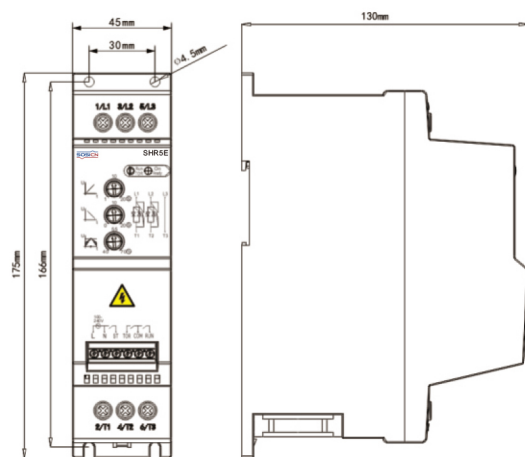


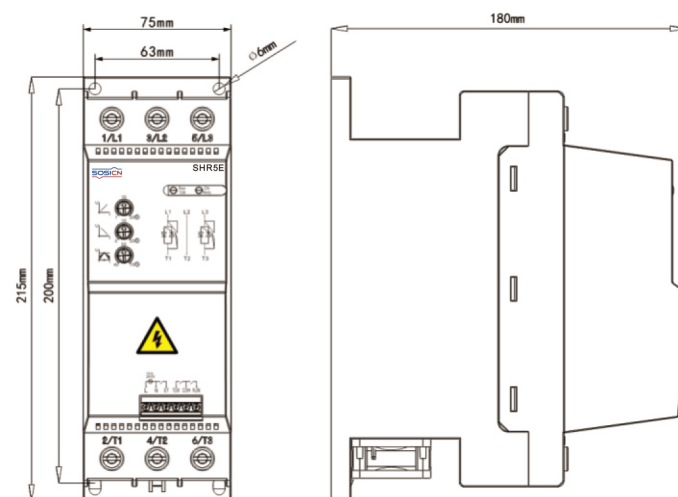
## Dimensions

SHR5E 4~30A



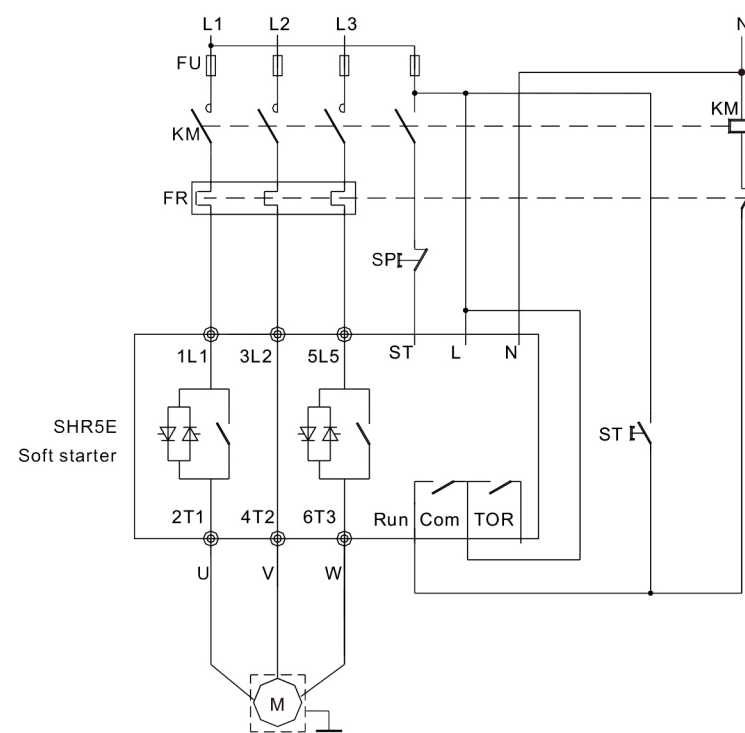
Style A

SHR5E 37~105A



Style B

## Electrical product schemati



浙江碩仕電氣科技有限公司

Zhejiang Shuoshi Electric Technology Co.,

Add: 浙江省乐清市经济开发区纬十九路77-3号

Tel: +86 577 62632333 Zip: 325605

Fax: +86 577 62632340

Web: www.sosicn.cn

Ver: 1.0 SH/24/01/15



# SHR5E

## Miniature Digital Soft Starter

The SHR5E is a miniature digital soft starter specifically designed for three-phase small squirrel-cage motors.

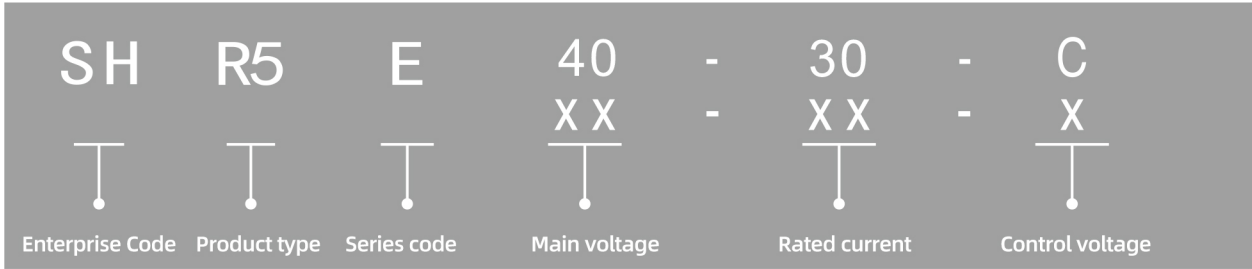
It can flexibly achieve soft starting and soft stopping, and both the soft starting and soft stopping processes are adjustable. The initial voltage (initial torque) during soft starting has multiple gear options.

In this way, the impact of current and mechanical torque during the motor starting process is greatly reduced, protecting the safety of the motor equipment and the power supply network. It can be widely applied to various small motor devices, such as in the control systems of industrial and commercial air conditioners, refrigerators, freezers, water pumps, etc.

This enables users to lower the requirements for the quality of the power supply network, reduce the burden on the power grid, and extend the service life of the equipment.

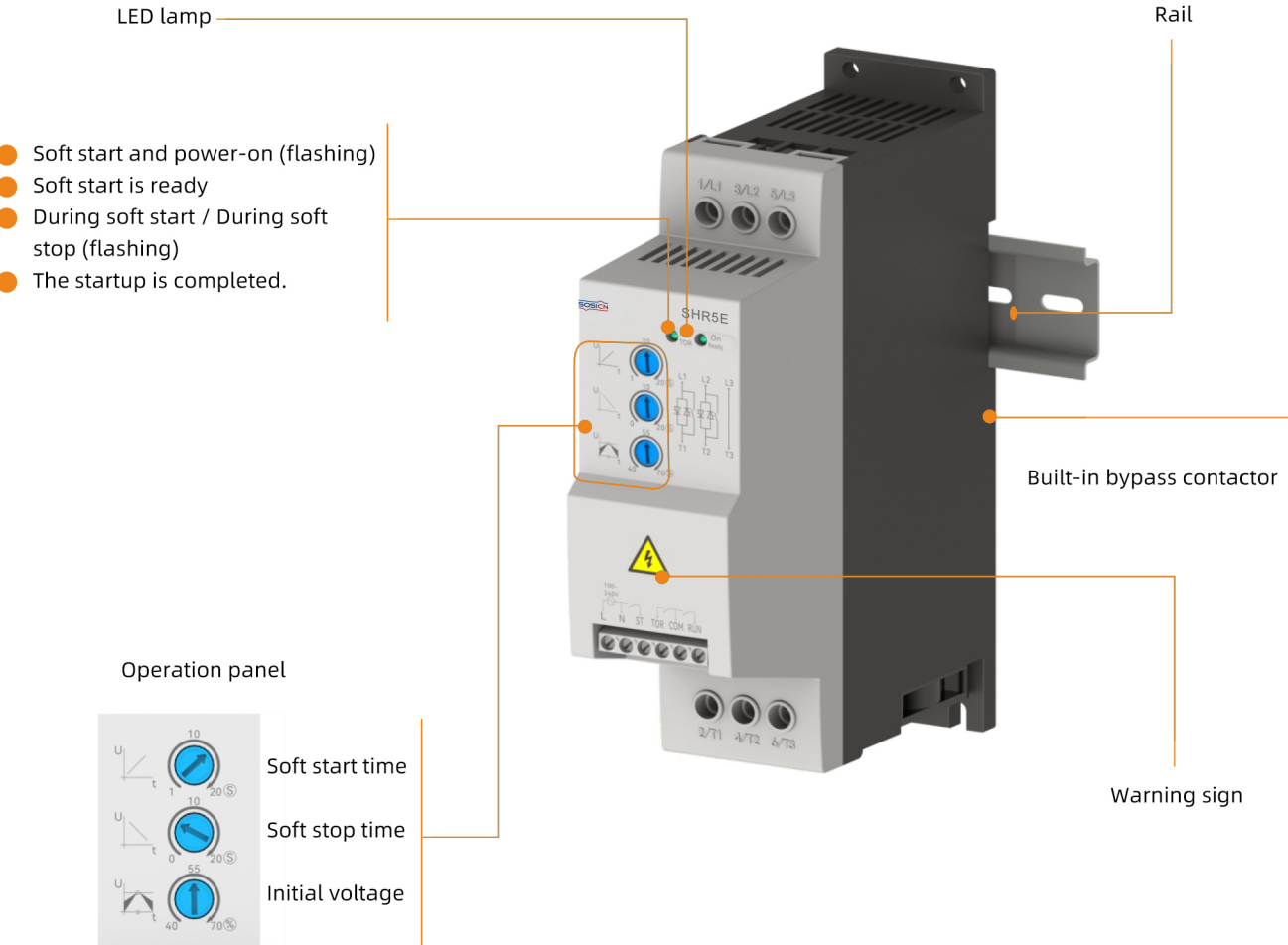
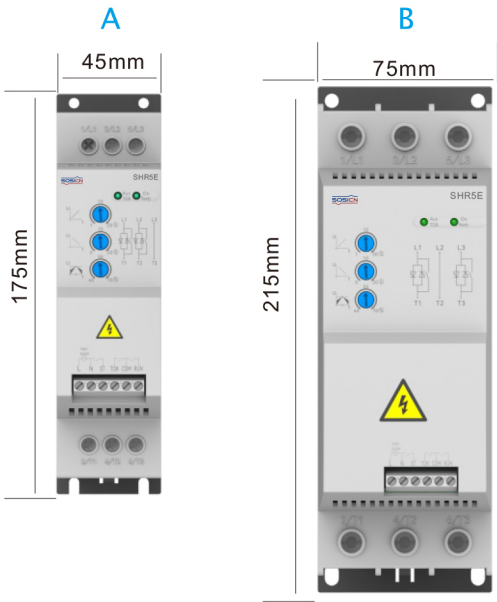
Product Selection &Feature

Technical Date



Main features

- It has a small, compact and sturdy structure, facilitating integration into the control system.
- The DIN rail groove base enables easy installation and fixation. Parameters are adjusted through a centralized knob, featuring simple and intuitive operation.
- With LED indicators, the power supply, operating status and fault analysis are clear at a glance.
- The soft - start and soft - stop times are adjustable, and there are multiple options for the initial soft - start voltage.
- It is equipped with a built - in bypass contactor, which reduces losses and extends the service life of the equipment.



4A to 105A motor soft starters

Motor power(KW)			Motor current	Specification model				Machine type
Three - phase 50/60Hz				Model	Voltage	Current	Control voltage	
200V	400V	600V	A					
0.75	1.5	3.0	3.9	SHR5E	-XX-	4.0	-X	A
1.5	3	6.0	6.8			7.0		
2.2	4.0	8.0	9.0			9.0		
3.0	5.5	11	12	SHR5E	-XX-	12	-X	
4.0	7.5	15	16			16		
5.5	11	22	25	SHR5E	-XX-	25	-X	
7.5	15	30	30			30		
9.0	18.5	37	37	SHR5E	-XX-	37	-X	
11	22	45	45			45		
15	30	55	60	SHR5E	-XX-	60	-X	
22	37	59	72			72		
25	45	75	85	SHR5E	-XX-	85	-X	
30	55	90	105			105		

Rated voltage	22:220VAC 50/60Hz
	40:400VAC 50/60Hz
	60:600VAC 50/60Hz
Rated current	04:4A,07:7A,09:9A,12:12A,16:16A,25:25A,30:30A
	37:37A,45:45A,60:60A,72:72A,85:85A,105:105A
Control voltage	C:110~240VAC 50/60Hz
	D:24VDC

Main voltage range	22V~600V AC 50/60Hz
Main current range	04~105A AC 50/60Hz
Control voltage	C:10~240VAC 50/60Hz
	D:24VDC
Soft start time	1~20S
Soft stop time	0~20S
Initial voltage	40%~70%Ue
Bypass type	Built-in bypass contactor
Installation method	Installation via a 35mm DIN rail or fixed installation with screws