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	6 kV	40 A
Insulation Voltage (Ui)	Impulse Withstand (Uimp)	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

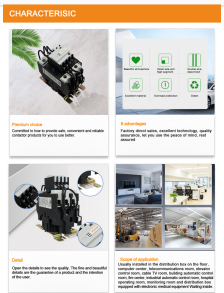
Design Features

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



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

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