

# 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

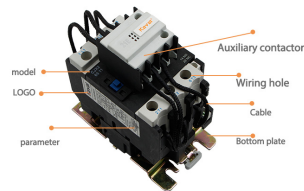
Model Type	Controlled Capacity (400V)	Rated Current (A)	Working Current (1.3In)
CJ19B-32	15 kvar	21.6	28.1
CJ19B-32 (High)	20 kvar	29	37.7
CJ19B-63	32 kvar	46	59.8

## Design Features

### PRODUCT DESCRIPTION

#### AC CONTACTOR

Kaval



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