

7.2-12kV Five-Pole AC Vacuum Contactor

This series contactor includes an electrical insulating frame, metal base, and electromagnetic systems. It uses vacuum interrupters to extinguish arcs.



Product Overview

High-Voltage Vacuum Switching Technology

The 7.2-12kV Five-Pole AC Vacuum Contactor is a robust electrical switching device engineered for reliable performance in demanding industrial environments. Utilizing advanced vacuum interrupters, this contactor effectively extinguishes arcs, ensuring long service life and high operational safety. Its five-pole configuration provides comprehensive switching capabilities suitable for motor starting, capacitor switching, and complex three-phase AC circuit control.

Technical Specifications

Rated Voltage	12 kV
Pole Configuration	Five-Pole
Core Components	Vacuum Interrupter, Electromagnetic System, Permanent Magnet, Auxiliary Switch, Power Module

Operational Details

Operational Mechanism

- Electromagnetic coil activation drives armature
- Vacuum interrupter arc extinction
- Permanent-magnet maintenance mode
- Power module energy storage discharge for degaussing
- Spring-assisted main contact breaking

Suitable Applications

Motor Starting • Capacitor Switching • Industrial High-Voltage Control