	6	> 450	Pre-order		
HSD2000-100-500	10	34	2300	1000	1500
HSD2000-100-1000	10	68	2300	1000	1500
HSD2000-100-1500	10	102	2300	1000	1500
HSD2000-100-2000	10	136	2300	1000	1500
HSD2000-100-2500	10	170	2300	1000	1500
HSD2000-100-3000	10	204	2300	1200	1500
HSD2000-100-3500	10	238	2300	1200	1500
HSD2000-100-4000	10	272	2300	1200	1500
HSD2000-100-5000	10	340	2300	1500	1500
HSD2000-100-6000	10	408	2300	1500	1500
HSD2000-100-6000 above	10	> 450	Pre-order		