

AC Capacitor Switching Contactor

This AC contactor is designed for electric power systems to make and break self-coupling low-voltage parallel capacitors. It effectively reduces the impulse of switching rush current to the capacitor and controls the over-voltage when starting the circuit.



ADDITIONAL IMAGES



Overview



The CJ series provides a compact and robust solution for electrical circuit switching.

High-Performance Capacitor Switching Contactor

The CJ19(16) series is specifically designed for switching self-coupling low-voltage parallel capacitors within power factor compensation devices. These contactors effectively suppress high inrush currents during switching and control over-voltage when starting circuits, ensuring the longevity of your capacitor banks. Engineered for reliability, they are suitable for AC 50Hz or 60Hz systems with main circuit voltages up to 380V.

Technical Specifications

| | |
|-----------------------------|------------|
| Rated Main Circuit Voltage | 380 V |
| Frequency | 50Hz, 60Hz |
| Maximum Controlled Capacity | 30 kvar |

Performance Metrics

Key Performance Ratings

660 V

Insulation Voltage (Ui)

6 kV

Impulse Withstand (Uimp)

40 A

Thermal Current (Ith)

Model Comparison

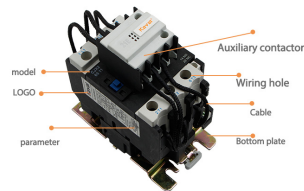
Model Capacity and Current Ratings

| Model Type | Controlled Capacity (400V) | Rated Current (A) | Working Current (1.3In) |
|-----------------|----------------------------|-------------------|-------------------------|
| CJ19B-32 | 15 kvar | 21.6 | 28.1 |
| CJ19B-32 (High) | 20 kvar | 29 | 37.7 |
| CJ19B-63 | 32 kvar | 46 | 59.8 |

Design Features

PRODUCT DESCRIPTION

AC CONTACTOR



Anatomy of the contactor featuring auxiliary contacts, secure wiring terminals, and a stable mounting base.

Key Advantages

- Inrush current suppression for capacitor protection
- Over-voltage control during circuit startup
- Compact size for space-efficient installation
- Integrated auxiliary contactor for control signaling
- Robust wiring holes and secure bottom plate mounting
- Overload protection for enhanced safety

Applications

CHARACTERISTIC



Engineered for safety and reliability across diverse industrial and commercial environments.

Suitable Installation Environments

Power Factor Compensation Devices, Industrial Automation Control, Telecommunications Rooms, Elevator Control Systems, Fire Centers, Hospital Operating Rooms

Compliance

Standards & Certifications

CE • IEC/EN60947-4-1 • GB14048.4