

## 6kv Arc Extinction Cabinet



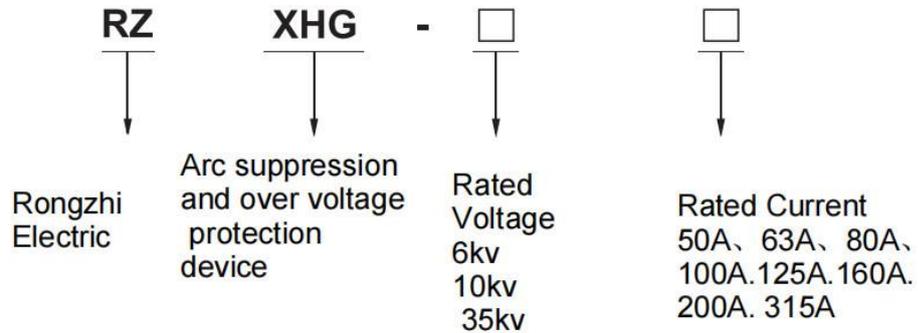
Rongzhi Electric Power is a large-scale 6kv arc extinction cabinet manufacturer and supplier in China. We have been specialized in High voltage equipment for many years. Our products have a good price advantage and cover most of the South America, Middle East, Africa, Southeast Asia markets. We look forward to becoming your long-term partner in China.

## Rongzhi 6kv arc extinction cabinet Introduction

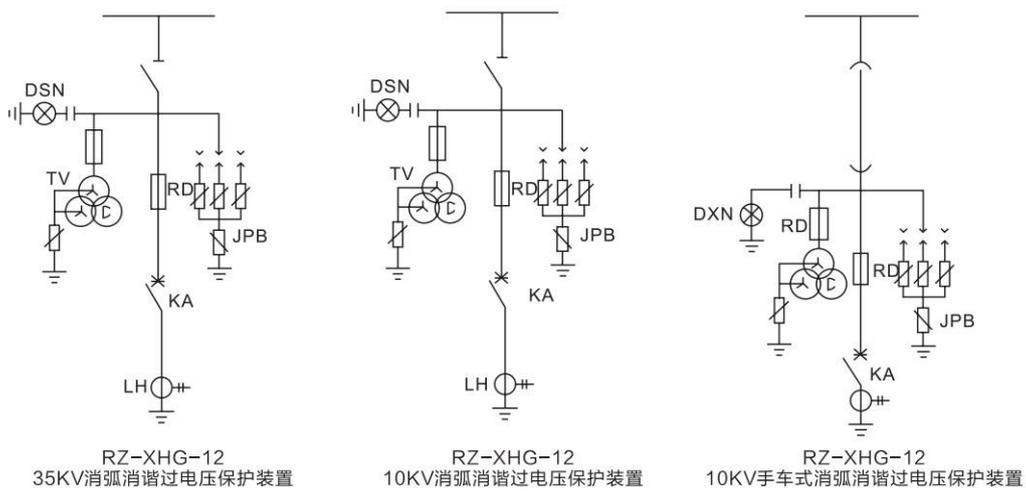
Most of the 3~35kV power supply systems in China are neutral ungrounded systems. When the single-phase grounding occurs in this system, the power grid can still run with fault, which greatly reduces the operation cost and improves the reliability of the power supply system. However, this power supply mode is prone to arc grounding overvoltage and phase short circuit when the single-phase grounding current is large, which causes great harm to the power supply equipment. In the past, the solution was to add the elimination coil to compensate the capacitive current at the neutral point to suppress the occurrence of arc light at the fault point. Obviously, the purpose of this method is to eliminate arc light, but due to many characteristics of arc suppression coil, it is difficult to effectively compensate capacitor current, especially the harm caused by high frequency components to power supply equipment can not be overcome. Intelligent short arc device, the device in arc grounding, through a group of vacuum contactor can be divided phase control, so that the fault contact ground, to achieve the purpose of eliminating arc light completely.

# Rongzhi 6kv arc extinction cabinet Product Model

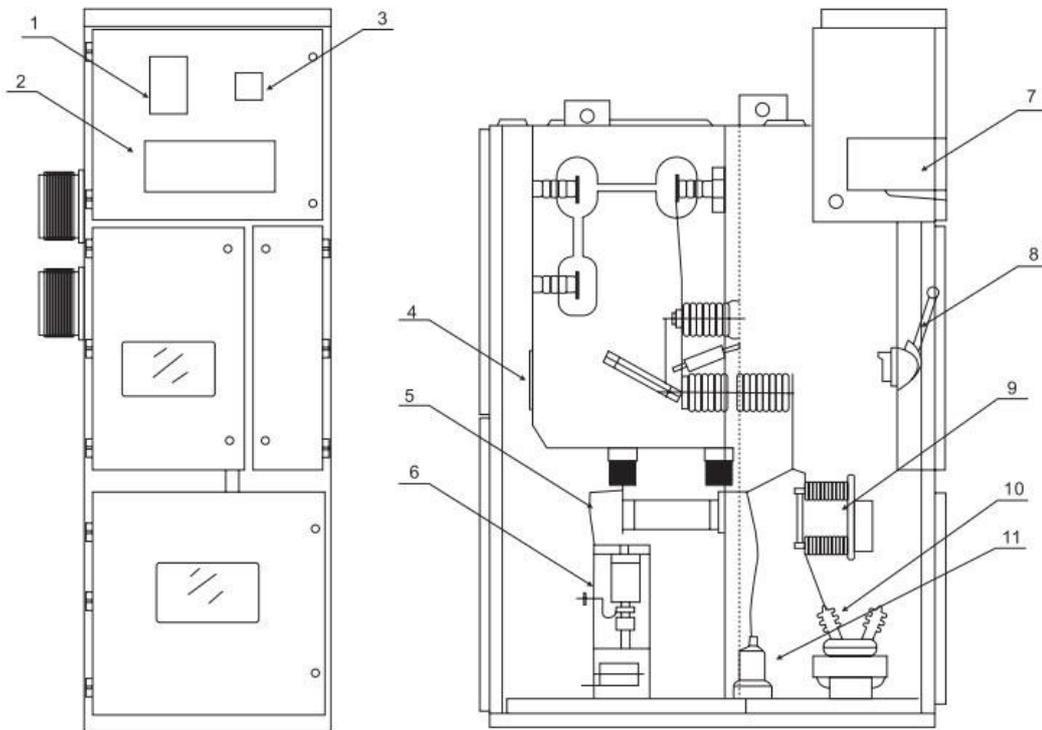
## Description



## Rongzhi 6kv arc extinction cabinet Schematic Diagram



## Rongzhi 6kv arc extinction cabinet Structure Drawing



1. Switch status indicator    2. Arc extinction controller    3. Voltmeter    4. observation window  
 5. High voltage current limiting fuse    6. vacuum contactor  
 7. Controller    8. Operating Handle    9. High voltage fuse    10. Voltage Transformer  
 11. Overvoltage protector

## Rongzhi 6kv arc extinction cabinet Main component

Cabinet, microcomputer controller (core device, including microcomputer harmonic elimination device, small current line selection and other functions), PT in high voltage transformer, overvoltage protector, fuse, isolation switch, zero sequence transformer and so on.