

## 10KV High Voltage Solid Soft Start Device



Rongzhi Electric Power is a large-scale 10KV High voltage solid soft start device manufacturer and supplier in China. We have been specialized in High voltage equipment for many years. Our products have a good price advantage and cover most of the South America, Middle East, Africa, Southeast Asia markets. We look forward to becoming your long-term partner in China.

## Rongzhi 10KV High voltage solid soft start device

### Introduction

High voltage soft starter is a new intelligent motor starter, it is suitable for squirrel-cage asynchronous and synchronous motors. It is an integrated motor terminal control equipment of starter, display, Protection, data collection. Users can achieve more complex control functions by using fewer components. The high-voltage soft starter controls the input voltage through the conduction Angle between the control items in order to change the voltage value at the starter end of a motor, that is, control the starting torque and starting current of the motor to realize the motor soft start control. High voltage soft starter can accelerate smoothly according to the set starting parameters, thus reducing the electrical and mechanical impact on the power grid, motor and equipment. When the motor reaches the rated speed, the bypass contactor is switched on automatically. The high voltage soft starter continues to monitor the motor after starting and provides various fault protection.





## Rongzhi 10KV High voltage solid soft start device Technical Parameter

Voltage Paramet	er Powe r (kW) Size	Size	R a	ted Cu rrent (A)	W (mm)	H (mm)	D (mm)
3kV	400	RZMV-400-3		100	1000	2300	1500
	630	RZMV-630-3		150			
	1600	RZMV-1600-3		400	1150	2300	1500
	2500	RZMV-2500-3		600	Customized		
6kV	420	RZMV-420-6		50	1000	2300	1500
	630	RZMV-630-		75			

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		6				
	1250	RZMV-1250-6	150			
	1600	RZMV-1600-6	200			
	2500	RZMV-2500-6	300	1000	2300	1500
	3300	RZMV-3300-6	400			
	4150	RZMV-4150-6	500	Customized		
	5000	RZMV-5000-6	600			
10kV	420	RZMV-420-10	30	800	2300	1500
	630	RZMV-630-10	45			
	800	RZMV-800-10	60			
	1250	RZMV-1250-10	90			
	1500	RZMV-1500-10	110			
	1800	RZMV-1800-10	130			
	2250	RZMV-2250-10	160			
	2500	RZMV-	180			

		2500-10				
	2800	RZMV-2800-10	200	1000	2300	1500
	3500	RZMV-3500-10	250			
	4000	RZMV-4000-10	280			
	4500	RZMV-4500-10	320			
	5500	RZMV-5500-10	400			
	6000	RZMV-6000-10	430			
	7000	RZMV-7000-10	500			
	8500	RZMV-8500-10	600			
	10000	RZMV-10000-10	720			
	15000	RZMV-15000-10	1080			

## Rongzhi 10KV High voltage solid soft start device

### Application Fields



#### Cement

High temperature fan, kiln head exhaust fan, kiln tail exhaust fan, coal mill circulating fan, raw material grinding circulating fan, cement grinding circulating fan, ball mill, etc.



### Public Works

Clean water pump, sewage pump, purification pump, mixed flow pump, feed blower, etc.



### Chemical Industry

Dust removal fan, gas blower, Roots fan, desulfurization fan, gasCompressor (nitrogen, carbon dioxide, ammonia, etc.), circulating water pump, etc

**Other**

Pharmaceutical paper industry fan, water pump, etc. Sugar industry feeder, press, etc. rubber industry mixer and so on.

## Rongzhi 10KV High voltage solid soft start device

### Functional features

Strong anti-interference

Modular design

Communication interface: RS-485 communication interface, embedded standard MODBUS protocol, convenient configuration connection

Analog signal output: 4-20mA signal

Memory of 15 failures

Advanced and perfect start and stop function

High reliability, High security, Practical.





## ngzhi 10KV High voltage solid soft start device Technical characteristics

Vacuum switch component: after starting, three-phase vacuum bypass contactor automatically pulls in . the motor is working into power grid operation.

Signal acquisition & protection components: the voltage transformer, current transformer, lightning arrester collect main circuit voltage, current signal acquisition, the main CPU control and make corresponding protection.

System control and display components: 32-bit ARM core microcontroller execution center control. LCD/touch screen display, can display three-phase voltage, Current, information, running status, etc.

Cabinet structure adopts KYN28 high voltage switch cabinet body, the main structure adopts 2mm aluminum-zinc steel plate compound folding process, cabinet door adopts 2mm cold rolled steel plate compound folding process, cabinet door adopts electrostatic

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spraying process, with the characteristics of im act resistance corrosion resistance and beautiful a earance. The rotection level is IP40.