

## High Voltage Reactive Power Capacitor Bank Compensation Complete Sets Device



Rongzhi Electric Power is a large-scale High voltage reactive power capacitor bank compensation complete sets 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 High voltage reactive power capacitor bank compensation complete sets device Introduction

Suitable for 50Hz AC power system, 35kV and below substation installed in 6-35kV side to improve power factor, improve voltage quality, reduce network loss complete set of shunt capacitor device.

There are two kinds of structure of the high voltage automatic reactive body compensation equipment. One is cabinet structure, including electromagnetic locking, live display function, according to the actual situation can be added reactive automatic controller, automatic switching, high degree of integration, structure tight paint, used for indoor; Another is frame structure, low cost, electromagnetic closure by the user equipped, available dry white outside Cabinet high-pressure automatic reactive power compensation of complete sets of equipment mainly for the installation of high voltage parallel capacitor structure was improved, make it accord with the relevant provisions of the switchgear, equipment aiming at "turnkey" design innovation, installation of commissioning, equipment is mainly used for small substation transformer substation and business users, capacitor device installed in indoor use.



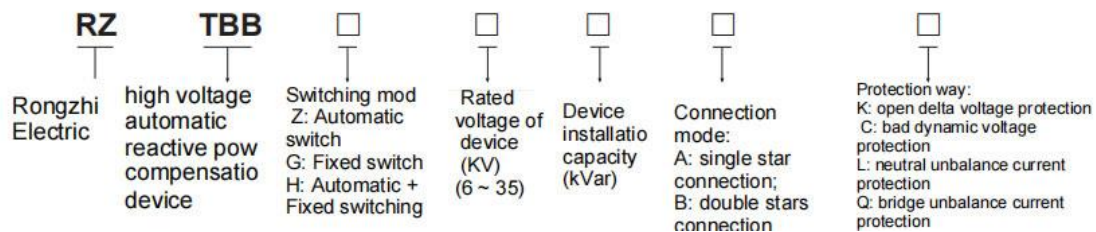
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## Rongzhi High voltage reactive power capacitor bank compensation complete sets device Functional features

- In place compensation structure design is reasonable, easy to use, synchronous switching with the motor, maintenance-free operation.
- Improve the transformer load rate and efficiency of electrical equipment, reduce the working temperature of the motor.
- High quality high voltage power capacitor, with high reliability, long life, small loss, low operating temperature rise, low failure rate, capacitor built-in or external power components, After the device is disconnected from the power grid, the residual voltage is reduced to below 50V within 5 minutes
- Depending on the size of the compensation capacity can be used single star or double star situation wiring mode, protection mode is mainly neutral unbalanced current protection, open triangle voltage protection, voltage differential protection;



## Rongzhi High voltage reactive power capacitor bank compensation complete sets device Model Parameter and Size

Size	Capacity (kVar)	Each Capacitor Capacity (kVar)	Cabinet Quantity ( Set )	Minium Size (W×D×H)(mm)
RZTBB □ 6-100-AK	100	33.4	1	1000×1500×2200
RZTBB □ 6-150-AK	150	50	1	1000×1500×2200
RZTBB □ 6-200	200	66.7	1	1000×1500×2200

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200-AK					
RZTBB □ 6-300-AK	300	100	1		1000×1500×2200
RZTBB □ 6-400-AK	400	134	1		1000×1500×2200
RZTBB □ 6-500-AK	500	167	1		1000×1500×2200
RZTBB □ 6-600-AK	600	200	1		1000×1500×2200
RZTBB □ 6-700-AK	700	234	1		1100×1500×2200
RZTBB □ 6-800-AK	800	267	1		1100×1500×2200
RZTBB □ 6-900-AK	900	300	1		1200×1600×2300
RZTBB □ 6-1000-AK	1000	334	1		1000×1600×2300
RZTBB □ 6-1200-AK	1200	400	1		1200×1600×2400
RZTBB □ 6-1500-AK	1500	250	1		1700×1600×2400
RZTBB □ 6-1800-AK	1800	300	1		1700×1600×2400
RZTBB □ 6-2000-AK	2000	334	1		1800×1600×2400
RZTBB □ 10-100-AK	100	33.4	1		1000×1500×2200
RZTBB □ 10-150-AK	150	50	1		1000×1500×2200

150-AK				
RZTBB □ 10-200-AK	200	66.7	1	1000×1500×2200
RZTBB □ 10-300-AK	300	100	1	1000×1500×2200
RZTBB □ 10-400-AK	400	134	1	1000×1500×2200
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RZTBB □ 10-1000-AK	1000	334	1	1000×1600×2300
RZTBB □ 10-1200-AK	1200	400	1	1200×1600×2400
RZTBB □ 10-1500-AK	1500	250	1	1700×1600×2400
RZTBB □ 10-1800-AK	1800	300	1	1700×1600×2400
RZTBB □ 10-2000-AK	2000	334	1	1800×1600×2400

## **Rongzhi High voltage reactive power capacitor bank compensation complete sets device Product features**

- The device can run for a long time under stable overvoltage 1.1 times of the rated working voltage.
- The device can operate continuously under overcurrent not more than 1.3 times of rated current of the capacitor bank
- The device adopts vacuum contactor to switch, which can be operated frequently
- Each group of capacitor is equipped with discharge coil, the residual voltage can drop below 50V in 5 seconds