

High Voltage Distribution Cabinet Automatic Compensation Device



Rongzhi Electric Power is a large-scale High voltage distribution cabinet Automatic compensation 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 distribution cabinet Automatic compensation device Introduction

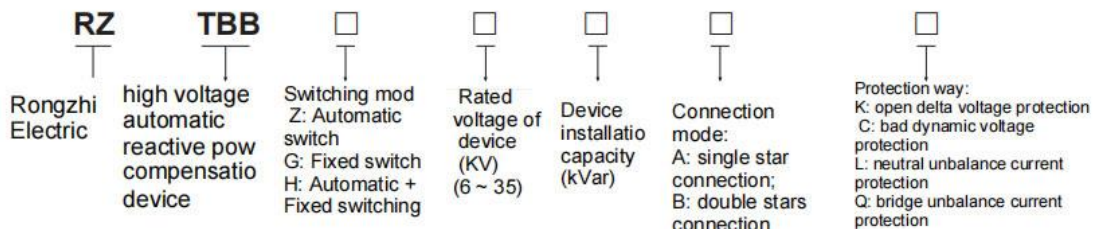
Suitable for 50Hz AC power system, 35kV and below substation installed in 6-35kV side to improve power factor, improve voltage quality, reduce network loss complete set of shunt capacitor device.

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.



Rongzhi High voltage distribution cabinet Automatic compensation device Functional features

- Each group of capacitors can be protected by relay or microcomputer protection control unit to achieve capacitor bank overcurrent, voltage imbalance, system undervoltage, overvoltage protection. When a group of capacitors appear barrier, can cut this group of capacitors, does not affect the use of other capacitors
- Each capacitor is protected by spray type fuse, also equipped with lightning arrester starting operation overvoltage and lightning strike overvoltage protection
- Large LCD display controller, real-time display system voltage, current, power factor: with open standard communication interface, can achieve the "four remote" function.
- Each group can be equipped with reactor to inhibit inrush current or harmonic amplification.
- 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 distribution cabinet Automatic compensation 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-AK	200	66.7	1	1000×1500×2200
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	1200	400	1	1200×1600×2400

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1200-AK				
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
RZTBB □ 10-200-AK	200	66.7	1	1000×1500×2200
RZTBB □ 10-300-AK	300	100	1	1000×1500×2200
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RZTBB □ 10-1000-AK	1000	334	1	1000×1600×2300

1000-AK				
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 distribution cabinet Automatic compensation device Normal conditions of use

- Altitude: not higher than 1000m
- Ambient temperature: -25℃ ~ +55℃
- Relative humidity: not more than 85%
- The operation site is not allowed to exist explosive danger medium, the surrounding medium should not contain corrosive and destroy

