

# 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