

Copper Contact Arm for Vacuum Circuit Breaker

This copper contact arm is a conductive component in vacuum circuit breakers. It is engineered for reliable electrical connection and arc quenching in power transmission and distribution systems.



ADDITIONAL IMAGES



Product Overview

High-Performance Vacuum Circuit Breaker Component

This copper contact arm is engineered for reliable performance in demanding electrical transmission and distribution applications. Featuring a specialized vulcanized layer of 2-4mm, it enhances miniaturization by allowing the removal of traditional sleeves while maintaining robust insulation. The design ensures minimal resistance and optimal current-carrying capacity, providing durability and long-term operational stability for vacuum interrupter systems.

Technical Specifications

Insulation Performance

20 kV/mm

Withstand Voltage

2 mm

Min Vulcanization Thickness

4 mm

Max Vulcanization Thickness

Operational Environment

Parameter	Limit
Max Altitude	1000m
Ambient Temperature	-30°C to +40°C
Daily Mean Temperature	d 30°C
Daily Mean Relative Humidity	d 95%
Monthly Mean Relative Humidity	d 90%

Ordering Information

Ordering Requirements

- Rated current
- Description of mating contacts
- Contact arm type and mounting hole size
- Vulcanization process requirement

Operational Environment

Installation Restrictions

No steam, No gas, No chemical corrosive deposits, No salt spray, No dust/dirt, No frequent vibration, No serious jolt